

EXHIBIT R-2, RDT&E Budget Item Justification						DATE: February 2006	
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY /						R-1 ITEM NOMENCLATURE 0207161N, TACTICAL AIM MISSILES	
BA 7							
COST (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	3.927	9.243	7.946	2.463	1.189	1.214	1.238
0457 AIM-9X	3.927	9.243	7.946	2.463	1.189	1.214	1.238

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

AIM-9X (Sidewinder) is a long-term evolution of the AIM-9, a fielded system, qualifying this as a research category operational systems development. The AIM-9X short range Air-to-Air missile modification program provides a launch and leave, air combat munition that uses passive infrared (IR) energy for acquisition and tracking of enemy aircraft and complements the Advanced Medium Range Air-to-Air Missile. Air superiority in the short range Air-to-Air missile arena is essential and includes first shot, first kill opportunity against an enemy employing IR countermeasures. The AIM-9X employs several components common with the AIM-9M (fuse, rocket motor and warhead). Improved Anti-Tamper features are being incorporated to protect improvements inherent in AIM-9X design.

EXHIBIT R-2a, RDT&E Project Justification								DATE: February 2006																									
APPROPRIATION/BUDGET ACTIVITY RDT&E, N /		BA 7		PROGRAM ELEMENT NUMBER AND NAME 0207161N, TACTICAL AIM MISSILES				PROJECT NUMBER AND NAME 0457, AIM-9X																									
COST (\$ in Millions)		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011																									
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EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N /			PROGRAM ELEMENT NUMBER AND NAME 0207161N, TACTICAL AIM MISSILES			PROJECT NUMBER AND NAME 0457, AIM-9X			
BA 7 Operational Flight Software (OFS) Mods.									
C. PROGRAM CHANGE SUMMARY									
Funding:		FY 2005	FY 2006	FY 2007					
Previous President's Budget:		4.024	9.384	7.930					
Current BES / President's Budget:		3.927	9.243	7.946					
Total Adjustments		-0.097	-0.141	0.016					
Summary of Adjustments									
Congressional Und Red/Cong Inc		-0.066	-0.098	0					
Miscellaneous Adjustments		-0.031	0	-0.024					
Economic Assumptions		0	-0.043	0.040					
		-0.097	-0.141	0.016					
Schedule: Not Applicable									
Technical: Not Applicable									
D. OTHER PROGRAM FUNDING SUMMARY:									
	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Cost
220900 AIM-9X Missile	31.232	37.128	40.380	39.885	39.846	38.146	41.459	949.800	1,319.300
AIM-9X Spares (Initial Spares)	1.828	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.331
AIM-9X Mods/Missile (Air Force)	52.352	44.368	43.834	44.884	73.540	79.532	62.570	805.038	1,369.843
									0.000
RELATED AIR FORCE RDT&E:									0.000
Program Element: 0207161F	5.346	15.416	8.850	7.897	5.805	6.044	6.256	0.000	243.425
E. ACQUISITION STRATEGY:									
The Low-Rate Initial Production (LRIP) 4, LOT 4 Firm-Fixed-Price (FFP) contract was awarded 4/04. ASN(RD&A) approved the Full-Rate Production (FRP) decision in May 2004. FRP 1, LOT 5 contract was awarded 11/04. FRP 1, LOT 5 through FRP 3 LOT 7 contracts will be FFP with FRP 2 LOT 6 awarded 12/05 and FRP 3 LOT 7 planned for 11/06. Rewards or penalties are provided depending on Raytheon Systems Corporation (RSC) Performance relative to the Procurement Price Commitment Curve (PPCC).									

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Exhibit R-3 Cost Analysis (page 1)										DATE:			February 2006	
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT				PROJECT NUMBER AND NAME								
RDT&E, N /		0207161N, TACTICAL AIM-9X MISSILES				0457, AIM-9X								
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost to Complete	Total Cost	Target Value of Contract		
PRODUCT DEVELOPMENT														
Primary Hdw Development (DEM-VAL)	C/CPIF	Hughes, Tucson, AZ	6.685								6.685	6.685		
Primary Hdw Development (DEM-VAL)	C/CPIF	Raytheon, Bedford, MA	8.587								8.587	8.587		
EMD Award Fee	C-CPIF/AF	RAYTHEON COMPANY, TUCSON, AZ	14.145								14.145	14.145		
Navy Fuze	C-CPIF/AF	RAYTHEON COMPANY, TUCSON, AZ		.800	11/1/2004	2.300	11/1/2005	.300	11/1/2006	.600	4.000	4.000		
Aircraft Integration	C/CPFF	Boeing, St. Louis, MO	24.397								24.397	24.397		
Primary Hdw Development (Hughes)	C-CPIF/AF	RAYTHEON COMPANY, TUCSON, AZ	120.434								120.434	120.434		
Primary Hdw Development (FUSE P3I)	SS-CPFF	RAYTHEON COMPANY, TUCSON, AZ	1.278	2.229	11/1/2004	5.163	11/1/2005	4.786	11/1/2006	.881	14.337	14.462		
Misc HW/SW (efforts<\$1.0M)	Various	Various	7.765								7.765			
Systems Eng (AD)	WX	NAWCAD	3.826								3.826			
Ancillary HWD (LAU-7 Launcher)	C/CPFF	Boeing, St. Louis, MO	4.552								4.552	4.552		
Engineering Services	MIPR	Eglin, AF, FL	1.810								1.810			
Systems Eng (WD)	WX	NAWCWD, CHINA LAKE CA	33.786	.378	11/1/2004	.400	11/1/2005	.400	11/1/2006	.200	35.164			
SUBTOTAL PRODUCT DEVELOPMEN			227.265	3.407		7.863		5.486		1.681	245.702			
Remarks: Prior year award fees earned is 93% EMD Contract Target Value includes both Navy and Air Force Funding. All other fields represent Navy share only. Total Prior Years - FY 95 and prior under P.E. 0603715D. FY 96 and out are funded under P.E 0207161N.														
TEST & EVALUATION														
Dev Test & Eval (WD)	WX	NAWCWD, CHINA LAKE CA	26.313	.300	11/1/2004	.930	11/1/2005	1.900	11/1/2006	2.495	31.938			
Navy Test & Eval	WX	NAWCAD	4.683			.050	11/1/2005	.050	11/1/2006	.200	4.983			
Navy Test & Eval - (Cont Dev Test Ray)	SS-CPFF	RAYTHEON COMPANY, TUCSON, AZ		.070	11/1/2004	.100	11/1/2005	.110	11/1/2006	.285	.565	.565		
Oper Test & Eval (OPTEVFOR)	WX	OPER T & E FOR CD 30, NORFOLK VA	2.331			.150	11/1/2005	.250	11/1/2006	.600	3.331			
SUBTOTAL TEST & EVALUATION			33.327	.370		1.230		2.310		3.580	40.817			
Remarks:														
MANAGEMENT														
Contractor Engineering Support	ID/IQ, T&M	Endmark, Arlington, VA	3.670								3.670	3.670		
Contractor Engineering Support	ID/IQ, T&M	Various	1.430							.300	1.730	1.730		
Government Engineering Support	ID/IQ, T&M	MSTTm, Arlington, VA	.986								.986	.986		
Program Management Support	ID/IQ, T&M	NSM, Arlington, VA	1.440								1.440	1.440		
Transportation - Material	MD	NAVAIR, PAXTUXENT RIVER MD		.015	10/1/2004	.015	10/1/2005	.015	10/1/2006	.060	.105			
Travel	TO	NAVAIR, PAXTUXENT RIVER MD	1.343	.135	10/1/2004	.135	10/1/2005	.135	10/1/2006	.540	2.288			
SUBTOTAL MANAGEMENT			8.869	.150		.150		.150		.900	10.219			
Remarks:														
TOTAL COST														
			269.461	3.927		9.243		7.946		6.161	296.738			

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EXHIBIT R4, Schedule Profile

DATE:

February 2006

APPROPRIATION/BUDGET ACTIVITY

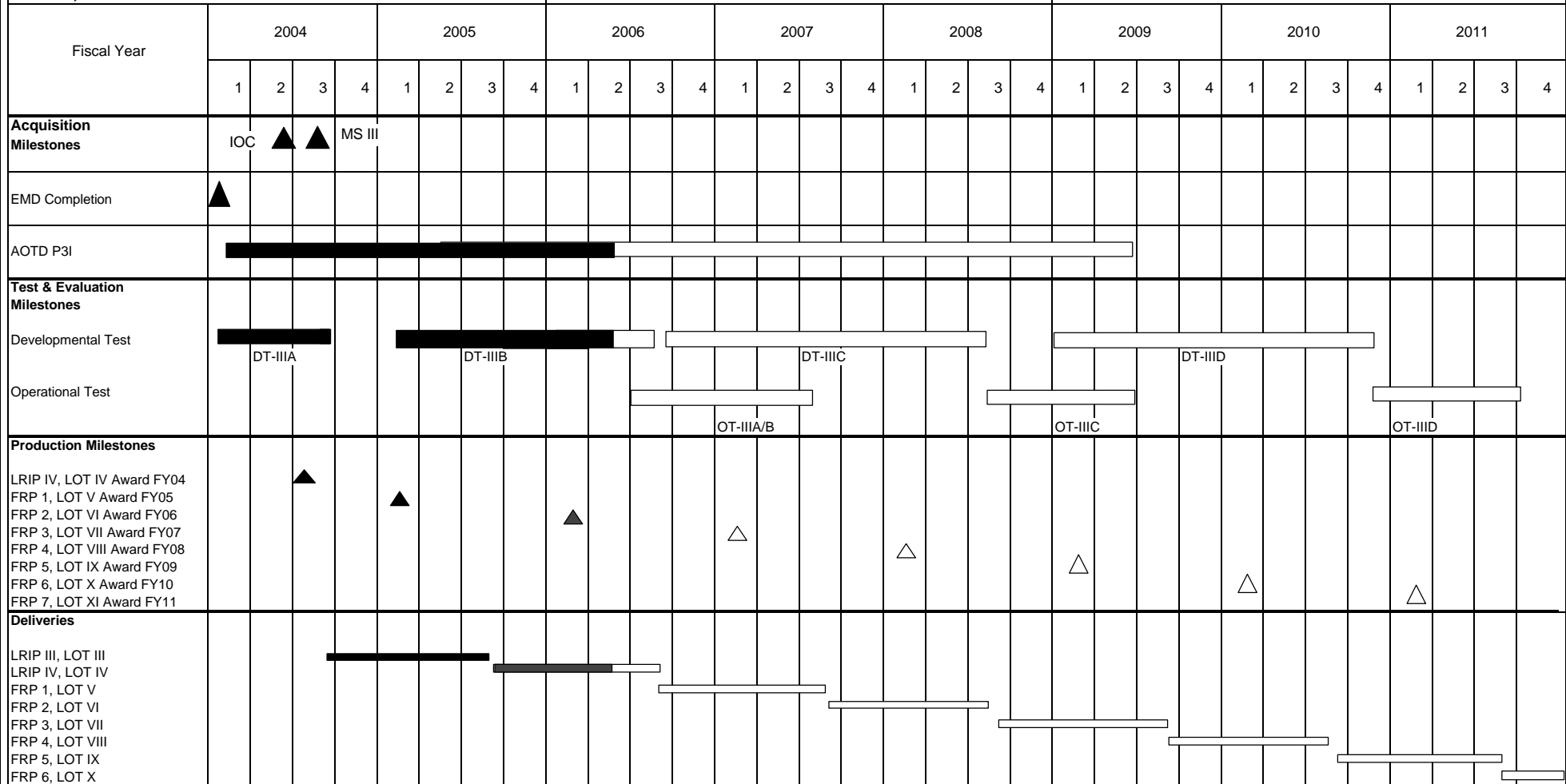
PROGRAM ELEMENT NUMBER AND NAME

PROJECT NUMBER AND NAME

RDT&E, N/BA-7

0207161N-Tactical AIM Missiles

0457-AIM-9X



R-1 SHOPPING LIST - Item No. 189

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R-1 Shopping List Item No 189

Exhibit R-2 RD TEN Budget Item Justification
(Exhibit R-2, Page 5 of 6)

CLASSIFICATION:

Exhibit R-4a, Schedule Detail						DATE:		
						February 2006		
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT				PROJECT NUMBER AND NAME			
RDT&E, N / BA 7	0207161N-Tactical AIM Missiles				0457-AIM-9X			
Schedule Profile	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
IOC	2Q							
Full Rate Production (FRP) Decision (MSIII)	3Q							
EMD Completion	1Q							
AOTD P3I	1Q-4Q	1Q-4Q	1Q-4Q	1Q-4Q	1Q-4Q	1Q-2Q		
Developmental Test DT-III A	1Q-3Q							
Developmental Test DT-III B		1Q-4Q	1Q-3Q					
Developmental Test DT-III C			3Q - 4Q	1Q-4Q	1Q-3Q			
Developmental Test DT-III D						1Q-4Q	1Q-4Q	
Operational Test OT-III A/B			3Q-4Q	1Q-3Q				
Operational Test OT-III C					3Q-4Q	1Q-2Q		
Operational Test OT-III D							4Q	1Q-4Q
Low Rate Initial Production Award Lot IV	3Q							
Full Rate Production Award Lot V		1Q						
Full Rate Production Award Lot VI			1Q					
Full Rate Production Award Lot VII				1Q				
Full Rate Production Award Lot VIII					1Q			
Full Rate Production Award Lot IX						1Q		
Full Rate Production Award Lot X							1Q	
Full Rate Production Award Lot XI								1Q
Low-Rate Initial Production III Delivery	3Q - 4Q	1Q - 3Q						
Low-Rate Initial Production IV Delivery		3Q - 4Q	1Q - 3Q					
Full Rate Production Lot V Delivery			3Q - 4Q	1Q - 3Q				
Full Rate Production Lot VI Delivery				3Q - 4Q	1Q - 3Q			
Full Rate Production Lot VII Delivery					3Q - 4Q	1Q - 3Q		
Full Rate Production Lot VIII Delivery						3Q - 4Q	1Q - 3Q	
Full Rate Production Lot IX Delivery							3Q - 4Q	1Q - 3Q
Full Rate Production Lot X Delivery								3Q - 4Q
Full Rate Production Lot XI Delivery								

R-1 SHOPPING LIST - Item No. 189