

# UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification										DATE: <b>June 2001</b>	
APPROPRIATION/BUDGET ACTIVITY <b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY / BA-05</b>						R-1 ITEM NOMENCLATURE 0604312N Tri-Service Standoff Attack Missile (TSSAM)					
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	7.006	1.913	3.503	1.946							
A2242 Joint Air to Surface Standoff Missile (JASSM)	7.006	1.913	3.503	1.946							
Quantity of RDT&E Articles	Not Applicable										
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>The Joint Air to Surface Standoff Missile (JASSM) program is a FY-96 new start follow-on weapon system to the canceled Tri-Service Standoff Attack Missile (TSSAM). It is a joint Air Force/Navy program. JASSM is a long range, conventional air-to-surface, autonomous precision guided, standoff cruise missile compatible with fighter and bomber aircraft and able to attack a variety of fixed and relocatable targets. JASSM will carry a 1,000 pound class penetrator warhead. Initial integration efforts will be on the B-52 and F-16. The F/A 18 E/F, C/D, S-3, P-3 and JSF are currently designated as Navy objective platforms for JASSM. Carrier Operability is one of the Key Performance Parameters (KPP) for JASSM. The budget covers only the cost of Navy unique testing required to meet the Carrier Operability KPP. The Navy has not made a procurement decision with regards to the JASSM missile and R&amp;D funding currently ends after FY02. In FY01, \$1.500 million was added to support Carrier Operability in preparation for the 1Q 02 LRIP decision.</p> <p>(U) JUSTIFICATION FOR BUDGET ACTIVITY:</p> <p>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>*Note: FY2000 and prior year funding shown under Project Unit E2242.</p>											

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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-05		0604312N TSSAM				A2242 JASSM						
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		7.006	1.913	3.503	1.946							
RDT&E Articles Qty Not Applicable												
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>The Joint Air to Surface Standoff Missile (JASSM) program is a FY-96 new start follow-on weapon system to the canceled Tri-Service Standoff Attack Missile (TSSAM). It is a joint Air Force/Navy program. JASSM is a long range, conventional air-to-surface, autonomous precision guided, standoff cruise missile compatible with fighter and bomber aircraft and able to attack a variety of fixed and relocatable targets. JASSM will carry a 1,000 pound class penetrator warhead. Initial integration efforts will be on the B-52 and F-16. The F/A 18 E/F, C/D, S-3, P-3 and JSF are currently designated as Navy objective platforms for JASSM. Carrier Operability is one of the Key Performance Parameters (KPP) for JASSM. The budget covers only the cost of Navy unique testing required to meet the Carrier Operability KPP. The Navy has not made a procurement decision with regards to the JASSM missile and R&amp;D funding currently ends after FY02. In FY01, \$1.500 million was added to support Carrier Operability in preparation for the 1Q 02 LRIP decision.</p> <p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS:</p> <p>1. FY 2000 ACCOMPLISHMENTS: *(Funded under PU E2242)</p> <ul style="list-style-type: none"> <li>- (U) (\$0 - Air Force Funded) Launched first powered JASSM Flight Test Vehicle, JASSM FTV-3 (Nov 99)</li> <li>- (U) (\$0.550) Funded Lockheed Martin CLIN 1002 for Navy Carrier Operability unique requirements.</li> <li>- (U) (\$1.363) Continued Carrier Operability and ship suitability testing.</li> </ul> <p>2. FY 2001 PLANS:</p> <ul style="list-style-type: none"> <li>- (U) (\$0.410) Lockheed Martin CLIN 1002 for Navy Carrier Operability unique requirements.</li> <li>- (U) (\$3.084) Continued Carrier Operability and ship suitability testing (E3 Testing, Load Adapter Development, Cats/Traps Flight Clearance).</li> <li>-(U) (\$0.009) Small Business Innovative Research Assessment.</li> </ul> <p>3. FY 2002 PLANS:</p> <ul style="list-style-type: none"> <li>- (U) (\$0.200) Lockheed Martin CLIN 1002 for Navy Carrier Operability unique requirements.</li> <li>- (U) (\$1.746) Continued Carrier Operability and ship suitability testing (Qual Navy Load Adapter).</li> </ul>												

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## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: <b>June 2001</b>
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-05</b>	PROGRAM ELEMENT NUMBER AND NAME 0604312N TSSAM	PROJECT NUMBER AND NAME A2242 JASSM

(U) B. PROGRAM CHANGE SUMMARY:

	FY2000	FY2001	FY2002
(U) FY 2001 President's Budget:	2.020	2.024	1.986
(U) Adjustments from the President's Budget:	-0.107	1.479	-0.040
(U) FY 2002 President's Budget Submit:	1.913	3.503	1.946

CHANGE SUMMARY EXPLANATION:

(U) Funding: The FY 2000 net decrease of \$0.107 million reflects a \$0.088 million decrease for a Small Business Innovative Research (SBIR) assessment , a \$.008 million decrease for a Congressional Recission, and a \$.011 million decrease for a Repriorization of Requirements within the Navy. The FY 2001 net increase of \$1.479 million is due to a \$1.500 million increase to support Carrier Operability testing, a \$.003 million decrease for a Reprioritization of Requirements within the Navy, a \$.014 million decrease for a Congressional Reduction, and a \$.004 million decrease for a Congressional Recission. The FY 2002 net decrease of \$.040 million is due to a \$.007million decrease for a Reprioritization of Requirements within the Navy and a \$.033 million decrease for Economic Assumptions.

(U) Schedule: II schedules are JASSM joint service program changes and are not Navy specific. Following the FTV-1 failure/analysis and concerns with some subcontractor hardware deliveries, the EMD program has gone through a modification. An additional 10 months have been added to EMD, which began in Nov 1998 and now runs for 50 months, resulting in a one-year slip of IOT&E; Low Rate Initial Production (LRIP) award has also moved 10 months from 3Q/01 to 1Q/02.

(U) Technical: Not Applicable.

\* Funding in FY2000 was under PU E2242

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

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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-05	0604312N TSSAM	A2242 JASSM	
<p>(U) D. ACQUISITION STRATEGY: The Navy has not made a procurement decision regarding JASSM.</p> <p>(U) E. SCHEDULE PROFILE: The schedule provided below contains major program milestones as well as specific Navy Carrier Operability events necessary for LRIP and MS III.</p>			
	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
(U) Program Milestones			1Q LRIP Decision/Award
(U) Engineering Milestones			2Q B-52 Flight Cert
(U) T&E Milestones	1Q Begin Contractor DT/OT	2Q Begin DT/OT - Navy JASSM E3 Tests	2Q F/A-18E/F Cats/Traps 2Q Begin IOT&E - OT&E Readiness Certification
(U) Contract Milestones			
*LRIP and Lot quantities funded by USAF.			

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Exhibit R-3 Cost Analysis (page 1)								DATE: <b>June 2001</b>				
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-05</b>			PROGRAM ELEMENT 0604312N TSSAM			PROJECT NUMBER AND NAME A2242 JASSM						
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
AoA/Carrier Operabilit/Ship Suitability	WR	NAWC-WD	1.340	0.895	10/01	0.500	10/02					
SLAM-ER CARD Dev to Spt AoA	WR	NAWC-WD	0.300									
SLAM-ER/JASSM AoA Spt	SS/CPFF	Boeing thru PMA-258	1.600									
Carrier Operability/Ship Suitability	Misc	Various	3.716	2.189	10/01	1.246	Various					
Navy CLIN 1002	CPAF	Lockheed	1.702	0.370	10/01	0.175	10/02					
Small Business Innovative Research				0.009								
Award Fees			0.261	0.040	05/01	0.025	03/02					
Subtotal Product Development			8.919	3.503		1.946						
Remarks: Work performed for SLAM-ER/JASSM AoA Support and SLAM-ER CARD Development was a one-time resource sponsor directed action for increased Navy participation in the JASSM Analysis of Alternatives process. PMA-258 conducted the actual comparative analysis between JASSM and SLAM-ER. All efforts reflected in Product Development are in support of JASSM Carrier Operability, which is a Key Performance Parameter. This effort is Navy unique. No Navy aircraft integration efforts or mission planning functions are funded in this line. All other JASSM efforts are being funded by the Air Force as the executive service.												
Subtotal Support			0.000	0.000		0.000						
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)										DATE: <b>June 2001</b>			
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-05</b>			PROGRAM ELEMENT 0604312N TSSAM				PROJECT NUMBER AND NAME A2242 JASSM						
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:													
Subtotal Management			0.000	0.000		0.000							
Remarks:													
Total Cost			8.919	3.503		1.946							
Remarks:													

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Exhibit R-3, Project Cost Analysis  
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