

UNCLASSIFIED

EXHIBIT R-2, FY 2000 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET

DATE: February 1999

BUDGET ACTIVITY: 05

PROGRAM ELEMENT: 0604312N

PROGRAM ELEMENT TITLE: Tri-Service Standoff Attack Missile (TSSAM)

(U) COST: (Dollars in Thousands)

<u>Project Number & Title</u>	<u>FY 1998 Actuals</u>	<u>FY 1999 Budget</u>	<u>FY 2000 Estimate</u>	<u>FY 2001 Estimate</u>	<u>FY 2002 Estimate</u>	<u>FY 2003 Estimate</u>	<u>FY 2004 Estimate</u>	<u>FY 2005 Estimate</u>	<u>To Complete</u>	<u>Total Program</u>
<u>E2242 Joint Air to Surface Standoff Missile (JASSM)</u>										
TOTAL	5,251	2,055	2,020	2,036	2,037	2,027	2,084	2,136	Cont	Cont
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Joint Air to Surface Standoff Missile (JASSM) program is an 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, F-14, S-3, and P-3 are currently designated as Navy objective platforms for JASSM. Carrier Operability is one of the Key Performance Parameters (KPP) for JASSM. The FY98-05 Navy budget covers only the cost of Navy unique testing required to meet the Carrier Operability KPP.

*Note Project number has changed from A2242 to E2242.

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EXHIBIT R-2a, FY 2000 RDT&E,N BUDGET PROJECT JUSTIFICATION SHEET

DATE: February 1999

BUDGET ACTIVITY: 05

PROGRAM ELEMENT: 0604312N
PROGRAM ELEMENT TITLE: TSSAM

PROJECT NUMBER: E2242
PROJECT TITLE: JASSM

(U) COST: (Dollars in Thousands)

<u>Project Number & Title</u>	<u>FY 1998 Budget</u>	<u>FY 1999 Budget</u>	<u>FY 2000 Estimate</u>	<u>FY 2001 Estimate</u>	<u>FY 2002 Estimate</u>	<u>FY 2003 Estimate</u>	<u>FY 2004 Estimate</u>	<u>FY 2005 Estimate</u>	<u>To Complete</u>	<u>Total Program</u>
TOTAL	5,251	2,055	2,020	2,036	2,037	2,027	2,084	2,136	Cont	Cont

Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0
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(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Joint Air to Surface Standoff Missile (JASSM) program is an FY-96 new start follow-on weapon system to the canceled Tri-Service Standoff Attack Missile (TASSM). 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 E/F, C/D, F-14, S-3, and P-3 are currently designated as Navy objective platforms for JASSM. Carrier Operability is one of the Key Performance Parameters (KPP) for JASSM. The FY98-05 Navy budget covers only the cost of Navy unique testing required to meet the Carrier Operability KPP.

*Note Project number has changed from A2242 to E2242.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. FY 1998 ACCOMPLISHMENTS:

- (U) (\$0 - Air Force funded) Downselect to single JASSM contractor—Lockheed Martin (9 Apr 98). Complete PDRR.
- (U) (\$1,900) SLAM-ER CARD development and efforts for SLAM-ER participation in JASSM Analysis of Alternatives (AOA).
- (U) (\$3,351) Carrier operability and ship suitability testing and AOA participation.

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2. (U) FY 1999 PLAN:

- (U) (\$2,038) Continue carrier operability and ship suitability testing requirements.
- (U) (\$ 17) Portion of extramural program reserved for Small Business Innovation Research assessment in accordance with 15 USC 638.

3. (U) FY 2000 PLAN:

- (U) (\$2,020) Continue carrier operability and ship suitability testing requirements.

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B. (U) PROGRAM CHANGE SUMMARY:

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>
(U) FY 1999 President's Budget:	+3,794	+2,064	+2,056
(U) Appropriated Value:	5,456	2,064	
(U) Adjustments from 1999 Pres Budget:	+1,457	-9	-36
(U) FY 2000/2001 President's Budget Submit:	5,251	2,055	2,020

(U) CHANGE SUMMARY EXPLANATION:

(U) Funding: The FY 1998 net increase of \$1,457 reflects an increase of \$1,500 for Catapult and Trap testing to satisfy the Carrier Operability KPP and a decrease of \$43 reflects a reprioritization of requirements. The FY 1999 and FY 2000 adjustment reflects minor inflation adjustments.

(U) Schedule: All schedules are JASSM program, not Navy specific. EMD began in Nov 1998 as scheduled; however, the Milestone II decision extends the EMD program by six months. EMD is now 40 months (was 34 months); Low Rate Initial Production (LRIP) decision now Jan 2001 (was July 2000); Milestone III now July 2002 (was January 2002).

(U) Technical: All technical changes are JASSM program, not Navy specific. Risk reduction activities resulting from the six-month extension to EMD include additional ground test, captive flight test, modeling, and simulation. In addition, JASSM mission planning software will migrate from the Combat Intelligence System (CIS) to Theater Battle Management Core System (TBMCS) which is replacing CIS.

c. (U) OTHER PROGRAM FUNDING SUMMARY: (Dollars in thousands)

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>TO</u>	<u>TOTAL</u>
<u>Appn</u>	<u>Actual</u>	<u>Budget</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	<u>Program</u>
USAF, PAAF	0	0	0	52,290	52,564	106,582	145,451	152,044	688,654	1,197,585

USAF, RDT&E: U.S. Air Force P.E. 0207325F (Joint Air to Surface Standoff Missile (JASSM))

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>To</u>	<u>Total</u>
	<u>Actual</u>	<u>Budget</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	<u>Program</u>
	163,801	125,839	166,408	71,022	53,578	21,057	9,224	6,052	0	805,273

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(U) D. ACQUISITION STRATEGY:

(U) E. SCHEDULE PROFILE

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>TO COMPLETE</u>
Program Milestones		1Q/MSII		2Q/LRIP
Engineering Milestones				
T&E Milestones				
Contract Milestones		1Q/EMD		

All milestone activities reflect JASSM programatic milestones, not Navy specific events.

*LRIP quantities funded by USAF.

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EXHIBIT R-3, FY 2000/2001 RDT&E,N COST ANALYSIS

DATE: February 1999

BUDGET ACTIVITY: 05

PROGRAM ELEMENT: 0604321N

PROJECT NUMBER: E2242

PROJECT TITLE: JASSM

<u>Cost Categories:</u>	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior Yrs Cost</u>	<u>FY 1999 Cost</u>	<u>FY 1999 Award Date</u>	<u>FY 2000 Cost</u>	<u>FY 2000 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
a) Product Development										
JASSM ANALYSIS OF ALTERNATIVES (AoA)/CARRIER OPERABILITY-SHIP SUITABILITY	WX	NAWC-WD	1,193	1,136	10/01/98	425	10/01/99	CONT	CONT	
SLAM-ER CARD DEV TO SUPT JASSM AoA	WX	NAWC-WD	300	0	N/A	0	N/A	0	300	
SLAM-ER/JASSM AoA SUPT.	SS/CPFF	BOEING	1,600	0	N/A	0	N/A	0	1,600	1600
CARRIER OPERABILITY/SHP SUITABILITY TESTING	Misc	JASSM	2,158	919	Misc	1,595	Misc	CONT	CONT	
Subtotal Product Development			5,251	2,055		2,020		CONT	CONT	
Remarks: Work performed by PMA-258 was a one-time resource sponsor directed action for increased Navy participation in the JASSM Analysis of Alternatives process. PMA-258 conducted comparative analysis between JASSM and SLAM-ER. All efforts reflected in Product Development are in support of Carrier Operability development. This effort is Navy unique. All other JASSM efforts are being funded by the Air Force as the executive service. No aircraft integration efforts are funded in this line.										
b. Support										
	None									
Subtotal Support			0	0		0		0	0	
Remarks:										
c. Test & Evaluation										
	None									
Subtotal Test & Evaluation			0	0		0		0	0	
Remarks:										
d. Management										
	None									
Subtotal Management			0	0		0		0	0	
Remarks:										
Total Cost			5,251	2,055		2,020		CONT	CONT	

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