

UNCLASSIFIED

EXHIBIT R-2, FY 2001 PRESIDENT' S BUDGET ITEM JUSTIFICATION SHEET

DATE: FEBRUARY 2000

BUDGET ACTIVITY: 5

PROGRAM ELEMENT: 0604603N

PROGRAM ELEMENT TITLE: Unguided Conventional Air-Launched Weapons

(U) COST: (Dollars in Thousands)

<u>Project Number & Title</u>	<u>FY 1999 Actual</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>
A2183 SLAM ER	6,156	1,589	2,581	2,979	4,432	4,489	4,634	CONT.	CONT.
TOTAL	6,156	1,589	2,581	2,979	4,432	4,489	4,634	CONT.	CONT.

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

(U) A2183/STANDOFF LAND ATTACK MISSILE - EXPANDED RESPONSE (SLAM ER) Description: This program funds the development of SLAM (ER) designed to improve performance in the areas of launch and control aircraft survivability, immunity to countermeasures, probability of kill against hardened targets and improved user interfaces for both missile planning and launch aircraft integration. The SLAM ER system consists of hardware and software upgrades to the missile, software upgrades to the F/A-18 aircraft, and software upgrades to the Joint Mission Planning System (JMPS).

(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under ENGINEERING & MANUFACTURING DEVELOPMENT because it encompasses engineering and manufacturing development of new end-items prior to production approval decision.

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EXHIBIT R-2a, FY 2001 PRESIDENT' S BUDGET PROJECT JUSTIFICATION SHEET

DATE: FEBRUARY 2000

BUDGET ACTIVITY: 5

PROGRAM ELEMENT: 0604603N

PROJECT NUMBER: A2183

**PROGRAM ELEMENT TITLE: Unguided Conventional
Air-Launched Weapons**

PROJECT TITLE: SLAM ER

(U) COST: (Dollars in Thousands)

<u>Project Number & Title</u>	<u>FY 1999 Actual</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>
A2183 SLAM ER	6,156	1,589	2,581	2,979	4,432	4,489	4,634	CONT.	CONT.
TOTAL	6,156	1,589	2,581	2,979	4,432	4,489	4,634	CONT.	CONT.

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

A2183/STANDOFF LAND ATTACK MISSILE - EXPANDED RESPONSE (SLAM ER) Description : This program funds the development of SLAM ER designed to improve performance in the areas of launch and control aircraft survivability, immunity to countermeasures, probability of kill against hardened targets and improved user interfaces for both missile planning and launch aircraft integration. The SLAM ER consists of both hardware and software upgrades to the missile. SLAM ER incorporates many non-development items i.e., the Embedded Global Positioning System/Inertial Navigation System (GPS/INS) (EGI), modified Tomahawk wings and warhead, and the existing advanced mode of the AWW-13 data link pod. The Automatic Target Acquisition (ATA) tracker is being integrated into the SLAM ER missile to enhance its capability to attack and kill in low thermal contrast, small targets in cluttered urban scenes, and in poor weather. The ATA capability will also reduce the overall number of Standoff Outside Area Defense (SOAD) missiles needed by increasing the probability of kill for part of the target set. In addition, ATA increases pilot and aircraft survivability by minimizing the time that the pilot needs to fly with his head down to control the weapon. SLAM ER (+) incorporates ATA. To accommodate future U.S. Air Force and Navy aircraft integration, SLAM ER will incorporate a MIL-STD-1760 interface. The SLAM ER Mission Planning Module (MPM) development and modifications are required to remain compatible with the changes to the Tactical Aircraft Mission Planning System (TAMPS) and to migrate to the Joint Mission Planning System. SLAM ER aircraft software integration efforts need to remain compatible with ongoing F/A-18 periodic software builds.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. FY 1999 ACCOMPLISHMENTS:

- (U) (\$ 1,498) Completed contractor SLAM ER (+) Engineering & Manufacturing Development (E&MD) efforts.
- (U) (\$ 2,957) Continued SLAM ER Operational Test and Evaluation.
- (U) (\$ 261) Continued systems engineering, government and contractor support.
- (U) (\$ 1,440) Completed F/A-18 OFP 15C ATA software and started F/A-18 OFP 17C software.

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PROJECT NUMBER: A2183

**PROGRAM ELEMENT TITLE: Unguided Conventional
Air Launched Weapons**

PROJECT TITLE: SLAM ER

2. FY 2000 PLAN:

- (U) (\$ 902) Continue conversion of SLAM/SLAM ER TAMPS MPM, and F/A-18 MPM into planning components of the JMPS.
- (U) (\$ 623) Continue Missile Flight Test and Evaluation to support TAMPS evolutionary acquisition strategy.
- (U) (\$ 64) Continue systems engineering, government and contractor support.

3. FY 2001PLAN:

- (U) (\$ 1,963) Continue conversion of SLAM/SLAM ER TAMPS MPM, and F/A-18 MPM into planning components of the JMPS.
- (U) (\$ 554) Continue Missile Flight Test and Evaluation to support TAMPS evolutionary acquisition strategy.
- (U) (\$ 64) Continue systems engineering, government and contractor support.

(U) B. PROGRAM CHANGE SUMMARY

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
(U) FY 2000 President' s Budget:	5,122	1,598	2,928
(U) Appropriated Value:	5,183	1,598	
(U) Adjustments from President' s Budget:	1,034	-9	-347
(U) FY 2001 President' s Budget Submit:	6,156	1,589	2,581

CHANGE SUMMARY EXPLANATION:

- (U) Funding: The FY 1999 increase of \$1,034 thousand reflects a \$91 thousand decrease for a Small Business Innovative Research (SBIR) assessment/inflation savings and a \$1,125 thousand increase for additional missile flight test and evaluation. The FY 2000 decrease reflects a \$9 thousand reduction for an Across-the Board Congressional Rescission. The FY 2001 decrease of \$347 thousand reflects a \$11 thousand decrease for appropriation balancing by the resource sponsor, a \$20 thousand decrease for revised economic assumptions, a \$316 thousand decrease for Strategic Source Plan Savings and Navy Working Capital Fund (NWCF) adjustments.
- (U) Schedule: Schedule changes based on expanded Verification of Correction Deficiencies(OT IIB) and revised MSIII date in accordance with Navy Program Decision meeting on 10 August 1999.
- (U) Technical: N/A

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BUDGET ACTIVITY: 5

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PROJECT NUMBER: A2183

**PROGRAM ELEMENT TITLE: Unguided Conventional
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PROJECT TITLE: SLAM ER

(U) C. OTHER PROGRAM FUNDING SUMMARY

<u>Appn</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>WPN Line 8</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>
SLAM ER	61,565	24,730	27,859	26,249	25,691	26,273	26,886	266,909

Related RDT&E: N/A

(U) D. ACQUISITION STRATEGY: This is a non-ACAT I program with no specific acquisition strategies.

(U) E. SCHEDULE PROFILE:

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>To Complete</u>
(U) Program Milestones		3Q/00 IOC 3Q/00 MSIII	2Q/01 ATA IOC	
(U) Engineering Milestones				
(U) T&E Milestones		1Q/00 OTRR 1Q/00 VCD (OT-IIB) 3Q/4Q/00 DTATA 4Q/00 FOT&E/ATA	1Q/01 FOT&E/ATA	
(U) Contract Milestones	4Q/99 LRIP III	2Q/00 LRIP III OPTION	3Q/01 FRP II 3Q/00 FRP I	

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EXHIBIT R-3, FY 2001 PRESIDENT' S BUDGET COST ANALYSIS

DATE: FEB 2000

BUDGET ACTIVITY: 5

PROGRAM ELEMENT: 0604603N

PROJECT NUMBER: A2183
PROJECT TITLE: SLAM ER

<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>FY 2001 Cost</u>	<u>FY 2001 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
TAMPS Software Development	SS/CPIF	BOEING, MO	123,712	1,498	1/99	625	1/00	1,563		CONT.	CONT.	CONT.
Miscellaneous	Various	Various	44,263	1,440	Various	277	11/99	400	Various	CONT.	CONT.	CONT.
Subtotal Product Development			167,975	2,938		902		1,963				
Miscellaneous	WX		776	261	1/99	64		64				
Subtotal Support			776	261		64		64				
Missile Flight T&E	WX	NAWC-WD	19,405	2,957	11/98	623	11/99	554	01/01	CONT.	CONT.	
Subtotal Test & Evaluation			19,405	2,957		623		554		CONT.	CONT.	
Subtotal Management			0	0		0		0		0	0	
SBIR Assessment												
Total Cost			188,156	6,156		1,589		2,581		CONT.	CONT.	

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