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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-4						R-1 ITEM NOMENCLATURE 0603261N Tactical Airborne Reconnaissance					
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		1.956	2.332	1.934							
A2467 UAV CONOPS		1.956	2.332	1.934							
Quantity of RDT&E Articles Not Applicable											
<p>* The FY 01 budget reflects a \$0.400M Congressional Add for spares procurement for the Predator executed under A2851; which has been decreased by \$0.016M for Congressional Reductions.</p> <p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This program provides for the development of studies, analyses and demonstrations for Unmanned Aerial Vehicle (UAV) concept of operation (CONOP) development. Specifically: UAV CONOPS Research: The efforts supported under this program provide studies of CONOPS for UAV integration into USN Battlespace Dominance Operations. Specifically, the CONOPS research will evaluate the roles UAV's play in network centric warfare, sensor-to-shooter, and time critical strike (TCS). Areas of interest include the joint utility Global Hawk (LVL II-IV) integration into carrier battle group operations. The lessons learned from this research directly support the development of DoN requirements for multi-role endurance (MRE) UAV.</p> <p>(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under DEMONSTRATION & VALIDATION because it develops and integrates hardware for experimental test related to specific ship or aircraft applications.</p>											

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EXHIBIT R-2a, RDT&E Project Justification								DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-4		PROGRAM ELEMENT NUMBER AND NAME 0603261N Tactical Airborne Reconnaissance				PROJECT NUMBER AND NAME A2467 UAV CONOPS Research					
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		1.956	2.332	1.934							
RDT&E Articles Qty	Not Applicable										
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This program provides funding for concept of operation (CONOP) development, research and studies in the integration of tactical unmanned aerial vehicles into Naval Strike Warfare. The efforts supported under this program provide studies of CONOPS for UAV integration into USN Battlespace Dominance Operations. Specifically, the CONOPS research will evaluate the roles UAV's play in network centric warfare, sensor-to-shooter, and time critical strike. Areas of interest include the joint utility of Global Hawk (LVL II-IV) and Predator (LVL IV) integration into carrier battle group operations.</p> <p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS:</p> <p>1. FY 2000 ACCOMPLISHMENTS:</p> <ul style="list-style-type: none"> - (U) (\$ 1.387) Provided UAV Support to the annual Desert Rescue VIII Joint Exercise at NAS Fallon. Specifically, Navy Predator UAV's were used in direct support of time critical strike (TCS level 4) armed reconnaissance, combat search and rescue, special operations insertions and extractions, and communications relay. Also, provided UAV support to Carrier Air Wing Three's (CVW-3's) predeployment exercise at NAS Fallon. Specifically, Navy Predator's were used in direct support of battlespace airwing dominance missions. CVW-3 aircrew received training in UAV operations and employment and were responsible for vehicle and payload control (TCS level 4) during mission execution. Additionally, Navy Predator's were used to cue or be cued by other organic CVW reconnaissance assets like F-14 TARPS completely digital. - (U) (\$ 0.569) Funded miscellaneous efforts including technical and management support. <p>2. FY 2001 PLANS:</p> <ul style="list-style-type: none"> - (U) (\$1.833) Continue studies and demonstrations for CONOPS development into Naval Strike Warfare. - (U) (\$0.115) Funds miscellaneous efforts. - (U) (\$0.384) Spares procurement for Predator <p>3. FY 2002 PLANS:</p> <ul style="list-style-type: none"> - (U) (\$1.824) Continue studies and demonstrations for CONOPS development into Naval Strike Warfare. - (U) (\$0.110) Funds miscellaneous efforts. 											

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EXHIBIT R-2a, RDT&E Project Justification		DATE:	
APPROPRIATION/BUDGET ACTIVITY		June 2001	
RDT&E, N / BA - 4	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
	0603261N Tactical Airborne Reconnaissance	A2467 UAV CONOPS Research	
(U) B. PROGRAM CHANGE SUMMARY:			
	FY2000	FY2001	FY2002
(U) FY 2001 President's Budget:	1.964	1.956	1.950
(U) Adjustments from the President's Budget:	-0.008	0.376	-0.016
(U) FY 2002/2003 OSD Budget Submit:	1.956	2.332	1.934
CHANGE SUMMARY EXPLANATION:			
(U) Funding:	The FY 2000 net decrease consists of a \$0.008 million decrease for a Congressional Rescission. The FY 2001 net increase of \$0.376 million consists of a \$0.400 million increase for spares procurement for Predator UAV, a \$0.016 million decrease for a Congressional Reduction, and a \$0.003 million decrease for a reprioritization of requirements within the Navy and a \$0.005 million decrease for a Congressional Rescission. The FY 2002 net decrease of \$0.016 million is due to a reprioritization of requirements within the Navy.		
(U) Schedule:	N/A		
(U) Technical:	N/A		
(U) C. OTHER PROGRAM FUNDING SUMMARY: N/A			
(U) D. ACQUISITION STRATEGY: N/A			
(U) E. SCHEDULE PROFILE: N/A			

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Exhibit R-2a, RD TEN 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-4			0603261N Tactical Airborne Reconnaissance				A2467 UAV CONOPS Research						
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
Product Development	WX	NSAWC Fallon ,Nevada	1.387	1.833	12/00	1.824	12/01						
Predator Spares *	RX	NPG Monterey, CA		0.384	12/00								
Subtotal Product Development			1.387	2.217		1.824							
Remarks: * Congressional Add for Spares procurement for Predators.													
Subtotal Support			0.000	0.000		0.000							
Remarks:													

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Exhibit R-3 Cost Analysis (page 2)										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-4			PROGRAM ELEMENT 0603261N Tactical Airborne Reconnaissance				PROJECT NUMBER AND NAME A2467 UAV CONOPS Research						
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							
Remarks:													
Government Engineering Support	WX	Various/NSWC Ind Hd. Md.	0.560	0.115	12/00	0.110	12/01						
Travel	WX	CNO-N88 Washington DC	0.009										
Subtotal Management			0.569	0.115		0.110							
Remarks:													
Total Cost			1.956	2.332		1.934							
Remarks:													

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Exhibit R-3, Project Cost Analysis
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