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CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification								DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-6						R-1 ITEM NOMENCLATURE 0605863N - RDT&E,N Ship and Aircraft Support					
COST (\$ in Millions)	Prior Year Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Total PE Cost		72.181	75.341	71.735						Continuing	Continuing
S0354 RDT&E Ships Support		15.845	15.604	10.204						Continuing	Continuing
S2924 RDT&E Self-Defense Test Ship		0.000	0.000	3.301						Continuing	Continuing
W0568 RDT&E Aircraft Flight Hours		26.689	28.719	29.391						Continuing	Continuing
W0569 RDT&E Aircraft Support		29.647	31.018	28.839						Continuing	Continuing
Quantity of RDT&E Articles	Not Applicable										
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>This continuing program provides support for ships and platforms required to accommodate Research, Development, Test and Evaluation (RDT&E) of new systems. The RDT&E ship and aircraft inventory is required to adequately test new and improved weapon systems, stay current with threats, and increase warfighting capability of the fleet. The program provides integrated logistics support for aircraft at selected field activities; provides depot-level rework of aircraft, engines, and components for the Navy inventory of RDT&E aircraft; and provides support for ships and aircraft bailed to contractors for Navy RDT&E projects. Costs covered under this element include aircrew training and proficiency, fuel, supplies, equipment, modification, repair, Aviation Depot Level Repairables, Special Flight Test Instrumentation Pool equipment, overhaul of ships and aircraft, as well as organizational, intermediate, and depot maintenance of ships and aircraft in the Navy RDT&E inventory.</p> <p>(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under RDT&E MANAGEMENT SUPPORT because it supports the operations and installations required for general research and development use.</p>											

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Exhibit R-2, RDTEN Budget Item Justification
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EXHIBIT R-2a, RDT&E Project Justification								DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-6		PROGRAM ELEMENT NUMBER AND NAME 0605863N - RDT&E,N Ship and Aircraft Support				PROJECT NUMBER AND NAME S0354 - RDT&E Ships Support					
COST (\$ in Millions)	Prior Year Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost		15.845	15.604	10.204						Continuing	Continuing
RDT&E Articles Qty											

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

(U) S0354, RDT&E Ships Support. This project provides for operation and maintenance of platforms used as Sea Based Test Sites in support of the Navy Research, Development, Test and Evaluation (RDT&E) program. These are the USS DOLPHIN (AGSS-555) and the Self-Defense Test Ship (SDTS). Testing aboard these platforms reduces the number of fleet units required to support RDT&E efforts. In the case of the SDTS, it provides the capability of testing self-defense weapons systems to within their minimum ranges. A major cost of this project is regularly scheduled ship maintenance. The remainder of the funds are used for purchase of supplies and equipment, fuel and petroleum products, repairs, and supporting modifications. Most costs are fixed and are associated with simply having these platforms in the inventory. A lesser portion of the costs varies with the tempo and type of ship operations and provides for systems improvements and replacement planning. The nature of the operation is determined by the overall Navy/DoD R&D testing program.

(U) USS DOLPHIN will support software upgrades testing of the MK50 and MK48 Advanced Capability (ADCAP) torpedoes, the New SSN (Fast Attack Submarine, Virginia Class) (NSSN) Material Qualification Program, ONR Littoral Warfare Advanced Development (LWAD) Program, Improved Extended Echo Ranging (IEER), Advanced Extended Echo Ranging (AEER), Advanced Deployable System (ADS), Submarine Mast Detection Radar (SMDR). Laser Airborne System - Hyperspectral (LASH), Airborne Low Frequency Sonar (ALFS), Tripartied Technology Cooperation Program (TTCP) and the Advanced Sea/Air/Land (SEAL) Delivery Program. Mobile Inshore Warfare Unit Arrays and the Seabased Weapons and Tactics School (SWATS) are also frequently supported by USS DOLPHIN. USS DOLPHIN provides support for numerous undersea surveillance, sonar, weapons, communications and imaging programs.

(U) The current and projected Anti-Ship Cruise Missile (ASCM) threats require self-defense weapons systems capable of adequately countering ASCMs into the year 2001 and beyond. The National Defense Authorizations Act for FY87, section 910, "Testing of Certain Weapons Systems and Munitions," requires live-fire lethality testing of manned weapons systems. Operational and safety constraints limit realistic live-fire lethality testing with U.S. Navy ships and thus drive the requirement for having an afloat, unmanned, remotely controlled SDTS. SDTS plans call for testing PHALANX, High Frequency Surface Wave Radar Advanced Technology Demonstration (ATD), the Rolling Airframe Missile (RAM) and future short range Anti-Air Warfare systems against realistic threat presentation in an at-sea environment.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. FY 2000 ACCOMPLISHMENTS:

- (U) (\$13.262) USS DOLPHIN supported DT&E and OT&E testing of the LWAD, IEER, AEER, ALFS, and ADS programs. USS DOLPHIN began a DoD Resource Enhancement Program (REP) upgrade to allow the submarine to bottom, added an advanced countermeasure system and certified the platform for heavy weight torpedo exercises. This upgrade was funded by REP and was required to meet Navy operational test deficiencies. DOLPHIN supported the Long Range Mine Reconnaissance System (LMRS) concept development efforts and Advanced Deployed System (ASDS) system upgrades. USS DOLPHIN continued to support near ocean bottom operations, torpedo exercises, fleet exercises and RDT&E programs modeling sonar propagation, testing sensors and communication systems. USS DOLPHIN conducted periodic phased maintenance to maintain certification and procured material to support continued operations. Restricted availability (RAV) began fourth quarter FY2000.

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Exhibit R-2a, RDTE Project Justification
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EXHIBIT R-2a, RDT&E Project Justification		DATE:
		June 2001
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-6	0605863N - RDT&E Ship and Aircraft Support	S0354 - RDT&E Ships Support
<p>- (U) (\$2.583) Ex-DECATUR/SDTS conducted live fire operations at NAVAIRWARCENWPNDIV Point Mugu, CA. Live fire testing included the RAM Helo Anti-Surface mode, and the ESSM. NAVSURFWARCENDIV Port Hueneme CA planned, scheduled, and performed combat systems operations and maintenance on board Self-Defense Test Ship (SDTS).</p> <p>2. FY 2001 PLANS:</p> <p>- (U) (\$13.388) USS DOLPHIN will complete RAV 3-5 by the end of April 2001. DOD REP modifications will be completed and tested at sea. USS DOLPHIN plans on supporting DT&E and OT&E testing of the LWAD, MK56 lightweight torpedo, AEER, ALFS, and ADS programs. USS DOLPHIN will continue to support near ocean bottom operations, torpedo exercises, fleet exercises and RDT&E programs modeling sonar propagation, testing sensors and communication systems. In addition, USS DOLPHIN will conduct periodic phased maintenance to maintain certification and procure material to support continued operations.</p> <p>- (U) (\$2.216) Ex-DECATUR/SDTS will conduct live fire operations at NAVAIRWARCENWPNDIV Point Mugu, CA. NAVSURFWARCENDIV Port Hueneme CA plans, schedules, and performs combat systems operations and maintenance on board Self-Defense Test Ship (SDTS).</p> <p>3. FY 2002 PLANS:</p> <p>- (U) (\$10.204) USS DOLPHIN plans on supporting DT&E and OT&E testing of the LWAD, MK48 ADCAP and MK54 torpedoes, AEER, ALFS and ADS programs. Hardware testing of Virtual Fused Glass Hull (VFGH) will begin. DT&E testing of the RADIANT BRONZE project for Tactical Exploitation of National Capabilities (TENCAP) will continue. DOLPHIN will continue to support near ocean bottom operations, torpedo exercises and RDT&E programs modeling sonar propagation, testing sensors and communication systems. In addition, USS DOLPHIN conducts periodic phased maintenance to maintain certification and procures material to support continued operations. Restricted Availability (RAV) 1-6 begins JULY 02.</p>		

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Exhibit R-2a, RDTEN Project Justification
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EXHIBIT R-2a, RDT&E Project Justification			DATE: June 2001
APPROPRIATION/BUDGET ACTIVITY RDTE, N / BA-6	PROGRAM ELEMENT NUMBER AND NAME 0605863N - RDT&E Ship and Aircraft Support	PROJECT NUMBER AND NAME S0354 - RDT&E Ships Support	

(U) B. PROGRAM CHANGE SUMMARY:

	FY2000	FY2001	FY2002
(U) FY 2001 President's Budget:	15.884	15.748	13.096
(U) Adjustments from the President's Budget:	0.039	-0.144	-2.892
(U) FY 2002 President's Budget	15.845	15.604	10.204

CHANGE SUMMARY EXPLANATION:

(U) Funding: The FY 2000 net decrease of \$.039 million consists of a \$.150 million minor reprogramming , a \$0.73 million decrease for Small Business Innovative Research assessment, a \$.062 million decrease for Congression Rescission, and a \$..054 million decrease for reprioritization of requirements within the Navy. The FY2001 net decrease of \$.144 million consists of a decrease of \$.110 million for a Congressional Reduction and a decrease of \$0.034 million for a Congressional Rescission. The FY 2002 net decrease of \$2.892 million consists of a \$3.110 million decrease for separate CLI for Self-Defense Test Ship (SDTS), a \$.012 million decrease for reprioritization of requirements within the Navy; offset by a \$.033 million increase for Program Support; and a \$.197 million increase for economic assumptions.

(U) Schedule: Not applicable.

(U) Technical: Not applicable.

(U) C. OTHER PROGRAM FUNDING SUMMARY: Not applicable.

(U) D. ACQUISITION STRATEGY: Not applicable.

(U) E. SCHEDULE PROFILE: Not applicable.

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Exhibit R-3 Cost Analysis (page 1)								DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-6			0605863N - RDT&E Ship and Aircraft Support			S0354 - RDT&E Ships Support						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
RAV	WR	Portsmouth Naval Shipyard	26.786	8.031	10/00	6.189	10/01			Continuing	Continuing	
PY Support	WR	Portsmouth Naval Shipyard	5.282	2.520	10/00	1.995	10/01			Continuing	Continuing	
SDTS	WR	Port Hueneme	8.904	2.223	10/00					Continuing	Continuing	
Maintenance/Home Porting	WR/RCP	SPAWAR	4.488	1.275	10/00	1.097	10/01			Continuing	Continuing	
Misc (Less than \$1M -aggregate)	WR	Various	6.206	1.555	10/00	0.923	10/01			Continuing	Continuing	
Subtotal Product Development			51.666	15.604		10.204				Continuing	Continuing	
<p>Remarks: This program has existed since 1968. The program management responsibilities were transferred to this office June 1997. Detailed execution data is not available prior to that date. The total prior year costs reflect execution data from FY97 through FY00.</p> <p>The Self-Defense Test Ship (SDTS) program was incorporated under CLI S2924 in FY02.</p>												
Subtotal Support			0.000	0.000		0.000				0.000	0.000	
<p>Remarks:</p>												

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Exhibit R-3 Cost Analysis (page 2)										DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-6			0605863N - RDT&E Ship and Aircraft Support			S0354 - RDT&E Ships Support						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Subtotal T&E			0.000	0.000		0.000				0.000	0.000	
Remarks:												
Subtotal Management			0.000	0.000		0.000				0.000	0.000	
Remarks:												
Total Cost			51.666	15.604		10.204				Continuing	Continuing	
Remarks:												

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EXHIBIT R-2a, RDT&E Project Justification								DATE:				
								June 2001				
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT NUMBER AND NAME				PROJECT NUMBER AND NAME						
RDT&E, N / BA-6		0605863N - RDT&E,N Ship and Aircraft Support				S2924 - RDT&E Self-Defense Test Ship						
COST (\$ in Millions)		Prior Year Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost			0.000	0.000	3.301						Continuing	Continuing
RDT&E Articles Qty												
(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:												
<p>(U) This project provides for the maintenance of Hull Mechanical and Electrical (HM&E) systems of the Self-Defense Test Ship (SDTS) in support of the Navy Research, Development, Test and Evaluation (RDT&E) of ship self-defense systems. Testing aboard this ship reduces the number of fleet units required to support RDT&E efforts. SDTS provides the capability of testing self-defense weapon systems within their minimum range. A major cost of this project is regularly scheduled ship maintenance. The remainder of the funds are used for purchase of supplies and equipment, fuel and petroleum products, repairs and supporting services. Most costs are fixed and are associated with simply having this platform in the inventory.</p>												
<p>(U) Current and projected Anti-Ship Cruise Missile (ASCM) threats require self-defense weapons systems capable of adequately countering ASCMs into the year 2001 and beyond. The National Defense Authorization Act for FY87, section 910, "Testing of Certain Weapons Systems and Munitions," requires live-fire lethality testing of manned weapons systems. Operational and safety constraints limit realistic live-fire lethality testing with U.S. Navy ships and thus drive the requirement for having an afloat, unmanned, remotely controlled SDTS. SDTS plans call for testing PHALANX, Evolved Sea Sparrow Missile (ESSM), High Frequency Surface Wave Radar Advanced Technology Demonstration (ATD), the Rolling Airframe Missile (RAM), and future short-range Anti-Air Warfare systems against realistic threat presentation in an at-sea environment.</p>												
1. FY 2002 PLANS:												
<p>- (U) (\$3.301) SDTS will conduct live fire operations at NAVAIRWARCENWPNDIV Point Mugu, CA. Life fire testing will include the RAM Helo Anti-Surface mode and the ESSM. NAVSURFWARCENDIV Port Hueneme CA will plan, schedule, and perform HM&E maintenance onboard SDTS in support of Long Pulse High Power Microwaves (HPM) System testing.</p>												

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APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
RDT&E, N / BA-6	0605863N - RDT&E Ship and Aircraft Support	S2924 - RDT&E Self-Defense Test Ship	
(U) B. PROGRAM CHANGE SUMMARY:			
	FY2000	FY2001	FY2002
(U) FY 2001 President's Budget:	0.000	0.000	3.294
(U) Adjustments from the President's Budget:	0.000	0.000	0.007
(U) FY 2002 President's Budget:	0.000	0.000	3.301
CHANGE SUMMARY EXPLANATION:			
(U) Funding: The FY 2002 net increase of \$.007 million consists of an increase of \$.011 million for Program Support and a \$.004 million decrease for reprioritization of requirements within the Navy.			
(U) Schedule: Not applicable.			
(U) Technical: Not applicable.			
(U) C. OTHER PROGRAM FUNDING SUMMARY: Not applicable.			
(U) D. ACQUISITION STRATEGY: Not applicable.			
(U) E. SCHEDULE PROFILE: Not applicable.			

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Exhibit R-3a, RDTEN Project Justification
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Exhibit R-3 Cost Analysis (page 1)								DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-6			0605863N - RDT&E Ship and Aircraft Support			S2924 - RDT&E Self-Defense Test Ship (STDS)						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Subtotal Product Development												
Remarks:												
Subtotal Support												
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)										DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY RDTE, N / BA-6			PROGRAM ELEMENT 0605863N - RDTE Ship and Aircraft Support				PROJECT NUMBER AND NAME S2924 - RDTE Self-Defense Test Ship (SDTS)					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	PHD NSWC, CA				3.096	10/01			Continuing	Continuing	
Subtotal T&E						3.096				Continuing	Continuing	
Remarks: FY01 costs were incorporated under CLI S0354.												
Program Management Support	C/CPFF	Anteon Corp				0.205	10/01			Continuing	Continuing	
Subtotal Management						0.205				Continuing	Continuing	
Remarks:												
Total Cost			0.000	0.000		3.301				Continuing	Continuing	
Remarks:												

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EXHIBIT R-2a, RDT&E Project Justification								DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-6		PROGRAM ELEMENT NUMBER AND NAME 0605863N - RDT&E,N Ship and Aircraft Support				PROJECT NUMBER AND NAME W0568 - RDT&E Aircraft Flight Hours					
COST (\$ in Millions)	Prior Year Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost		26.689	28.719	29.468						Continuing	Continuing
RDT&E Articles Qty											

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:
 RDT&E Aircraft Flight Hours. This non-acquisition project supports direct flight hour costs, including organizational and intermediate level maintenance, as well as associated consumables, including petroleum, oil, and lubricants (POL). These flight hours are used for post-maintenance test flights, aircrew training, and the accomplishment of pilot proficiency requirements (approximately 3 hours per pilot per month), in support of Research and Development programs at four Naval Air Systems Command/Naval Surface Warfare Center/Office of Naval Research (NAVAIR/NSWC/ONR) flight activities. Annual flight simulator training for Naval Air Warfare Center (NAWC) activities, as well as pilot/Naval Flight Officer (NFO) Standardization and Instrument check flights for Navy personnel assigned to Defense Logistics Agency (DLA) activities are also supported.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. FY 2000 ACCOMPLISHMENTS:

- (U) (\$26.569) Met approximately 75% of post-maintenance test flights, aircrew training, and proficiency flight hour requirements. Provided organizational and intermediate-level maintenance, supply and POL in support of RDT&E aircraft operations.
- (U) (\$.120) Supported pilot/NFO check flights for Defense Logistics Agency (DLA) activities.

2. FY 2001 PLANS:

- (U) (\$28.598) Meet 75% of post-maintenance test flights, aircrew training, and proficiency flight hour requirements. Provide organizational and intermediate-level maintenance, supply and POL in support of RDT&E aircraft operations.
- (U) (\$.121) Support pilot/NFO training and check flights for Defense Logistics Agency (DLA) activities.

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EXHIBIT R-2a, RDT&E Project Justification		DATE: June 2001
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-6	PROGRAM ELEMENT NUMBER AND NAME 0605863N - RDT&E Ship and Aircraft Support	PROJECT NUMBER AND NAME W0568 - RDT&E Aircraft Flight Hours
<p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS: Continued</p> <p>3. FY 2002 PLANS:</p> <ul style="list-style-type: none">- (U) (\$29.343) Meet post-maintenance test flights, aircrew training, and proficiency flight hour requirements. Provide organizational and intermediate-level maintenance, supply and POL in support of RDT&E aircraft operations.- (U) (\$.125) Support pilot/NFO training and check flights for Defense Logistics Agency (DLA) activities.		

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-6	PROGRAM ELEMENT NUMBER AND NAME 0605863N - RDT&E Ship and Aircraft Support	PROJECT NUMBER AND NAME W0568 - RDT&E Aircraft Flight Hours

(U) B. PROGRAM CHANGE SUMMARY:

	FY2000	FY2001	FY2002
(U) FY 2001 President's Budget:	28.364	29.028	30.625
(U) Adjustments from the President's Budget:	-1.675	-0.309	-1.157
(U) FY 2002 President's Budget:	26.689	28.719	29.468

CHANGE SUMMARY EXPLANATION:

(U) Funding: The FY 2000 net decrease of \$1.675 million consists of a \$.564 million decrease for reprioritization of requirements within the Navy, a \$1.000 million decrease to Project W0569 - Aircraft Support and a \$.111 million decrease for a Congressional Rescission. The FY 2001 net decrease of \$.309 million consists of a \$.043 million decrease for reprioritization of requirements within the Navy, a \$.203 decrease for a Congressional Reduction, and a \$.063M decrease for a Congressional Rescission. The FY 2002 net decrease of \$1.157 million consists of a \$.388 million decrease for the transfer of funds to Program Element 0605864N (MRTFB) to support the Pacific Missile Range Facility (PMRF) Project Unit W2921, a \$.184 million decrease for Separate CLI for Self-Defense Test Ship (SDTS), a \$.459 million decrease for economic assumptions, and a \$.126 million decrease for reprioritization of requirements within the Navy.

(U) Schedule: Not applicable.

(U) Technical: Not applicable.

(U) C. OTHER PROGRAM FUNDING SUMMARY: Not applicable.

(U) D. ACQUISITION STRATEGY: Not applicable.

(U) E. SCHEDULE PROFILE: Not applicable.

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Exhibit R-3 Cost Analysis (page 1)								DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-6			0605863N - RDT&E Ship and Aircraft Support			W0568 - RDT&E Aircraft Flight Hours						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Flight Hours	WX	NAWCAD, Pax River MD	75.694	16.657	10/00	17.091	10/01			Continuing	Continuing	
Flight Hours	WX	NAWCWD, Pt Mugu CA	50.641	9.793	10/00	10.049	10/01			Continuing	Continuing	
Flight Hours	WX	NSWC, Panama City FL	11.363	0.431	10/00	0.442	10/01			Continuing	Continuing	
Flight Hours	WX	NRL, Pax River MD	20.632	1.723	10/00	1.768	10/01			Continuing	Continuing	
DLA Flight Hours	WX/WR	Various	0.427	0.115	10/00	0.118	10/01			Continuing	Continuing	
Miscellaneous	WX/WR	Various	6.338								6.338	
Subtotal Product Development			165.095	28.719		29.468				Continuing	Continuing	
Remarks:												
Subtotal Support												
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NUMBER AND NAME						
RDT&E, N / BA-6			0605863N - RDT&E Ship and Aircraft Support				W0568 - RDT&E Aircraft Flight Hours						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract	
Subtotal T&E													
Remarks:													
Subtotal Management													
Remarks:													
Total Cost			165.095	28.719		29.468				Continuing	Continuing		
Remarks:													

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EXHIBIT R-2a, RDT&E Project Justification								DATE:				
								June 2001				
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT NUMBER AND NAME				PROJECT NUMBER AND NAME						
RDT&E, N / BA-6		0605863N - RDT&E,N Ship and Aircraft Support				W0569 - RDT&E,N Aircraft Support						
COST (\$ in Millions)		Prior Year Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost			29.647	31.018	28.897						Continuing	Continuing
RDT&E Articles Qty												
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>RDT&E Aircraft Support. This continuing project funds costs associated with Navy Research, Development, Test and Evaluation (RDT&E) fixed and rotary wing aircraft which accomodate test and evaluation of aircraft/weapon systems. Testing aboard these platforms reduces the number of fleet units required to support RDT&E efforts. Included in these costs are Aviation Depot-Level Repairables (AVDLRs), which are spare and replacement aircraft parts and components. In FY 1998, AVDLR costs were reclassified as direct (customer-funded) costs, and a portion of the AVDLR funding to support customer programs were redistributed to customers. The remainder of AVDLR funding was retained in the account to support overhead maintenance related flight operations, aircrew training, and proficiency flight hours. This project also funds airframe Standard Depot Level Maintenance (SDLM), in-service repairs, modifications, emergency repairs, and engine repair, as well as aircraft material condition and field inspections. Additionally, it funds Individual Material Readiness List (IMRL) tools and support equipment, modification of in-service aircraft, and other systems for application to and compatibility with RDT&E requirements. Special Flight Test Instrumentation Pool (SFTIP) equipment, shared by programs to reduce or eliminate procurement lead times and save money, is also supported.</p> <p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS:</p> <p>1. FY 2000 ACCOMPLISHMENTS:</p> <p>- (U) (\$17.729) The following programs were supported as planned while the Navy continued to develop the transition from Aircraft Service Period Adjustment (ASPA)/SDLM to the Planned Depot Maintenance (PDM) program: SDLM, IMRL, engine, and in-service repairs support and modifications of aircraft in the RDT&E inventory. Accomplished required Depot-Level Maintenance deferred to FY00. Operation and implementation of maintenance and material management programs at Naval Air Warfare Center activities continued.</p> <p>- (U) (\$9.799) AVDLR support for NAVAIRWARCENACDIV Patuxent River, Maryland, NAVAIRWARCENWPNDIV Point Mugu, California, Naval Research Laboratory, Patuxent River, Maryland, and Coastal Systems Station, Panama City, Florida was provided for approximately 75% of overhead flight hours, with RDT&E projects funding those AVDLR costs associated with project flight hours.</p> <p>- (U) (\$2.119) Special Flight Test Instrumentation Pool (SFTIP) equipment, shared by programs to reduce or eliminate procurement lead times and save money was also supported at NAVAIRWARCENACDIV Patuxent River, Maryland.</p> <p>2. FY 2001 PLANS:</p> <p>- (U) (\$16.289) Continue the transition from ASPA/SDLM to the PDM program, while sustaining the following programs: IMRL, engine, in-service repairs support and modifications of aircraft in the RDT&E inventory. Operation and implementation of maintenance and material management programs at Naval Air Warfare Center activities will continue.</p>												

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Exhibit R-2a, RDTEN Project Justification
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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: June 2001
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-6	PROGRAM ELEMENT NUMBER AND NAME 0605863N - RDT&E Ship and Aircraft Support	PROJECT NUMBER AND NAME W0569 - RDT&E Aircraft Support
<p>- (U) (\$10.388) AVDLR support for NAVAIRWARCENACDIV Patuxent River, Maryland, NAVAIRWARCENWPNDIV Point Mugu, California, Naval Research Laboratory, Patuxent River, Maryland, and Coastal Systems Station, Panama City, Florida will be provided for overhead flight hours, with RDT&E projects funding those AVDLR costs associated with project flight hours.</p> <p>- (U) (\$3.000) Planned Depot Maintenance (PDM) for Big Crow effort which is a national test, training and operational electronic warfare (EW) aircraft asset managed by the Army. The Big Crow is comprised of multi-spectral, multi-functional EW capabilities that emulate most known threat environments.</p> <p>- (U) (\$1.238) Special Flight Test Instrumentation Pool (SFTIP) equipment, shared by programs to reduce or eliminate procurement lead times and save money will be supported at NAVAIRWARCENACDIV Patuxent River, Maryland.</p> <p>- (U) (\$.103) Portion of extramural program reserved for Small Business Innovation Research (SBIR) assessment in accordance with 15 USC 68.</p> <p>3. FY 2002 PLANS:</p> <p>- (U) (\$16.692) Continue the transition from ASPA/SDLM to the PDM program, while sustaining the following programs: IMRL, engine, in-service repairs support and modifications of aircraft in the RDT&E inventory. Operation and implementation of maintenance and material management programs at Naval Air Warfare Center activities will continue.</p> <p>- (U) (\$10.930) AVDLR support for NAVAIRWARCENACDIV Patuxent River, Maryland, NAVAIRWARCENWPNDIV Point Mugu, California, Naval Research Laboratory, Patuxent River, Maryland, and Coastal Systems Station, Panama City, Florida will be provided for overhead flight hours, with RDT&E projects funding those AVDLR costs associated with project flight hours.</p> <p>- (U) (\$1.275) Special Flight Test Instrumentation Pool (SFTIP) equipment, shared by programs to reduce or eliminate procurement lead times and save money will be supported at NAVAIRWARCENACDIV Patuxent River, Maryland.</p>		

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Exhibit R-2a, RDTEN Project Justification
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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:
			June 2001
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
RDT&E, N / BA-6	0605863N - RDT&E Ship and Aircraft Support	W0569 - RDT&E Aircraft Support	
(U) B. PROGRAM CHANGE SUMMARY:			
	FY2000	FY2001	FY2002
(U) FY 2001 President's Budget:	28.523	31.352	28.462
(U) Adjustments from the President's Budget:	1.124	-0.334	0.435
(U) FY 2002 President's Budget:	29.647	31.018	28.897
CHANGE SUMMARY EXPLANATION:			
<p>(U) Funding: The FY 2000 net increase of \$1.124 million consists of a \$1.000 million increase for aircraft depot maintenance realignment from Project Unit W0568 - RDT&E,N Aircraft Flight Hours, a \$.125 million increase reprogramming for Intergovernmental Personnel Act (IPA), a \$.016 million increase for reprioritization of requirements in the Navy, a \$.103 million increase for additional aircraft rework, offset by a \$.112 million decrease for a Congressional Rescission, and a \$.008 million decrease for Small Business Innovation Research (SBIR) assessment. The FY 2001 net decrease of \$.334 million consists of a \$.047 decrease for reprioritization of requirements within the Navy, and a \$.219 decrease for Congressional Reduction and a \$.068 million decrease for Congressional Rescission. The FY 2002 net increase of \$.435 million consists of a \$1.215 million increase for Aircraft Depot Maintenance Realignment, and a \$.054 million increase for program support; offset by a \$.655 million decrease for economic assumptions, and a \$.179 million decrease for reprioritization of requirements within the Navy.</p> <p>(U) Schedule: Not applicable.</p> <p>(U) Technical: Not applicable.</p>			
(U) C. OTHER PROGRAM FUNDING SUMMARY: Not applicable.			
(U) D. ACQUISITION STRATEGY: Not applicable.			
(U) E. SCHEDULE PROFILE: Not applicable.			

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Exhibit R-2a, RDTEN Project Justification
(Exhibit R-2a, page 18 of 20)

CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 1)								DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-6			0605863N - RDT&E Ship and Aircraft Support			W0569 - RDT&E Aircraft Support						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
AVDLR	WX	Various	256.152	10.388	10/00	11.257	10/01			Continuing	Continuing	
Aircraft Rework (SDLM, PDM, IMC)	WX/MIPR	Various	75.085	13.425	10/00	10.257	10/01			Continuing	Continuing	
Engines	WX/MIPR	Various	37.441	2.975	10/00	2.936	10/01			Continuing	Continuing	
In-Service Repairs	WX	Various	13.603	1.772	10/00	1.881	10/01			Continuing	Continuing	
SFTIP	WX	NAWCAD Pax Riv MD	16.448	1.238	10/00	1.275	10/01			Continuing	Continuing	
Misc (Less than \$1M)	WX	Various	16.227	0.397	10/00	0.454	10/01			Continuing	Continuing	
Subtotal Product Development			414.956	30.195		28.060				Continuing	Continuing	
Remarks:												
Subtotal Support												
Remarks:												

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CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 2)										DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY RD&E, N / BA-6			PROGRAM ELEMENT 0605863N - RD&E Ship and Aircraft Support			PROJECT NUMBER AND NAME W0569 - RD&E Aircraft Support						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Subtotal T&E												
Remarks:												
Misc	WX/RX	Various		0.563	10/00	0.522	10/01			Continuing	Continuing	
Travel	WX	Various		0.260	10/00	0.315	10/01			Continuing	Continuing	
Subtotal Management				0.823		0.837				Continuing	Continuing	
Remarks:												
Total Cost			414.956	31.018		28.897				Continuing	Continuing	
Remarks:												

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Exhibit R-3, Project Cost Analysis
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