

**UNCLASSIFIED**

**EXHIBIT R-2, FY 2001 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET**

**DATE: February 2000**

**BUDGET ACTIVITY: 05**

**PROGRAM ELEMENT: 0604261N**

**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**( U ) COST: (Dollars in Thousands)**

<u>Project Number &amp; 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>
<b>H0480 ASW SENSORS &amp; PROCESSING</b>	26,911*	25,810	20,766	24,973	21,216	16,654	22,137	CONT	CONT
<b>H2000 AIR DEPLOYED ACTIVE RECEIVER (ADAR)</b>	990	0	0	0	0	0	0	0	97,171
<b>TOTAL</b>	<b>27,901</b>	<b>25,810</b>	<b>20,766</b>	<b>24,973</b>	<b>21,216</b>	<b>16,654</b>	<b>22,137</b>	<b>CONT</b>	<b>CONT</b>

\* Note: The FY 1999 budget reflects a \$1,000 thousand Congressional add for advanced active processing prototype development which has been revised by \$31 thousand for congressional undistributed adjustments. Executed under project H2420 (Advanced Ranging Source).

Quantity of RDT&E Articles

H0480		200 Qualification Units (Q/U) AEER		900 AEER
	1 GASS	2 GASS	1 GASS	

H2000 (N/A)

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

(U) (H0480) – This project provides improved air Anti-Submarine Warfare (ASW) mission effectiveness through engineering development of hardware and software associated with acoustic systems, sensors, processing, post-processing, data recording and displays for air ASW platforms. Key objectives: improved detection, classification, localization and tracking; and increased capacity and flexibility to handle multi-sensor data. Programs being funded during the period identified are the Generic Acoustic Stimulation System (GASS) which is an ocean, sensor and target-modeling system that will add shallow water and range dependent capabilities to all ASW trainers and the Advanced Extended Echo Ranging (AEER) system to provide bistatic acoustic source and signal processing for harsh water environments in the P-3 Update III. In FY 1999, procured initial GASS Engineering Development Model (EDM). Procure design qualification units for non-coherent source technology acceleration and two additional GASS EDMs in FY 2000. Procure the fourth GASS EDM in FY2001. Procure AEER coherent source EDMs in FY 2004. Future programs planned for this project include the Non-Traditional Acoustic Processing (NTAP) program to provide exploitation of transient signals for added submarine detection opportunities, the Tactical Acoustic Measurement and Decision Aid (TAMDA) program to provide in situ environmental data and tactical planning for improved mission performance, the Hydrostatic Device program to provide ASW depth bomb capability, and the Shallow Water ASW Localization and Attack System (SWALAS) to provide improved localization and attack in regional conflict environments.

(U) (H2000) – The Air Deployed Active Receiver (ADAR) sonobuoy is an expendable air-launched acoustic receiver utilized by ASW aircraft. The ADAR sonobuoy functions as the acoustic receiver for the Improved Extended Echo Ranging (IEER) system. IEER is a mono/multistatic acoustic sensor system that utilizes an ASW aircraft, supporting acoustic source, and acoustic receiver in a coordinated ASW search and surveillance mission against conventionally powered submarines operating in shallow water environments as well as all submarines operating in deep water. The ADAR Sonobuoy will also be capable of functioning in a passive mode to detect high speed targets.

(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 RDT&E,N BUDGET PROJECT JUSTIFICATION SHEET**

**DATE: February 2000**

**BUDGET ACTIVITY: 05**

**PROGRAM ELEMENT: 0604261N**

**PROJECT NUMBER: H0480**

**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**PROJECT TITLE: ASW Sensors & Processing**

**( U ) COST: (Dollars in Thousands)**

<u>Project Number &amp; 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>
<b>H0480 ASW Sensors &amp; Processing</b>	26,911*	25,810	20,766	24,973	21,216	16,654	22,137	CONT	CONT
<b>TOTAL</b>	26,911*	25,810	20,766	24,973	21,216	16,654	22,137	CONT	CONT

\* Note: The FY 1999 budget reflects a \$1,000 thousand Congressional add for advanced active processing prototype development which has been revised by \$31 thousand for Congressional undistributed adjustments.

Quantity of RDT&E Articles		200 Qualification Units (Q/U) AEER	900 AEER
	1 GASS	2 GASS	1 GASS

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This project provides improved air Anti-Submarine Warfare (ASW) mission effectiveness through engineering development of hardware and software associated with acoustic systems, sensors, processing, post-processing, data recording and displays for air ASW platforms. Key objectives: improved detection, classification, localization and tracking; and increased capacity and flexibility to handle multi-sensor data. Programs being funded during the period identified are the Generic Acoustic Stimulation System (GASS) which is an ocean, sensor and target modeling system that will add shallow water and range dependent capabilities to all ASW trainers and the Advanced Extended Echo Ranging (AEER) system to provide an improved bistatic acoustic source and signal processing for harsh water environments in the P-3 Update III. In FY 1999, procured initial GASS Engineering Development Model (EDM). Procure design qualification units for non-coherent source technology acceleration and two additional GASS EDMs in FY 2000. Procure the fourth GASS EDM in FY2001. Procure AEER coherent source EDMs in FY 2004. Future programs planned for this project include the Non-Traditional Acoustic Processing (NTAP) program to provide exploitation of transient signals for added submarine detection opportunities, the Tactical Acoustic Measurement and Decision Aid (TAMDA) program to provide in-situ environmental data and tactical planning for improved mission performance, the Hydrostatic Device program to provide ASW depth bomb capability, and the Shallow Water ASW Localization and Attack System (SWALAS) to provide improved localization and attack in regional conflict environments.

**(U) PROGRAM ACCOMPLISHMENTS AND PLANS:**

**1. FY 1999 ACCOMPLISHMENTS:**

(U) GASS

- (U) (\$10,230) EMD contractor completed GASS system Preliminary Design Review (PDR) and the design for the major Computer Software Configuration Items (CSCI); initiated procurement of pre-production hardware.

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**PROJECT NUMBER: H0480**

**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**PROJECT TITLE: ASW Sensors & Processing**

- (U) (\$ 360) Continued GFE environmental software improvements.
- (U) (\$ 660) Provided engineering support to EMD contract.
- (U) (\$ 1,439) Provided other engineering support and contractor support services.

(U) AEER

- (U) (\$1,011) Continued AEER coherent source system design trade-offs and system analysis.
- (U) (\$5,638) Completed Critical Design Review (CDR) for P-3 Acoustic Software (A 4.7I) and continued software code and test for AEER baseline in the P-3C Update III.
- (U) (\$4,716) Completed PDR and awarded Engineering Change Proposal (ECP) qualification contracts for fabrication and test of design qualification for units for acceleration of non-coherent source technology enhancements.
- (U) (\$1,888) Provided other engineering support and contractor support services.
- (U) (\$ 969) Procured Commercial-Off-The-Shelf (COTS) hardware and software development tools and developed an active acoustic processing prototype.

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**BUDGET ACTIVITY: 05**

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**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**PROJECT NUMBER: H0480**  
**PROJECT TITLE: ASW Sensors & Processing**

2. FY 2000 PLAN:

(U) GASS

- (U) (\$15,200) EMD contractor complete GASS system CDR and initiate code and test for the major CSCIs, complete PDR for GASS Interface Module (GIM) #1 & #2, CDR for GIM #1 and initiate GIM code and test, initiate/complete procurement of pre-production hardware, and initiate/complete fabrication of GASS units #1 and #2.
- (U) (\$ 335) Continue GFE environmental software improvements.
- (U) (\$ 710) Provide engineering support to EMD contract.
- (U) (\$ 1,811) Provide other engineering support and contractor support services.

(U) AEER

- (U) (\$2,601) Complete software code and test for AEER baseline in the P-3C Update III.
- (U) (\$4,250) Complete CDR and fabrication and test of ECP qualification units for non-coherent source technology enhancements, initiate software code and test.
- (U) (\$ 903) Provide other engineering support and contract support services.

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**PROGRAM ELEMENT: 0604261N**  
**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

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**PROJECT TITLE: ASW Sensors & Processing**

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### 3. FY 2001 PLAN:

#### (U) GASS

- (U) (\$8,300) EMD contractor complete code and test for the major CSCIs, initiate/complete PDR for GIM #3 and 4, CDR for GIM #2, and 3, complete GIM #1 in house test and initiate field installation and test, initiate/complete fabrication of GASS units #3 and #4.
- (U) (\$ 382) Continue GFE environmental software improvements.
- (U) (\$ 710) Provide engineering support to EMD contract.
- (U) (\$1,714) Provide other engineering support and contract support services.

#### (U) AEER

- (U) (\$1,500) Complete software and integration test, complete DT/OT for the non-coherent source enhancement.
- (U) (\$3,115) Complete AEER coherent source system design trade offs, system analysis, initiate/complete Analysis of Alternatives (AOA) and Milestone II.
- (U) (\$3,000) Initiate coherent source acoustic processing software in the P-3C Update III.
- (U) (\$1,121) Provide other engineering support and contractor support services.
- (U) (\$ 924) Initiate Hydrostatic Device system design and trade offs.

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**PROGRAM ELEMENT: 0604261N**

**PROJECT NUMBER: H0480**

**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**PROJECT TITLE: ASW Sensors & Processing**

(U) B. PROGRAM CHANGE SUMMARY

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
( U ) FY 2000 President's Budget:	28,630	25,953	20,031
( U ) Appropriated Value:	29,630	25,953	
( U ) Adjustments from Presidents Budget:	-1,719	-143	+735
( U ) FY 2001 President's Budget Submit:	26,911	25,810	20,766

CHANGE SUMMARY EXPLANATION:

( U ) Funding: FY 1999 net decrease of \$1,719 thousand reflects a \$1,000 thousand Congressional add for active processing prototype development which has been decreased by \$31 thousand for congressional undistributed adjustments as well as the following decreases: \$66 thousand for a Economic Assessment, \$24 thousand personnel adjustment, \$1,175 thousand Contract Advisory adjustment, \$542 thousand for a SBIR assessment, \$751 thousand for reprioritization of requirements within the Navy, and \$130 thousand for inflation savings. FY 2000 decrease reflects a \$143 thousand reduction for an Across-the-Board congressional recession. FY 2001 net increase of \$735 thousand reflects an increase of +\$1000 thousand for Hydrostatic Device, a reduction of \$130 thousand based on a reprioritization of requirements within the Navy, a reduction of \$27 thousand due to Strategic Sourcing Plan savings and Navy Working Capital Fund (NWCF) adjustments, an increase of \$33 thousand for Military and Civilian pay, and a reduction of \$141 thousand for revised economic assumptions.

( U ) Schedule: AEER Baseline CDR delayed from 3Q/99 to 4Q/99 to accommodate software build schedule. Non-coherent qualification unit CDR delayed from 1Q/99 to 3Q/99 based on negotiated contract schedule. Qualification unit DT/OT will be combined in 4Q/01.

( U ) Technical: Not applicable.

( U ) C. OTHER PROGRAM FUNDING SUMMARY

<u>Appn</u>	<u>FY 1999</u> <u>Budget</u>	<u>FY 2000</u> <u>Estimate</u>	<u>FY 2001</u> <u>Estimate</u>	<u>FY 2002</u> <u>Estimate</u>	<u>FY 2003</u> <u>Estimate</u>	<u>FY 2004</u> <u>Estimate</u>	<u>FY 2005</u> <u>Estimate</u>	<u>To</u> <u>Complete</u>
(U) APN/P-3 Mod/(053800)	0	0	0	987	5,077	5,714	11,847	CONT
(U) APN/SH-60R/(018200)					7,000	7,000	7,000	CONT
(U) <u>Related RDT&amp;E</u>								

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**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**PROJECT TITLE: ASW Sensors & Processing**

( U ) D. ACQUISITION STRATEGY: The GASS EMD contract was competitively awarded. Program development is based on a COTS open architecture hardware and software approach. AEER EMD will use a competitive contracting strategy. Supporting efforts utilize Qualified Product List (QPL) manufacturers and existing contracting vehicles where appropriate for development efficiency.

( U ) E. SCHEDULE PROFILE

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY2001</u>	<u>TO COMPLETE</u>
( U ) Program Milestones			4Q/01 AEER MS-II	3Q/02 GASS MS-III
(U) Engineering Milestones	4Q/99 AEER BASELINE CDR 1Q/99 Q/U PDR	3Q/00 Q/U CDR 1Q/00 GASS PDR #1 3Q/00 GASS CDR #1 4Q/00 GASS PDR #2	2Q/01 GASS PDR#3/CDR#2 3Q/01 GASS PDR#4 4Q/01 GASS CDR#3	3Q/02 AEER SDR 1Q/02 GASS CDR #4 3Q/04 AEER PDR 3Q/05 AEER CDR
(U) T&E Milestones			4Q/01 Q/U DT/OT	1Q/02-2Q/03 GASS TTPRR 1Q/06-2Q/06 AEER TECHEVAL 3Q/06-4Q/06 AEER OPEVAL
( U ) Contract Milestones	2Q/99 Qual Units Contract Award			1Q/02 AEER EMD Contract Award

TTPRR – Trainer Test Procedures and Results Report

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

DATE: February 2000

BUDGET ACTIVITY: 05

PROGRAM ELEMENT: 0604261N

PROJECT NUMBER: H0480

PROJECT TITLE: ASW SENSORS & PROCESSORS

<u>Cost Categories:</u>	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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>
Hardware Development	FFP	Sparton, FL	0	1,776	3/99	1,402	11/99	0		0	3,178	3,178
		USSI, IN		1,776	3/99	934	12/99	0			2,710	2,710
Software Development	C/CPFF	Misc Contracts	1,000	0		0				0	1,000	1,000
	C/CPIF	Northrop	5,208	10,230	12/98	15,200	12/99	8,300	12/00	7,153	46,091	46,091
		Grumman, NY										
	C/CPFF	Misc GASS Con	11,417	360	12/98	335	11/99	382	11/00	507	13,001	13,001
Gov't & Engineering Support	C/CPFF	Misc/P-3	2,000	3,000	5/99	800	11/99	2,500	11/00	0	8,300	8,300
		Baseline Cont's										
	WX	Misc In-House	0	724	3/99	0				0	724	
	WX	Misc In-House	18,378	5971	10/98	3161	11/99	5,621	10/00	Cont.	Cont.	
Award Fees			0	0		0		0		0	0	0
<b>Subtotal Project Development</b>			<b>38,003</b>	<b>23,837</b>		<b>21,832</b>		<b>16,803</b>		<b>Cont,</b>	<b>Cont.</b>	
Remarks												
Program Management Support	WX	Misc In-House	2,135	1,686	10/98	2,632	11/99	1,962	10/00	Cont.	Cont.	
<b>Subtotal Support</b>			<b>2,135</b>	<b>1,686</b>		<b>2,632</b>		<b>1,962</b>		<b>Cont.</b>	<b>Cont.</b>	
Remarks												

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

DATE: February 2000

BUDGET ACTIVITY: 05

PROGRAM ELEMENT: 0604261N

PROJECT NUMBER: H0480

PROJECT TITLE: ASW SENSORS & PROCESSORS

Cost Categories:	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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>
Development Test	WX	Misc In-House	0	800	5/99	307	11/99	950	10/00	Cont.	Cont.	
<b>Subtotal Test &amp; Evaluation</b>			<b>0</b>	<b>800</b>		<b>307</b>		<b>950</b>		<b>Cont.</b>	<b>Cont.</b>	
Remarks												
Contractor Support Services	C/CPFF	Misc/Contracts	3,986	588	12/98	1,039	12/99	1,051	11/00	Cont.	Cont.	
<b>Subtotal Management</b>			<b>3,986</b>	<b>588</b>		<b>1,039</b>		<b>1,051</b>		<b>Cont.</b>	<b>Cont.</b>	
Remarks												
<b>Total Cost</b>			<b>44,124</b>	<b>26,911</b>		<b>25,810</b>		<b>20,766</b>		<b>Cont.</b>	<b>Cont.</b>	

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**PROGRAM ELEMENT: 0604261N**

**PROJECT NUMBER: H2000**

**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**PROJECT TITLE: Air Deployed Active Receiver**

( U ) COST: (Dollars in Thousands)

<u>Project Number &amp; 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>
H2000 Air Deployed Active Receiver (ADAR)	990	0	0	0	0	0	0	0	97,171
<b>TOTAL</b>	<b>990</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>97,171</b>

Quantity of RDT&E Articles 0

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Air Deployed Active Receiver (ADAR) sonobuoy is an expendable air-launched acoustic receiver utilized by ASW aircraft. The ADAR sonobuoy functions as the acoustic receiver for the Improved Extended Echo Ranging (IEER) system. IEER is a mono/multistatic acoustic sensor system that utilizes an ASW aircraft, supporting acoustic source, and acoustic receiver in a coordinated ASW search and surveillance mission against conventionally powered submarines operating in shallow water environments as well as all submarines operating in deep water. The ADAR Sonobuoy will also be capable of functioning in a passive mode to detect high speed targets.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. FY 1999 ACCOMPLISHMENTS:

- (U) (\$ 713) Completed engineering support and analysis, and achieved a Milestone III decision.
- (U) (\$ 277) Provided other engineering support and contractor support services.

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**PROJECT NUMBER: H2000**

**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**PROJECT TITLE: Air Deployed Active Receiver**

(U) B. PROGRAM CHANGE SUMMARY

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY2001</u>
( U ) FY 2000 President's Budget:	1,003		
( U ) Appropriated Value:	1,007		
( U ) Adjustments from Presidents Budget:	-13		
( U ) FY 2001 OSD/OMB Budget Submit:	990		

CHANGE SUMMARY EXPLANATION:

( U ) Funding: The FY1999 net decrease of \$13 thousand reflects a decrease of \$6 thousand for an SBIR assessment, a decrease of \$5 thousand for inflation savings, and a decrease of \$2 thousand for reprioritization of requirements within the Navy.

( U ) Schedule: Not applicable.

( U ) Technical: Not applicable.

( U ) C. OTHER PROGRAM FUNDING SUMMARY

<u>Appn</u>	<u>FY 1999</u> <u>Budget</u>	<u>FY 2000</u> <u>Estimate</u>	<u>FY 2001</u> <u>Estimate</u>	<u>FY 2002</u> <u>Estimate</u>	<u>FY 2003</u> <u>Estimate</u>	<u>FY 2004</u> <u>Estimate</u>	<u>FY 2005</u> <u>Estimate</u>	<u>To</u> <u>Complete</u>
(U) OPN (SSQ-101) (403600)	19,362	16,680	0	0	0	0	0	0
(U) OPN (Sonobuoys All Types) (404800)			10,434	11,381	14,702	16,491	22,120	CONT

(U) Related RDT&E

(U) P.E. 0603254N (ASW Systems Development)

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**PROJECT NUMBER: H2000**

**PROGRAM ELEMENT TITLE: Acoustic Search Sensors**

**PROJECT TITLE: Air Deployed Active Receiver**

( U ) D. ACQUISITION STRATEGY: ADAR EMD contract was competitively awarded to include first year production option.

( U ) E. SCHEDULE PROFILE

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY2001</u>	<u>TO COMPLETE</u>
( U ) Program Milestones	2Q MS-III			
( U ) Engineering Milestones				
( U ) T&E Milestones				
( U ) Contract Milestones	1Q-1Q OPEVAL			

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

DATE: February 2000

BUDGET ACTIVITY: 05

PROGRAM ELEMENT: 0604261N

PROJECT NUMBER: H2000

PROJECT TITLE: AIR DEPLOYED ACTIVE REC

<u>Cost Categories:</u>	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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>
Hardware Development	C/CPFF	Erapsco, Ft Wayne, IN	25,630	0		0		0		0	25,630	25,630
Gov't Engineering Support	WX	NAWCAD, PAX	46,090	783	11/98	0		0		0	46,873	
	WX	Misc In-House	9,610	0		0		0		0	9,610	
Trainer Integration	C/CPFF	Misc Contracts	347	0		0		0		0	347	347
Award Fees			0	0		0		0		0	0	0
<b>Subtotal Project Development</b>			<b>81,677</b>	<b>783</b>		<b>0</b>		<b>0</b>		<b>0</b>	<b>82,460</b>	
Remarks												
Program Management	WX	Misc In-House	4,657	132	11/98	0		0		0	4,789	
<b>Subtotal Support</b>			<b>4,657</b>	<b>132</b>		<b>0</b>		<b>0</b>		<b>0</b>	<b>4,789</b>	
Remarks												

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

DATE: February 2000

BUDGET ACTIVITY: 05

PROGRAM ELEMENT: 0604261N

PROJECT NUMBER: H2000

PROJECT TITLE: AIR DEPLOYED ACTIVE REC

Cost Categories:	Contract Method & Type	Performing Activity & Location	Total Prior Yrs Cost	FY 1999		FY 2000		FY 2001		Cost to Complete	Total Cost	Target Value of Contract
				FY 1999 Cost	FY 1999 Award Date	FY 2000 Cost	FY 2000 Award Date	FY 2001 Cost	FY 2001 Award Date			
Development Test	WX	Misc In-House	4,378	0		0		0		0	4,378	
Gov't Furnished Property	WX	NAWCAD WAR	2,296	0		0		0		0	2,296	
Operational Test	WX	VX-1 PAX	740	0		0		0		0	740	
<b>Subtotal Test &amp; Evaluation</b>			<b>7,414</b>	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>	<b>7,414</b>	
Remarks												
Contractor Support Services	C/CPFF	Misc Contracts	2,433	75	12/98	0		0		0	2,508	2,508
<b>Subtotal Management</b>			<b>2,433</b>	<b>75</b>		<b>0</b>		<b>0</b>		<b>0</b>	<b>2,508</b>	<b>2,508</b>
Remarks												
<b>Total Cost</b>			<b>96,181</b>	<b>990</b>		<b>0</b>		<b>0</b>		<b>0</b>	<b>97,171</b>	

**R-1 Item No. 91  
UNCLASSIFIED**