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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-7						R-1 ITEM NOMENCLATURE 0101402N Navy Strategic Communications					
COST (\$ in Millions)	Prior Years 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	0.000	0.000	0.000	4.205							
H0793 E-6 Service Life Assessment	0.000	0.000	0.000	0.000							
H3002 Navy Strategic Communications Project	0.000	0.000	0.000	4.205							
Quantity of RDT&E Articles Not Applicable											

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:
 (H0793) The E-6A was a military variant of the BOEING commercial 707 airframe with expected service life of 27,000 hours at the E-6A weight and operational tempo. Modification of aircraft to E-6B Airborne Command Post configuration increased maximum zero gross fuel weight and altered intended operational tempo without an associated service life assessment. The current service life assessment is outdated leading to unknown service life and inaccurate airframe inspection and maintenance plans. Completion of SLAP determines aircraft service life, identifies areas for extending aircraft life, directs future program efforts and will serve as the basis for a Service Life Extension Program.
 (H3002) This funding replaces the existing Digital Airborne Intercommunications Switching System (DAISS) and Very Low Frequency (VLF) Transmit terminal and adds Open Architecture capabilities to the E-6 Aircraft.

(U) JUSTIFICATION FOR BUDGET ACTIVITY:
 This program is funded under OPERATIONAL SYSTEMS DEVELOPMENT because it encompasses engineering and manufacturing development for upgrade of existing, operational systems.

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EXHIBIT R-2a, RDT&E Project Justification								DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-7		PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications				PROJECT NUMBER AND NAME H3002 Navy Strategic Communications Project					
COST (\$ in Millions)	Prior Years Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost				4.205							
RDT&E Articles Qty											

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:
(H3002) This funding replaces the existing Digital Airborne Intercommunications Switching System (DAISS) and Very Low Frequency (VLF) Transmit terminal and adds Open Architecture capabilities to the E-6 Aircraft.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. FY 2000 ACCOMPLISHMENTS: - Not Applicable
2. FY 2001 PLANS: - Not Applicable
3. FY 2002 PLANS:
 - (U) (\$ 2.215) Funding is in support of the replacement of DAISS and VLF Transmit terminal and addition of Open Architecture to the E-6.
 - (U) (\$ 1.850) Contract support services for the replacement of DAISS and VLF Transmit terminal and addition of Open Architecture to the E-6.
 - (U) (\$.140) Travel requirements to support Program personnel and NAWC personnel.

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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-7	PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications	PROJECT NUMBER AND NAME H3002 Navy Strategic Communications Project																								
<p>(U) B. PROGRAM CHANGE SUMMARY: Not Applicable</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">FY2000</td> <td style="text-align: center;">FY2001</td> <td style="text-align: center;">FY2002</td> </tr> <tr> <td>(U) FY 2001 President's Budget:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments from the President's Budget:</td> <td></td> <td></td> <td style="text-align: right;">4.205</td> </tr> <tr> <td>(U) FY 2002 President's Budget Submit:</td> <td></td> <td></td> <td style="text-align: right;">4.205</td> </tr> </table> <p>CHANGE SUMMARY EXPLANATION:</p> <p style="margin-left: 40px;">(U) Funding: The FY 2002 net increase of \$4.205 is for three new programs (DAISS, VLF, and Open System Architecture).</p> <p style="margin-left: 40px;">(U) Schedule: Not Applicable</p> <p style="margin-left: 40px;">(U) Technical: Not Applicable</p> <p>(U) C. OTHER PROGRAM FUNDING SUMMARY:</p> <table style="margin-left: 40px;"> <tr> <th style="text-align: left;"><u>Line Item No. & Name</u></th> <th style="text-align: right;">FY 2000</th> <th style="text-align: right;">FY 2001</th> <th style="text-align: right;">FY 2002</th> </tr> <tr> <td>056400 E-6A Series</td> <td style="text-align: right;">84.406</td> <td style="text-align: right;">60.130</td> <td style="text-align: right;">74.847</td> </tr> </table>				FY2000	FY2001	FY2002	(U) FY 2001 President's Budget:				(U) Adjustments from the President's Budget:			4.205	(U) FY 2002 President's Budget Submit:			4.205	<u>Line Item No. & Name</u>	FY 2000	FY 2001	FY 2002	056400 E-6A Series	84.406	60.130	74.847
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EXHIBIT R-2a, RDT&E Project Justification		DATE:																				
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME																				
RDTE, N / BA-7	0101402N Navy Strategic Communications	H3002 Navy Strategic Communications Project																				
<p>(U) D. ACQUISITION STRATEGY: Competitively Award Cost Plus Development Contract with follow on FFP Production Contract.</p> <p>(U) E. SCHEDULE PROFILE:</p> <table><thead><tr><th></th><th><u>FY 2000</u></th><th><u>FY 2001</u></th><th><u>FY 2002</u></th></tr></thead><tbody><tr><td>(U) Program Milestones</td><td></td><td></td><td></td></tr><tr><td>(U) Engineering Milestones</td><td></td><td></td><td></td></tr><tr><td>(U) T&E Milestones</td><td></td><td></td><td></td></tr><tr><td>(U) Contract Milestones</td><td></td><td></td><td></td></tr></tbody></table>				<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	(U) Program Milestones				(U) Engineering Milestones				(U) T&E Milestones				(U) Contract Milestones			
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Exhibit R-3 Cost Analysis (page 2)										DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-7			PROGRAM ELEMENT 0101402N Navy Strategic Communications				PROJECT NUMBER AND NAME H3002 Navy Strategic Communications Project					
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:												
											0.000	
Government Engineering Support	WX	NAWCAD PAX RIVER, MD				2.215	10/01			Continuing	Continuing	
Engineering Technical Services	RX	TBD				1.850	10/01			Continuing	Continuing	
Travel						0.140				Continuing	Continuing	
Subtotal Management			0.000	0.000		4.205				Continuing	Continuing	
Remarks:												
Total Cost			0.000	0.000		4.205				Continuing	Continuing	
Remarks:												

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Exhibit R-3, Project Cost Analysis
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