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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-5						R-1 ITEM NOMENCLATURE 0605500N MULTI-MISSION MARITIME AIRCRAFT *					
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*	0.000	0.000	0.000	53.804							
H2696 MULTI-MISSION MARITIME AIRCRAFT				53.804							
Quantity of RDT&E Articles	Not Applicable										
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Multi-mission Maritime Aircraft (MMA) program provides the replacement system's for the aging P-3/EP-3 aircraft. The MMA program is intended to meet the Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance Mission Need Statement (MNS) which was validated by the Joint Requirements Oversight Council on 29 FEB 00. The MMA program received Milestone 0 approval to proceed into Concept Exploration (CE) on 22 MAR 2000. New start notification was provided to Congress and concept exploration activities began in June, 2000 under Program Element 0702207N / Project Unit W2737. FY2002 funds Concept and Technology Development phase activities, to include the Component Advanced Development Phase.</p> <p>(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under Engineering and Manufacturing Development because it encompasses engineering and manufacturing development of new end-items prior to production approval decision.</p> <p>* This PE is new in FY 2002 and was erroneously left off the R-1 exhibit.</p>											

R-1 SHOPPING LIST - Item No. TBD

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EXHIBIT R-2a, RDT&E Project Justification								DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME 0605500N MULTI-MISSION MARITIME AIRCRAFT				PROJECT NUMBER AND NAME H2696 MULTI-MISSION MARITIME AIRCRAFT					
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	0.000	53.804							
RDT&E Articles Qty											

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

The Multi-mission Maritime Aircraft (MMA) program provides the replacement system(s) for the aging P-3/EP-3 aircraft. The MMA program is intended to meet the Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance Mission Need Statement (MNS) which was validated by the Joint Requirements Oversight Council on 29 FEB 00. The MMA program received Milestone 0 approval to proceed into Concept Exploration (CE) on 22 MAR 2000. New start notification was provided to Congress and concept exploration activities began in June, 2000 under Program Element 0702207N / Project Unit W2737. FY2002 funds Conce and Technolgy Development phase activities, to include the Component Advanced Development Phase.

(U) PROGRAM PLANS:

1. FY 2002 PLANS:

- (U) (\$38.000) Component Advanced Development phase contracts to evaluate MMA system alternative concepts. Scope of effort includes
 - Design MMA alternative concepts' weapon system achitectures
 - Conduct technical, logistic, cost, and risk analysis of each proposed MMA alternative concept
 - Apply Modeling & Simulation tools to validate proposed risk mitigations for each MMA alternative concept
 - Evaluate system requirements through cost/performance trade-off analysis
 - Conduct technical and cost analysis of a unmanned air vehicle (UAV) in the maritime role
 - Evaluate a UAV in the maritime role
- (U) (\$ 3.500) Provide engineering and technical support for the Component Advanced Development phase.
- (U) (\$10.304) Provide engineering and technical support for the MS B acquisition documentation, the AoA and the industry Componet Advanced Development (CAD) Phase studies.
- (U) (\$ 2.000) Provide management support for the MS B acquisition documentation, the AoA and the industry CAD Phase studies.

R-1 SHOPPING LIST - Item No. TBD

UNCLASSIFIED

Exhibit R-2a, RDTEN Project Justification
(Exhibit R-2a, page 2 of 6)

UNCLASSIFIED

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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-5	0605500N MULTI-MISSION MARITIME AIRCRAFT	H2696 MULTI-MISSION MARITIME AIRCRAFT
<p>(U) D. ACQUISITION STRATEGY: The Multi-Mission Maritime Aircraft (MMA) Milestone 0 was approved 22 March 2000 and the resulting Acquisition Decision Memorandum directed MMA to begin the CE phase consisting of an AoA and industry concept studies. These activities began 3Q/01 and were funded under Program Element 0702207N / Project Unit W2737. In FY2002 a Decision Review will be conducted to gain approval to enter the Component Advanced Development (CAD) Phase. The CAD phase will be a competitive award to multiple contractors to define alternative MMA concept system architectures and evaluate associated risks and proposed mitigations. Selection of MMA concept and approval to enter System Development and Demonstration (SDD) phase will occur at a MS B decision review in FY2003. The MMA program was initiated in response to the JROC validated MNS, "Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance". The Initial Operational Capability is planned for the FY2010-12 time period.</p>		
(U) E. SCHEDULE PROFILE:		
	<u>FY 2000</u>	<u>FY 2001</u>
(U) Program Milestones		<u>FY 2002</u> Component Advanced Development Phase Decision Review 2Q/02
(U) Engineering Milestones		
(U) T&E Milestones		
(U) Contract Milestones		Component Advanced Development Phase Contract(s) Award 2Q/02

R-1 SHOPPING LIST - Item No. TBD

UNCLASSIFIED

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Exhibit R-3 Cost Analysis (page 1)								DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY RD&E, N / BA-5			PROGRAM ELEMENT 0605500N MULTI-MISSION MARITIME AIRCRAFT			PROJECT NUMBER AND NAME H2696 MULTI-MISSION MARITIME AIRCRAFT						
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
Analysis	C/FFP	Johns Hopkins Univ-APL				3.500	01/02					
MMA CAD	TBD	TBD				38.000	01/02					
Subtotal Product Development			0.000	0.000		41.500						
Remarks:												
Technical Support	C/FP	RBC Inc., VA				0.600	01/02					
Government Engineering Support	WX	NAWCAD, Pax River, MD				9.704	01/02					
Subtotal Support			0.000	0.000		10.304						
Remarks:												

R-1 SHOPPING LIST - Item No. TBD

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Exhibit R-3 Cost Analysis (page 2)										DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5			PROGRAM ELEMENT 0605500N MULTI-MISSION MARITIME AIRCRAFT			PROJECT NUMBER AND NAME H2696 MULTI-MISSION MARITIME AIRCRAFT						
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	TBD	TBD										
Subtotal T&E			0.000	0.000		0.000						
Remarks:												
Govt Program Mangement Support	WX	NAWCAD, Pax River, MD				2.000	01/02					
Subtotal Management			0.000	0.000		2.000						
Remarks:												
Total Cost			0.000	0.000		53.804						
Remarks:												

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