CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2, RDT&E Budget Item Justification						DATE:	
						Februa	ry 2006
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMEN	ICLATURE		
RESEARCH DEVELOPMENT TEST & EVALUATION	ON, NAVY / BA-7			0204136N F/A-18	SQUADRONS		
COST (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	121.376	86.089	31.098	15.298	10.095	10.079	10.056
1662 F/A-18 Improvements	35.726	20.954	24.708	12.374	10.095	10.079	10.056
2065 F/A-18 RADAR Upgrade	84.068	56.435	6.390	2.924			
9999 Congressional Adds	1.583	8.700					

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The F/A-18 is capable of using external equipment to perform either fighter or attack missions. The capabilities of the F/A-18 weapon system can be upgraded to accommodate and incorporate new or enhanced weapons as well as advances in technology to respond effectively to emerging future threats. Continued development capability is required to successfully optimize new F/A-18 weapon system capabilities in the Fleet and to ensure interoperability in a network centric environment. Additionally, continued improvements in reliability and maintainability are necessary to ensure maximum benefit is achieved through reduced cost of ownership and to provide enhanced availability.

F/A-18 Improvements: The F/A-18 is a multi-mission strike fighter aircraft that is used in both fighter and attack roles through selected use of external equipment (fuel tanks, targeting/navigation, Advance Targeting Forward Looking Infrared (ATFLIR) pods, and various bomb/missile launching racks). Additional capabilities are required for interoperability in a network-centric operational environment. In order to respond effectively to emerging future threats, F/A-18 aircraft capabilities are being upgraded to incorporate new/enhanced weapons systems and avionics including the Joint Helmet Mounted Cueing System (JHMCS), conversion of the System Configuration Set (SCS) to a Higher Order Language (HOL), development of the F/A-18 E/F Advanced Crew Station (ACS), replacement of Automatic Carrier Landing System (ACLS) in the F/A18, and upgrade of the existing Global Positioning System/Inertial Navigation System in order to meet precision strike/precision approach requirements. Continued hardware/software development is required to successfully optimize fleet F/A-18 weapons systems for interoperability in a network centric operational environment, to include: increased software capabilities, potential new hardware capabilities, upgrading existing hardware, and network centric warfare upgrades. Additionally, a continuing capability is needed to perform technical evaluations/investigative flight testing and provide software based on reported fleet problems.

R-1 SHOPPING LIST - Item No.

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Exhibit R-2, RDTEN Budget Item Justification
(Exhibit R-2, page 1 of 34)

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification	DATE:
	February 2006
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE
RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY BA-7	0204136N F/A-18 SQUADRONS
F/A-18 Radar Upgrade: The F/A-18 Radar Upgrade, Active Electronically Scanned Array (AESA) of F/A-18 Type/Model/Series radar. The AESA corrects operational test deficiencies noted in the AN/A Target Location Error (TLE), and improved spotlight map resolution. In addition, it provides for great planned air-to-air (A/A) and air-to-ground (A/G) weapons significantly increases A/A and A/G detection standoff jamming capabilities, while its greater range allows for reduced detection by enemy radar. Support costs can be realized through a five fold increase in reliability over the AN/APG-73 as well a can be realized by avoiding parts obsolescence redesign costs that will be experienced on the AN/A	APG-73. It provides for multi-target tracking, Synthetic Aperture Radar (SAR) imagery, SAR ater lethality than previous F/A-18 radars by allowing for full tactical support of existing and tion and tracking ranges. The AESA provides greater survivability through self-protection and The AESA is also more affordable than previous radars. Significant savings in operating and as incorporating open architecture and Higher Order Language software. Additionally, savings
CONGRESSIONAL ADDS:	
Military Rapid Response Command Information System: The Military Rapid Response-Comman ground node that will provide enhanced connectivity between Naval TACAIR (F/A-18) weapon platfor Digital Over Horizon Radio System (CONDOR) and JFCOM's Rapid Attack Information Dissemination demonstration, system engineering and analysis on new technologies with the long range goal of eafacilities to test the Sea Power 21/ForceNet concepts above.	orms and USMC's Expeditionary Warfare ground C2 nodes such as the On-the-Move Network ion Execution Relay (RAIDER). This funding will be used to perform a initial proof-of-concept
FIA-18EIF Net Centric Operations Upgrades	

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:	
							Februa	ry 2006
APPROPRIATION/BUDGET ACTIVITY								
RDT&E, N / BA-7	0204136N/F/A-18	SQUADRONS			1662 F/A-18 Impro	ovements		
COST (\$ in Millions)		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost		35.726	20.954	24.708	12.374	10.095	10.079	10.056

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The F/A-18 is a multi-mission strike fighter aircraft that is used in both fighter and attack roles through selected use of external equipment (fuel tanks, targeting/navigation, Advance Targeting Forward Looking Infrared (ATFLIR) pods, and various bomb/missile launching racks). Additional capabilities are required for interoperability in a network-centric operational environment. In order to respond effectively to emerging future threats, F/A-18 aircraft capabilities are being upgraded to incorporate new/enhanced weapons systems and avionics including the Joint Helmet Mounted Cueing System (JHMCS), conversion of the System Configuration Set (SCS) to a Higher Order Language (HOL), development of the F/A-18 E/F Advanced Crew Station (ACS), replacement of Automatic Carrier Landing System (ACLS) in the F/A18, and upgrade of the existing Global Positioning System/Inertial Navigation System in order to meet precision strike/precision approach requirements. Continued hardware/software development is required to successfully optimize fleet F/A-18 weapons systems for interoperability in a network centric operational environment, to include: increased software capabilities, potential new hardware capabilities, upgrading existing hardware, and network centric warfare upgrades. Additionally, a continuing capability is needed to perform technical evaluations/investigative flight testing and provide software based on reported fleet problems.

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:
			February 2006
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	IAME
RDT&E, N / BA-7	0204136N F/A-18 SQUADRONS	1662 F/A-18 Improvements	

B. Accomplishments/Planned Program

	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	1.758	2.176	2.635
RDT&E Articles Quantity			

Continue to conduct engineering analysis and develop improvements to existing systems and subsystems for deficiencies identified during development of the aircraft. Provide technical support for the integration of new weapons, systems, and Network Centric Warfare capability. Continue to develop and integrate enhancements in support of Single Integrated Air Picture (SIAP) block 0 ICP TJ00-004 change 2 to incorporate track identification Taxonomy improvements.

	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	12.182	12.597	18.613
RDT&E Articles Quantity			

Continue to develop and integrate enhancements to the effectiveness, interoperability, and safety of the F/A-18 Weapon System (airframe, avionics, and weapons) and subsystems to include MIDS and ANAV.

	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	12.141	1.250	
RDT&E Articles Quantity			

Continue and complete development of JHMCS Front Seat and Operational Test. Start and complete development of Aft Seat capability.

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

	ation		DATE: February 200	.6
PROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND I		0
T&E, N / BA-7	0204136N/F/A-18 SQUADRONS	1662 F/A-18 Improvements		
rial, it / BA-r	0204130N/1/A-10 3Q0ADNON3	1002 17A-10 improvement	•	
Accomplishments/Planned Program (Cont.)				
A a a graphic haracter / Effort / Cultitate Coat	FY 05	FY 06	FY 07	
Accomplishments/Effort/Subtotal Cost	6.496			
RDT&E Articles Quantity				
		•	· ·	cation
(V/V), OT, and OT&E. Accomplishments/Effort/Subtotal Cost RDT&E Articles Quantity	FY 05 3.149	FY 06	FY 07	cation
Accomplishments/Effort/Subtotal Cost	3.149			
Accomplishments/Effort/Subtotal Cost RDT&E Articles Quantity	3.149			cation
Accomplishments/Effort/Subtotal Cost RDT&E Articles Quantity	gration, and testing.	FY 06	FY 07	cation

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justific	ation			DATE:	ary 2006
PPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AN	ID NAME	PROJECT NUMBER AND N		ary 2000
DT&E, N / BA-7	0204136N F/A-18 SQUADRONS		1662 F/A-18 Improvements		
3. Accomplishments/Planned Program					
		FY 05	FY 06	FY 07	
Accomplishments/Effort/Subtotal Cost				3.460	
RDT&E Articles Quantity					
Start of the validation and verification of the	Weapon Configurations on F/A- 18E/F aircraft	and Top Integra	ation load out list (TILL).		
		FY 05	FV 00	FV 07	
Accomplishments/Effort/Subtotal Cost		F1 U5	FY 06	FY 07	
RDT&E Articles Quantity					
		FY 05	FY 06	FY 07	
Accomplishments/Effort/Subtotal Cost					
RDT&E Articles Quantity					

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification					DATE:	
						February 2006
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER	R AND NAME		PROJECT NUMBER A	ND NAME	
RDT&E, N / BA-7	0204136N/F/A-18 SQUADRONS	3		1662 F/A-18 Improver	nents	
C. PROGRAM CHANGE SUMMARY:						
Funding:		FY 05	FY 06	FY 07		
Previous President's Budget:		36.887	21.273	14.678		
Current BES/President's Budget	_	35.726	20.954	24.708		
Total Adjustments		-1.161	-0.319	10.030		
Summary of Adjustments						
Congressional Reductions						
Congressional Rescissions						
Congressional Undistributed Reduc	tions	-0.464	-0.222			
Congressional Increases						
Economic Assumptions			-0.097	0.175		
Miscellaneous Adjustments	_	-0.697		9.855		
Subtotal	-	-1.161	-0.319	10.030		

Schedule:

- MIDS: These schedule changes do not represent any impacts to funding. H2E operational test schedule slipped by one quarter to allow time to fix software discrepancies discovered in developmental testing. This slip in H2E operational test has also delayed MIDS OT&E. SIAP development efforts are tied to the 21X and H4E SCS OFP being developed by the AWL and Boeing. The changes are reflective of the changes in SCS development schedules.
- ANAV program is an ECP, thus LRIP and FRP are incorrect terminology. All references to LRIP and FRP are deleted. EDM deliveries corrected to better represent the actual deliveries, which changed due to sub-component deliveries to the box manufacturer. The aircraft modifications schedule changes were corrected to better represent the staggered approach to the modifications. DT-IIB and DT-IIC test phases are changed to show an overlap of efforts to take advantage of shared test asset availability. Production Milestone terminology modified to eliminate references to LRIP and FRP.

Technical:

Not Applicable.

CLASSIFICATION:

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EXHIBIT R-2a, RDT&E Pro	ject Justification							DATE:					
										February 2006			
APPROPRIATION/BUDGET AC	TIVITY	PROGRAM EI	LEMENT NUME	BER AND NAME		PROJECT NU	IMBER AND NA	AME					
RDT&E, N /	BA-7	0204136N/F/A	-18 SQUADRO	NS		1662 F/A-18	mprovements						
D. OTHER PROGRAM F	UNDING SUMMARY:												
Line Item No. & Name		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To <u>Complete</u>	Total <u>Cost</u>			
APN-1 (E/F) Weapons S Line Item 4 F/A-18E/F Ho	-	2979.309	2822.335	2333.992	2044.012	1802.502	1806.927	1558.971		15348.048			
APN-1 (G) Weapons Syst	tem Cost	8.211	336.661	891.507	1308.289	1627.333	1469.445	1083.602		6725.048			
APN-5 Line Item 28 F-18 Series	Modification	457.340	420.444	477.366	527.802	551.696	516.594	523.002	1521.802	7232.467			

Related RDT&E

- (U) P.E. 064269N EA-18 G (FY05-11)
- (U) P.E. 0604270N Electronic Warfare Development (FY02-04)

E. ACQUISITION STRATEGY:

The F/A-18 Improvements program consists of extensive development projects and integration of avionics systems onto the F/A-18E/F. The major programs within the F/A-18 Improvements project are:

- ANAV development is provided on a sole source cost plus fixed fee contract on an R&D Basic Ordering Agreement to Boeing. Procurement of production hardware will be made as CFE through the prime contractor.
- <u>Higher Order Language (HOL)</u>. The conversion of the System Configuration Set software to HOL will be accomplished by the F/A-18 Advanced Weapons Laboratory at China Lake as the designated Software Support Activity for the F/A-18. The design of the software will be accomplished by Boeing under sole source cost type contracts. The contract vehicle is a Technical Direction Letter contract at China Lake. As the Prime contractor for the aircraft, Boeing is the design agent for software of aircraft in production.
- Advanced Crew Station. The design and development of the Advanced Crew Station modification is sole source to Boeing as the Prime aircraft contractor.
- MIDS. An acquisition developmental effort supported by SPAWAR (PMW-780).
- JHMCS. JHMCS development is via a sole source cost plus award fee Joint Air Force contract to Boeing.
- ACLS development is provided on a sole source cost plus fixed fee contract on an R&D Basic Ordering Agreement to Boeing. Procurement of redesigned/replacement components will be made as GFE through Naval Undersea Warfare Center.

Exhibit R-2, RDTEN Budget Item Justification

(Exhibit R-2, page 8 of 34)

CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 1)								DATE:	February 2	nne		
APPROPRIATION/BUDGET ACTIVITY		PROGRAM EI	EMENT			PROJECT NU	MRER AND N	IAME	rebluary 2	2000		
RDT&E, N / BA-7		0204136N F/A		ONIC		1662 F/A-18 I						
,	0				EV 05				IEV 07	1		ı
Cost Categories		o o	Total		FY 05		FY 06		FY 07	0	T-4-1	T 1 \ /-!
		,	PY s	FY 05	Award		Award		Award	Cost to	Total	Target Value
	& Type	Location	Cost	Cost	Date	Cost	Date	Cost	Date	Complete	Cost	of Contract
Primary Hardware Development PIDS/DCS	SS/CPFF/FFP	MDA-ST LOUIS,MO	90.000								90.000	90.000
Primary Hardware Development ATFLIR	SS/CPIF/AF	MDA-ST LOUIS,MO	166.147								166.147	166.147
AWARD FEE ATFLIR			1.576								1.576	1.576
Primary Hardware Development ANAV	SS/CPFF	MDA-ST LOUIS,MO	13.522	5.193	01/05	5.628	01/06	3.261	01/07	0.175	27.779	27.779
Primary Hardware Development ACS	SS/CPIF	MDA-ST LOUIS, MO	50.301	0.192	12/04						50.493	50.493
Primary Hardware Development JHMCS	MIPR	WPAFB DAYTON, OHIO	45.315	4.094	05/05						49.409)
Primary Hardware Development MISC.	WX	VARIOUS	30.516	0.267	VAR					20.528	51.311	
Primary Hardware Development ACS	SS/CPFF	Triton, MD	2.500								2.500	2.500
Ancillary Hdw Develop ATFLIR	WX	NAWCAD-LAKEHURST NJ	9.201								9.201	
System Engineering	WX	NAWCAD, PAX RIVER, MD	3.792	1.092	12/04						4.884	
Subtotal Product Development			412.870	10.838		5.628		3.261		20.703	453.300)

Remarks:

FY99 and prior year award fee earned is 74.7% (ATFLIR)

Development Support MISC	VARIOUS	VARIOUS	36.792	1.475	12/04	1.459	12/05	0.958	12/06	2.989	43.673	
Software Development	wx	NAWCWD-CHINA LAKE	130.494	14.235	11/04	4.300	11/05	8.149	11/06	4.317	161.495	
Software Development (TDL)	SS/CPIF/TDL	MDA/NAWCWD-CHINA LAK	127.560	4.612	11/04	3.065	11/05	2.777	11/06	0.370	138.384	138.384
Prior Year Costs	Various	Various	2,567.069								2,567.069	
Subtotal Support			2,861.915	20.322		8.824	•	11.884		7.676	2,910.621	•

Remarks

Prior year costs (FY95 & prior) not broken out into separate categories.

CLASSIFICATION:

	2)								DATE:				
Exhibit R-3 Cost Analysis (page	<u>3 2)</u>									February 2	2006		
APPROPRIATION/BUDGET ACTIVIT	·Υ	PROGRAM EL						UMBER AND N	AME				
RDT&E, N / BA-7		0204136N F/A		ONS			1662 F/A-18	Improvements	1	I=1 / -	1	т	Т
			Total	E) / 0E		FY 05	EV 00	FY 06	EV 07	FY 07	0	T. (.)	T
				FY 05 Cost		Award Date	FY 06 Cost	Award Date	FY 07 Cost	Award Date	Cost to Complete	Total Cost	Target Value of Contract
		NAWCAD, PAX RIVER, MD	51.668		.794	11/04	3.220	+	2.628	-	2.000		
		OPTEVFOR, NORFOLK, VA	9.251		.051	12/04	1.250		2.198		1.559		
-		NAWCWD, CHINA LAKE, CA			-				3.460			3.460	
		, , , , , , , , , , , , , , , , , , , ,											
Subtotal T&E			60.919	2	.845		4.470	6	8.28	6	3.559	80.085	,
Program Management Sup	VARIOUS	NAVAIR, PAX RIVER, MD	13.843	0	.915	12/04	1.15	7 12/05	0.54	12/06	8.548	25.010)
	WX	NAVAIR, PAX RIVER, MD	5.229	0	.806	VAR	0.869	9 VAR	0.730	VAR	2.256	9.890	,
	<u> </u>												
Subtotal Management	<u> </u>		19.072		.721		2.020		1.27	7	10.804	34.900	
Subtotal Management		<u> </u>	19.072	<u> ''</u>	.721		2.020	<u>ગ</u>	1.27	<u>'1</u>	10.604	34.900	.1
Remarks:													
Total Cost			3,354.776	35	.726		20.95	4	24.708	3	42.742	3,478.906	;
Remarks:			-,									, , , , , , , , , , , , , , , , , , , ,	

CLASSIFICATION:

EXHIBIT R4, Schedule	Profile																DATE F e		ry 20	06								
APPROPRIATION/BUDGET	T / PROC	GRAM	ELEM	ENT N	IUMBE	R AND	NAM	E					PROJ	ECT N	UMBE	R AND	NAM	E	., _0									
RDT&E, N / BA-7	02041														Improv													
Fiscal Year		20	05			20	06			20	07			20	08			20	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
ACS Acquisition Milestones								IOC																				
Prototype Phase																												
Test & Evaluation Milestones					TECH	EVAL																						
Development Test	H2E [DT																										1
Operational Test						FC	T&E																					
Production Milestones																												

CLASSIFICATION:

Exhibit R-4a, Schedule Detail				DATE:			
					Februa	ry 2006	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	LEMENT		PROJECT NU	MBER AND NA	AME	
RDT&E, N / BA-7	0204136N F/A	A-18 Squadron	S	1662 F/A-18 Ir	mprovements		
Schedule Profile for ACS	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
FRP DVMC							
First flight Developmental Testing (DT) for ACS Aircraft with H2E.	1Q-3Q						
TECHEVAL	4Q	1Q-2Q					
FOT&E ACS		2Q-4Q					
IOC		4Q					
							1

CLASSIFICATION:

EXHIBIT R4, Schedule	Profile																				DATE	:						
					1																		Fe	brua	ry 20	06		
APPROPRIATION/BUDGET	ACTIV	ITY					ELEM			R AND	D NAM	E					PROJ					1E						
RDT&E, N / BA-7					0204	136N	F/A-18	Squad	Irons								1662	F/A-18	Impro	vemer	nts							
Fiscal Year		20	05			20	06			20	07			20	800			20	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
HOL Development Milestones																												
Verification/Validation																												
Test & Evaluation Milestones																												
Development Test																												l
Operational Test																												1
	H2E F	ОТ&Е																										
Fleet Release	H2E I	leet R	elease	3																								

CLASSIFICATION:

Exhibit R-4a, Schedule Detail					DATE:		
					F	ebruary 200	06
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	LEMENT		PROJECT NU	MBER AND NA	AME	
RDT&E, N / BA-7	0204136N F/A	A-18 Squadron:	S	1662 F/A-18 Ir	nprovements		
Schedule Profile for HOL	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
H1E							
Follow On Test and Evaluation (FOT&E)							
H2E Requirements Definition							
Development Test (DT)							
Validation & Verification (V&V) Operational Test Readiness Review (OTRR)							
Follow On Test and Evaluation (FOT&E) Fleet Release	1Q						
Fleet Release	2Q						

CLASSIFICATION:

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EXHIBIT R4, Schedule																					DATE		Fe	ebrua	ry 20	06		
APPROPRIATION/BUDGE RDT&E, N / BA-7	T ACTIV	ITY					ELEM		UMBE	R AND	NAM	E							NUMBE Impro		D NAM	1E						
		20	05		02041	20		Squac	10115	20	07			20	08		1002	20		veniei	115	20	10			20	11	
Fiscal Year	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
JHMCS Acquisition Milestones																												
Prototype Phase																												
JHMCS Front Seat Development																												
JHMCS Aft Seat Development																												
Software OFP-19C Delivery OFP-H3E Delivery		FOT8		De	ivery C	TRR A	T&E	De	livery																			
Test & Evaluation Milestones Development Test Operational Test	D/F A	PT	AFT S	Seat		\triangle																						
Production Deliveries																												
LRIP III																												
LRIP IV FRP																												
										IINI	CI	V C	SIĘ	IEL				E	khibit	R-2,	RDT	EN B	udge	t Item	Just	ifica	ion	

R-1 SHOPPING LIST - Item No. 170

(Exhibit R-2, page 15 of 34)

CLASSIFICATION:

Exhibit R-4a, Schedule Detail					DATE:		
					F	ebruary 200) 6
APPROPRIATION/BUDGET ACTIVITY	PROGRAM E	LEMENT		PROJECT NU	MBER AND NA	AME	
RDT&E, N / BA-7	0204136N F/A	A-18 Squadrons	S	1662 F/A-18 Ir	mprovements		
Schedule Profile for JHMCS	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Preliminary Design Review (PDR) AFT Seat							
Critical Design Review (CDR) AFT Seat							
Test Readiness Review (TRR) Aft Seat							
Developmental Testing Aft Seat	1Q-4Q	1Q-2Q					
Operational Testing (OT-IIB) Front Seat							
Development Test (DT) D AFT seat	1Q-2Q						
Development Test (DT) F AFT seat	1Q-2Q						
Software Delivery OFP-19C		1Q					
Follow On Test Evaluation (D Aft Seat)	2Q-4Q						
Follow On Test Evaluation (F Aft Seat)	2Q-4Q						
Software Delivery OFP-H2E+		1Q					
LRIPIV							
Full Rate Production Start							

CLASSIFICATION:

EXHIBIT R4, Schedule Prof															_		DATE					ebrua	ary 20	006				
APPROPRIATION/BUDGET ACT RDT&E, N /BA-7	ΓΙVΙΤΥ						F/A-18				NAMI							F/A-										
		20	05			200				20	07			200	18			20		<u> </u>			010			201	1	
Fiscal Year	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
ANAV Acquisition Milestones						S	TEP 2 E	ECP								IOC												
ED lox Development Development	M Deliv		(2) (2)	(2)	<u>(2)</u>		FCA		PCA																			
Aircraft Integration Design Reviews	CDR																											
ntegration Test Tape		Desi	J gn				Flight	Test																				
H-4E	Desi	gn & D	evelop	ment			Integra	ted T	&E																			
Test & Evaluation Milestones Aircraft Modifications			P DT-I	AX, CI		PAX, C																						
Lab/King Air Box Test				: ` ` 	DT-IIE																							
Non-AESA Aircraft						<u>. </u>		DT	□ IIC /Te	achove	N.																	
AESA Aircraft							F	1	10716	CITEVA																		
Production Milestones																												
FY06 Procurements (Lot 30 A/C)						$ \wedge $	Procure	70 ment			Del	iveries	s (42)	\neg														
FY07 Procurements									/ / P	rocure	ement				Del	iveries	(42)	Щ										
FY08 Procurements								4					 	rocurer					De	eliverie	s (42)	Щ						
FY09 Procurements														Jocuiei	HEHR		_				- (.= /		Г	Deliveri	es (42)			
FY10 Procurements																		Procu	ıremer 	nt 	\land	Procu	ıremer	1	,		eliverie	es (4
Aircraft Deliveries																												`
moran Deliveries							T - Iter							Lot	30				Lot 31				t 32		dget I	Lot		

(Exhibit R-2, page 17 of 34)

CLASSIFICATION:

Exhibit R-4a, Schedule Detail				DATE:			
					Februa	ry 2006	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	LEMENT	PROJECT NU	MBER AND N	AME	-	
RDT&E, N / BA-7	0204136N F	F/A-18 Squad	1662 F/A-18	3 Improveme	nts		
Schedule Profile for ANAV	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Eng Dev Model (EDM) Delivery - Boeing (Lab/Flight Testing)	2Q-4Q	1Q					
System Critical Design Review (CDR)	1Q						
Test Tape Development/Test	1Q-4Q						
Flight Test	4Q	1Q-4Q	1Q-3Q				
H-4E SCS Development/Test	1Q-4Q	1Q-4Q	1Q-3Q				
Aircraft Modification	4Q	1Q, 2Q-3Q					
Lab/King Air Flt Test / Developmental Testing (DT-IIA)	3Q-4Q	1Q-2Q					
DT-IIB		1Q-4Q	1Q				
DT-IIC TECHEVAL		4Q	1Q-3Q				
Functional Configuration Audit (FCA)		3Q					
Physical Configuration Audit (PCA)			1Q				
IOC				4Q			
Box Deliveries	_	_	2Q-4Q	1Q-4Q	1Q-4Q	1Q-4Q	1Q-4Q

CLASSIFICATION:

2004	4	1	200	3	4	1	GRAM I 136N F 200 2	7/A-18 06 3	Squad 4		200 2		4	1 IOC	2008			200 2	Impro			20 ⁻		ebrua 4	1	201	3
	4	1			4	1	200	3	4									200	09					4	1		
	4	1			4		2	3		1							1 1			4	1			4	1		
2 3	4	1	2	3	4					1	2	3			2	3	1 1	2	3	4	1	2	3	4	1	2	3
						Desig	gn/Inte	gration																			
						Desig	gn/Inte	gration																			
										OTRR	OPE	VAL.															
													LOT 3	0 (42)		Lot	31 (42)			Lot 32	2 (42)			Lat 22	(42)		
													OPEVAL	OPEVAL		OPEVAL OPEVAL	OPEVAL LOT 30 (42)	OPEVAL	OPEVAL LOT 30 (42)	OPEVAL LOT 30 (42) Lot 31 (42)	OPEVAL LOT 30 (42) Lot 31 (42)	OPEVAL LOT 30 (42)	OPEVAL LOT 30 (42) Lot 31 (42)	LOT 30 (42) Lot 31 (42) Lot 32 (42)	OPEVAL	OPEVAL LOT 30 (42) Lot 31 (42)	LOT 30 (42) Lot 31 (42) Lot 32 (42)

CLASSIFICATION:

Exhibit R-4a, Schedule Detail					DATE:		
					ı	ebruary 20	06
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	EMENT		PROJECT NU	MBER AND NA	AME	
RDT&BA-7	0204136N F//	A-18 Squadrons	S	1662 F/A-18 Ir	mprovements		
Schedule Profile, ACLS	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Design/Integration		1Q-4Q	1Q				
Operational Test Readiness Review (OTRR)			1Q				
Operational Evaluation (OPEVAL)			2Q-3Q				
IOC				1Q			
Lot-30 Deliveries			4Q	1Q-4Q			
Lot-31 Deliveries				4Q	1Q-4Q		
Lot-32 Deliveries					4Q	1Q-4Q	
Lot-33 Deliveries						4Q	1Q-4Q

R-1 SHOPPING LIST - Item No.

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UNCLASSIFIED Exhibit R-2, RDTEN Budget Item Justification (Exhibit R-2, page 20 of 34)

UNCLASSIFIED CLASSIFICATION: EXHIBIT R-4a, Schedule Profile DATE: February 2006 APPROPRIATION/BUDGET ACTIVITY PROJECT NUMBER AND NAME PROGRAM ELEMENT RDT&E/BA-7 0204136N F/A-18 Squadrons 1662 F/A-18 Improvements 2005 2006 2007 2008 2009 2010 2011 Fiscal Year 2 2 MIDS LVT F/A-18 Milestones MIDS F/A-18 Production Deliveries F/A-18C/D MIDS Integration C/D DT&E OT-IIIA-1 C/D OT&E F/A-18 E/F MIDS Integration DT-IIIA-1 E/F DT&E OT-IIIA-1 E/F OT&E F/A-18 MC SW Development 19C OT 19C Software Configuration DEVELOPMENT REQUIREMENTS 21C SCS (SIAP DESIGN T&E Block 0) [C/D] REQUIREMENTS DEVELOPMENT H4E SCS (SIAP A I DESIGN Block 0) [E/F] IT&E SIAP SOW Tasks SIAP SOW Tasks

CLASSIFICATION:

Exhibit R-4a, Schedule Detail					DATE:				
					l	February 20	06		
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	LEMENT		PROJECT NU	MBER AND NA				
RDT&E, N / BA-7 MIDS	0204136N F/	A-18 Squadron	S	1662 F/A-18 Ir	1662 F/A-18 Improvements				
Schedule Profile	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011		
MIDS F/A-18 Production Deliveries	1Q-4Q	1Q-4Q	1Q-4Q						
F/A-18C/D MIDS Integration									
C/D DT&E	1Q-2Q								
C/D OT&E	2Q-4Q								
F/A-18E/F MIDS Integration									
E/F DT&E	1Q-2Q								
E/F OT&E	2Q-4Q								
F/A-18 MC SW Development									
19C SCS	2Q-4Q								
21X SCS (SIAP Block 0) [C/D]									
Requirements	1Q-4Q	1Q-4Q							
Design	4Q	1Q-3Q							
Development		3Q-4Q	1Q						
IT&E			1Q-4Q	1Q-2Q					
H4E SCS (SIAP Block 0) [E/F]									
Requirements	1Q-2Q								
Design	1Q-4Q	1Q							
Development	4Q	1Q-4Q							
IT&E		1Q-4Q	1Q-4Q						
SIAP SOW Tasks	1Q-4Q	1Q-4Q	1Q-4Q						

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:		
							February 2006		
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEM	ENT NUMBER AND	NAME		PROJECT NUMBE	R AND NAME			
RDT&E, N / BA-7	0204136N/F/A-18 SQUADRONS 2065 F/A-18 RADAR Upgrade								
COST (\$ in Millions)		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
2065 RADAR Upgrade		84.068	56.435	6.390	2.924				

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The F/A-18 Radar Upgrade, Active Electronically Scanned Array (AESA) development program began in FY 1999. It is the last of three pre-planned upgrades to the F/A-18 Type/Model/Series radar. The AESA corrects operational test deficiencies noted in the AN/APG-73. It provides for multi-target tracking, SAR imagery, SAR TLE, and improved spotlight map resolution. In addition, it provides for greater lethality than previous F/A-18 radars by allowing for full tactical support of existing and planned air-to-air (A/A) and air-to-ground (A/G) weapons, significantly increasing A/A and A/G detection and tracking ranges. The AESA provides greater survivability through self-protection and standoff jamming capabilities, while its greater range allows for reduced detection by enemy radar. The AESA is also more affordable than previous radars. Significant savings in operation and support costs can be realized through a five fold increase in reliability over the AN/APG-73 as well as incorporating open architecture and Higher Order Language software. Additionally, savings can be realized by avoiding parts obsolescence redesign costs that will be experienced on the AN/APG-65 and AN/APG-73.

The \$10M reduction in FY 2006 may result in the inability to complete the Active Electronically Scanned Array (AESA) Anti-Tamper program as scheduled in 2007. This will result in AESA Radars being forward deployed without Full Anti-Tamper Protection, in conflict with OSD policy and the approved AESA AT Plan.

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

2065 F/A: FY 05 46.658	T NUMBER AND NAME -18 RADAR Upgrade FY 06 FY 0 29.742 6.39 n in FY05 and will complete in FY09	00
FY 05 46.658 In FY06. Osprey Holstein began	FY 06 FY 0 29.742 6.39 n in FY05 and will complete in FY05	00
FY 05 46.658 In FY06. Osprey Holstein began	FY 06 FY 0 29.742 6.39 In in FY05 and will complete in FY09	00
46.658 In FY06. Osprey Holstein began	n in FY05 and will complete in FY05	00
46.658 In FY06. Osprey Holstein began	n in FY05 and will complete in FY05	00
d in FY06. Osprey Holstein began	n in FY05 and will complete in FY09	
		9.
		9.
		9.
FY 05		
1 1 03	EV 06 EV 0	7
35 976)/
33.676	20.193	
FV 05	F)/ 00	77
FY 05	FY 06 FY 0)7
FY 05 1.534	FY 06 FY 0 6.500)7
)7
	FY 05 35.876	

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification					DATE:	
						February 2006
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER	AND NAME		PROJECT NUMBER A	ND NAME	
RDT&E, N / BA-7	0204136N F/A-18 SQUADRONS			2065 F/A-18 RADAR U	pgrade	
C. PROGRAM CHANGE SUMMARY:						
Funding:		FY 05	FY 06	FY 07		
Previous President's Budget:		89.434	67.447	6.368		
Current BES/President's Budget		84.068	56.435	6.390		
Total Adjustments		-5.366	-11.012	0.022		
Summary of Adjustments						
Congressional Reductions			-10.000			
Congressional Rescissions						
Congressional Undistributed Reduction	ns	-1.466	-0.705			
Congressional Increases						
Economic Assumptions			-0.307	0.032		
Miscellaneous Adjustments		-3.900		-0.010		
Subtotal	_	-5.366	-11.012	0.022		

Schedule:

A Low Rate Initial Production (LRIP) 4 was added during the Milestone C review in January 2004.

Integrated Testing & Evaluation versus Technical Evaluation/Operational Evaluation to increase efficiency and enable CONOPs development earlier. The overall Test and Evaluation schedule will complete in 3rd Quarter 06 as previously scheduled.

Added H4E Build 4 with software risk associated.

IT&E (Integrated Test & Evaluation) - previously titled "Technical Evaluation (TECHEVAL)" - extends into 3rd Quarter 06

IOC - 1st Quarter 07

First Deployment - expected 1st Quarter 08

Technical:

Software development issues and less than planned flight test performance have added contractual cost and schedule pressure. In order to deliver AESA on schedule to meet Fleet deliveries and meet Key Performance Parameters (KPP), some non-KPP functionality has been deferred into next software load H4.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:			
								Febru	ary 2006	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EL	EMENT NUM	BER AND NAM	1E	PROJECT NU	MBER AND N	AME			
RDT&E, N / BA-7	0204136N F/A	-18 SQUADRO	ONS		2065 F/A-18 R	ADAR Upgrad	le			
D. OTHER PROGRAM FUNDING SUMMARY:								То	Total	
Line Item No. & Name	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	<u>Complete</u>	Cost	
(1) Line Item 4 F/A-18E/F HORNET (MYP) APN-1 (2) Line Item 28 F-18 SERIES MOD APN-5 (OSIP 002-07)	111.831	189.168	178.014 5.448	177.558 74.614	183.219 79.451	195.181 116.121	134.200 123.267	0.000 258.527	1368.566 657.428	

E. ACQUISITION STRATEGY:

The AESA program employs a two-phase approach with sole source contracts to Boeing, the airframe prime manufacturer. Phase I is a moderate risk reduction phase conducted in FY 1999 and FY 2000. During this phase, Boeing conducted competitive source selection at the radar system subcontract level. A BOA order for RFP development and subcontractor selection was made to conduct this effort. It includes an "845" agreement for prototype development, which includes commercial development/amortization provisions. Conducting the competition early in the program allowed for focused risk reduction and contractor investment. Phase II consisted of a typical System Demonstration program and development contract. The program transitioned to Phase II with a successful Milestone II Decision in FY 2001. When the program entered production in FY03, the "845" agreement allowed the contractor to amortize unreimbursed development costs into the production unit cost. This strategy fully utilizes acquisition reform initiatives such as: early partnering with industry; alpha contracting; leveraging industry investment; optimizing use of Commercial Off-the Shelf software and Non-Developmental Item; Cost as an Independent Variable; and Electronic Data Deliverables.

CLASSIFICATION:

									DATE:					
Exhibit R-3 Cost Analysis (pag	e 1)										February 20	06		
APPROPRIATION/BUDGET ACTIVI		PR	OGRAM ELEM	MENT			PROJECT NU	IMBER AND N	NAME					
RDT&E, N / BA-7		020	04136N F/A-18	SQUADRO	NS		2065 F/A-18 RADAR Upgrade							
Cost Categories	Contract	Performing	To	otal		FY 05		FY 06		FY 07				
	Method	Activity &	PY		FY 05	Award	FY 06	Award	FY 07	Award	Cost to	Total	Target Value	
	& Type	Location	Co	ost	Cost	Date	Cost	Date	Cost	Date	Complete	Cost	of Contract	
Primary Hardware Dev (EMD)	SS/CPFF	MDA - St Louis, M	10	361.746	46.65	8 06/05	29.742	11/05	6.390	11/06	2.924	447.460	447.460	
GFE	SS/CPFF	MDA - St Louis, M	10	3.517								3.517	3.517	
Primary Hardware Dev (Pre-EMD)	SS/CPFF	MDA - St Louis, M	10	4.900								4.900	4.900	
												0.000		
												0.000		
												0.000		
												0.000		
												0.000		
												0.000		
												0.000		
												0.000		
Subtotal Product Development				370.163	46.65	8	29.742		6.390		2.924	455.877		

Remarks: The \$10M reduction in FY 2006 may result in the inability to complete the Active Electronically Scanned Array (AESA) Anti-Tamper program as scheduled in 2007. This will result in AESA Radars being forward deployed without Full Anti-Tamper Protection, in conflict with OSD policy and the approved AESA AT Plan.

Software Development	WX	NAWCWD China Lake, CA	24.444		7.510	10/05			31.954	
Integrated Logistics Support	WX	NAWCAD Pax, MD	0.971		0.169	10/05			1.140	
Integrated Logistics Support	WX	NADEP North Island, CA	0.371						0.371	
									0.000	
									0.000	
									0.000	
									0.000	
									0.000	
Subtotal Support			25.786		7.679		0.000	0.000	33.465	

The development contract has experienced technical issues, resulting in cost growth. To partially mitigate this cost growth, non-KPP functionality has been deferred. The additional contract cost is being absorbed within the current program funding. Moving from a separate Development Testing/Operational Testing test plan to an Integrated Test and Evaluation plan has reduced Test and Evaluation costs sufficiently to absorb the contract cost growth.

R-1 SHOPPING LIST - Item No.

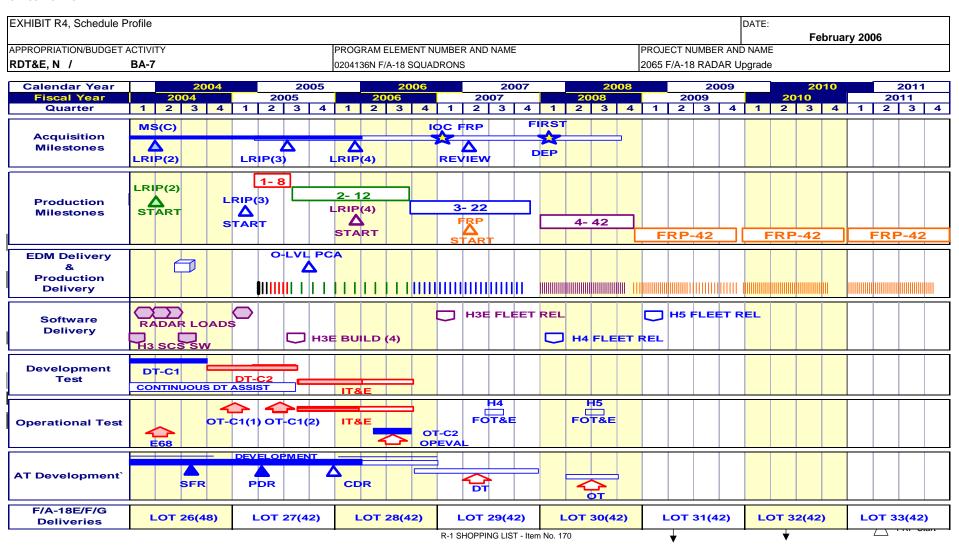
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Exhibit R-2, RDTEN Budget Item Justification (Exhibit R-2, page 27 of 34)

CLASSIFICATION:

								DATE:				
Evhibit R-3 Cost Analysis (nag	۵ (2 م							DATE:		February 200	16	
Exhibit R-3 Cost Analysis (pag APPROPRIATION/BUDGET ACTIVI	TY	PROGRAM	1 ELEMENT			PROJECT NU	MRER AND N	JAME		rebruary 200		
RDT&E, N / BA-7			F/A-18 SQUADRO	ONS		2065 F/A-18						
Cost Categories	Contract	Performing	Total		FY 05		FY 06		FY 07			
	Method	Activity &	PY s	FY 05	Award		Award	FY 07	Award	Cost to	Total	Target Value
	& Type	Location	Cost	Cost	Date		Date	Cost	Date	Complete		of Contract
Developmental Test & Evaluation	WX	NAWCAD Pax River, MD	8.417			0.679	10/05				15.289	
Operational Test & Evaluation	WX	OPTEVFOR, Norfolk, VA	6.740	1.534	10/04	6.500	10/05				14.774	
Developmental Test & Evaluation	WX	NAWCWD China Lake, Ca	A 16.913	29.278	10/04	10.300	10/05				56.491	
Operational Test & Evaluation	MP	EGLIN AFB, FL				1.000	10/05				1.000	
											0.000	
											0.000	
											0.000	
Subtotal T&E			32.070	37.005	;	18.479		0.00	00	0.000	87.554	
Program Management Support	Various	NAVAIR Pax River, MD	1.652	0.345	10/04	0.473	10/05				2.470	
Travel	TO	NAVAIR Pax River, MD	0.423	0.060	10/04	0.062	10/05				0.545	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal Management			2.075	0.405		0.535		0.00	00	0.000	3.015	
Remarks:												
Total Cost			430.094	84.068	;	56.435		6.39	90	2.924	579.911	
Remarks:												

CLASSIFICATION:



CLASSIFICATION:

Exhibit R-4a, Schedule Detail						DATE:		
,						l F	ebruary 20	06
APPROPRIATION/BUDGET ACTIVITY	PROGRAM E	LEMENT			PROJECT NU	IMBER AND N	AME	
RDT&BA-7	0204136N F/A	A-18 SQUADRO	ONS		2065 F/A-18 F	RADAR Upgrad	е	
Schedule Profile	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Developmental Testing (DT-C1)	1Q-3Q	1 1 2000	1 1 2000	1 1 2007	1 1 2000	1 1 2000	1 1 2010	1 1 2011
Developmental Testing (DT-C2)	4Q	1Q-3Q						
Milestone C (MS C)	2Q							
Start Low-Rate Initial Production I (LRIP II)	2Q							
Low-Rate Initial Production I Delivery		2Q-3Q						
Integrated Test Evaluation (IT&E old TECHEVAL)		3Q-4Q	1Q-3Q					
Operational Evaluation (OT-IIC) (OPEVAL)			2Q-3Q					
Low-Rate Initial Production II Delivery		3Q-4Q	1Q-3Q					
Low Rate Initial Production IV			1Q					
IOC				1Q				
Full Rate Production (FRP) Decision				2Q				
Full Rate Production Start				2Q				
First Deployment					1Q			
		-		ļ				

R-1 SHOPPING LIST - Item No.

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Exhibit R-2, RDTEN Budget Item Justification (Exhibit R-2, page 30 of 34)

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:		
							February 2006		
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEM	ENT NUMBER AND	NAME		PROJECT NUMBI	ER AND NAME			
RDT&E, N / BA-7	0204136N F/A-18	SQUADRONS			9999 Congression	al Adds			
COST (\$ in Millions)		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
Project Cost		1.583	8.700						
RDT&E Articles Qty									

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The Military Rapid Response-Command and Information System (MRRCIS) is a command, control, and communications mobile ground node that will provide enhanced connectivity between Naval TACAIR (F/A-18) weapon platforms and USMC's Expeditionary Warfare ground C2 nodes such as the On-the-Move Network Digital Over Horizon Radio System (CONDOR) and JFCOM's Rapid Attack Information Dissemination Execution Relay (RAIDER). This funding will be used to perform a initial proof-of-concept demonstration, system engineering and analysis on new technologies with the long range goal of establishing test and evaluation facilities in Hawaii. This work will leverage off of joint service facilities to test the SeaPower 21/ForceNet concepts above.

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

	eation			DATE: February 2	2006
PPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER	AND NAME	PROJECT NUMBER AND N		.000
DT&E, N / BA-7	0204136N F/A-18 SQUADRONS		9999 Congressional Adds		
. Accomplishments/Planned Program	<u> </u>				
9614		FY 05	FY 06	FY 07	
Accomplishments/Effort/Subtotal Cost		1.583	1.700		
RDT&E Articles Quantity					
Perform initial proof of concept demonstratio	n and deliver completed analysis. Provide	government oversi	ght and engineering support.		
1662		FY 05	FY 06	FY 07	
Accomplishments/Effort/Subtotal Cost			7.000		
RDT&E Articles Quantity					
FIA-18EIF Net Centric operations upgrades					
FIA-18EIF Net Centric operations upgrades		FY 05	FY 06	FY 07	
·		FY 05	FY 06	FY 07	

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification				DATE:	
					February 2006
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NA	ME	PROJECT NUMBER AND	NAME	
RDT&E, N / BA-7	0204136N F/A-18 SQUADRONS		9999 Congressional Adds		
C. PROGRAM CHANGE SUMMARY:					
Funding:	FY 05	FY 06	FY 07		
Previous President's Budget:	1.0	625 0.000			
Current BES/President's Budget	1.9	583 8.700	0.000		
Total Adjustments	-0.0	042 8.700			
Summary of Adjustments Congressional Reductions Congressional Rescissions Congressional Undistributed Reduction Congressional Increases Economic Assumptions	ns -0.0	042 8.700)		
Miscellaneous Adjustments Subtotal	-0.	042 8.700	0.000		
Schedule:					
Not Applicable.					
Technical:					
Not Applicable.					

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification								
						DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMI	PROJECT NUMBER AND NAME						
RDT&E, N / BA-7	0204136N F/A-18 SQUADR	0204136N F/A-18 SQUADRONS 9999 Congressional Adds						
D. OTHER PROGRAM FUNDING SUMMAI	RY:						То	Total
<u>Line Item No. & Name</u> NOT APPLICABLE	<u>FY 2005</u>	FY 2006 FY 2007	<u>FY 2008</u>	FY 2009	FY 2010	FY 2011	<u>Complete</u>	Cost
E. ACQUISITION STRATEGY: 9614: The proof of concept demonstration systems engineering and analysis will be performed by IDIQ contract with Anteon, Inc, which will be subcontracting the 95% of the tasking to Hawaiya								
Technologies, LLC in Hawaii.								
F. MAJOR PERFORMERS:								
								
R-1 SHOPPING LIST - Item No. 170								