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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207161F / <i>Tactical AIM Missiles</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	67.290	28.820	43.360	52.898	0.000	52.898	44.751	14.801	13.361	13.597	0.000	278.878
674132: <i>AIM-9 Product Improvement</i>	67.290	28.820	43.360	52.898	0.000	52.898	44.751	14.801	13.361	13.597	0.000	278.878
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Program MDAP/MAIS Code: 442

Note
Funding in FY11 and out is for the Block II program only. The AIM-9X Block I program costs for FY11 and prior are \$233.583M. The AIM-9X Block II program costs for FY14 and prior are \$67.290M.

A. Mission Description and Budget Item Justification
AIM-9X 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 Infra-Red (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 (fuze, rocket motor and warhead). The AIM-9X Block II missile is critical to project power and win decisively in accordance with the Fiscal Year 2015 Defense Planning Guidance. The missile is essential to Pacific Command plans to counter threats employing advanced Digital Radio Frequency Memory (DRFM) jamming, cruise missiles, and Unmanned Aerial Vehicles.

The Block II program has completed Independent Operational Testing and found to be Operationally Effective and Suitable. The program obtained a Full Rate Production decision in August 2015, with the first Full Rate Production Lot contract awarded in September 2015. This budget line will continue technical refresh of critical obsolete components, implement cost reduction initiatives, improve insensitive munitions performance, correct deficiencies, increase capabilities through software enhancements, and conduct testing to ensure platform integration onto threshold US Air Force aircraft.

The program strategy is to first redesign the control actuation system (CAS) battery and incorporate it into the Lot 17 (FY 2017) production missile. Next, the program will complete AIM-9X Block II software improvements (software version 9.4) and release it into Lot 18 (FY 2018) and prior missiles. The software will provide improved infrared counter-countermeasures, improved lock on after launch capability, added partial and degraded cue capability, improve small target acquisition, and provide surface attack capability. Finally, the program will redesign the inertial measurement unit, the dome, and the guidance unit processor and incorporate these hardware changes into the Lot 19 (FY 2019) production missile. This last item will include a software re-host (software version 10.4) to make software compatible with the new processor. The guidance unit processor is the critical component to ensure continued production of the missile system and avoid production line gaps after Lot 18.

AIM-9X Block I concluded in FY2011 and all funding/quantity data in the documents are associated with Block II activities.

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BA7- This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Previous President's Budget	29.739	43.360	52.836	0.000	52.836
Current President's Budget	28.820	43.360	52.898	0.000	52.898
Total Adjustments	-0.919	0.000	0.062	0.000	0.062
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.919	0.000			
• Other Adjustments	0.000	0.000	0.062	0.000	0.062

Change Summary Explanation

No Significant Program Changes

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
Title: Air Intercept Missile - 9X, Product Development	27.620	42.160	48.958
Description: Continuation of Primary Hardware Development/Pre-Planned Product Improvement (Tech Refresh) efforts for the AIM-9X weapon system. This includes Systems Engineering/Program Management (SEPM), as well as associated governmental and contractor support required to ensure AIM-9X missile integration with threshold aircraft platforms. Also, includes efforts to redesign missile components in order to resolve Block II component obsolescence, implement cost reduction initiatives, and to comply with the Insensitive Munitions (IM) requirements as established by Joint Requirements Oversight Council memo dated 11 February 2009.			
FY 2015 Accomplishments: Continued development of v9.4 Block II software and integration efforts with threshold aircraft platforms including improvements associated with the F-15 to utilize full capability of the Block II missile. Continued Engineering Manufacturing Development (EMD) required to redesign, integrate, test and qualify components due to obsolescence and implement cost reduction initiatives. Continued study on IM alternatives and risk reduction methods. Specific component improvements include the dome, the Inertial Measurement Unit, the processor, the control actuation system and battery, and associated operational flight software updates			
FY 2016 Plans:			

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
<p>Continue EMD required to redesign, integrate, test and qualify components due to obsolescence and implement cost reduction initiatives. Continue development of v9.4 Block II software and integration efforts with threshold aircraft platforms including improvements associated with the F-15 to utilize full capability of the Block II missile. Continue study on IM alternatives and risk reduction methods to enhance IM performance.</p> <p>FY 2017 Plans: Continue EMD required to redesign, integrate, test and qualify components due to obsolescence and implement cost reduction initiatives. Continue to develop v9.4 Block II software improvements to utilize full capability of the missile. Continue to develop missile hardware design improvements necessary to enhance IM performance.</p>			
<p>Title: Air Intercept Missile - 9X, Test and Evaluation</p> <p>Description: Test and Evaluation (T&E) and associated governmental support required to demonstrate missile performance and ensure the AIM-9X missile integration with threshold platforms.</p> <p>FY 2015 Accomplishments: Completed Independent Operational Testing and found to be Operationally Effective and Suitable. Continued to finalize Test and Evaluation requirements for SIP III development of v9.4 Block II software and integration efforts with threshold aircraft platforms including improvements associated with the F-15 to utilize full capability of the Block II missile.</p> <p>FY 2016 Plans: Continue DT-D1 (Developmental Test) of v9.4 Block II software including improvements associated with the F-15 to utilize full capability of the Block II missile.</p> <p>FY 2017 Plans: Continue Developmental and Integrated Testing (DT/IT-D1) of Operational Flight Software version 9.4.</p>	1.200	1.200	3.940
Accomplishments/Planned Programs Subtotals	28.820	43.360	52.898

D. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2017</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u>	<u>Total Cost</u>
			<u>Base</u>	<u>OCO</u>	<u>Total</u>					<u>Complete</u>	
• MPAF: BA02: Line Item # M09HA1: <i>Sidewinder (AIM-9X)</i>	129.121	198.247	127.438	0.000	127.438	114.200	122.340	125.299	118.454	537.349	1,812.506
• MPAF: BA04: Line Item # 000999: <i>Replen Spares, USAF</i>	10.720	10.755	11.015	0.000	11.015	11.199	11.350	11.543	11.748	Continuing	Continuing

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D. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• MPAF: BA04: Line Item # 000999: <i>Initial Spares, USAF</i>	1.717	0.604	7.684	0.000	7.684	5.708	4.294	4.324	1.881	9.115	41.367
• RDTE: BA07: PE 0207161N: <i>Tactical AIM Missile</i>	36.361	71.016	56.285	0.000	56.285	36.569	33.277	0.305	0.322	0.000	312.491
• WPN: BA02: Line Item # 2209: <i>Sidewinder</i>	69.399	93.914	71.050	0.000	71.050	80.722	80.314	83.362	90.930	814.907	1,660.031

Remarks

Congressional language directed the program to report as a missile procurement (3020, BP20), starting in FY2002, and not as a missile modification (3020, BP21).

E. Acquisition Strategy

The program received USN Initial Operational Capability (IOC) in March 2015 and Full Rate Production (FRP) Approval in August 2015 followed by contract award for FRP-1 in September 2015. The Air Force anticipates receiving Initial Operational Capability in April 2016. The program will modify the production contract in June 2016 to award option year 1 for FRP-2 and add option year 2 for FRP-3. Option year 2 will be awarded in February 2017.

F. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207161F / <i>Tactical AIM Missiles</i>	Project (Number/Name) 674132 / <i>AIM-9 Product Improvement</i>
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Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
RMS Software/OFP Upgrade	SS/CPFF	RMS : Tucson, AZ	36.250	23.248	Aug 2015	32.372	Mar 2016	37.003	Jan 2017	0.000		37.003	66.619	195.492	246.471
Munitions Improvement Study (RG)	SS/CPFF	RMS : Tucson, AZ	1.174	2.161	Jun 2015	3.148	Mar 2016	3.175	Jan 2017	0.000		3.175	9.781	19.439	19.439
Munitions Improvement Study (USG)	MIPR	NAWC WD : China Lake, CA	1.903	1.803	Mar 2015	0.390	Mar 2016	0.330	Dec 2016	0.000		0.330	0.000	4.426	4.426
Aircraft Integration	SS/CPFF	Boeing : St. Louis, MO	0.000	0.000		6.000	Jun 2016	8.200	Jun 2017	0.000		8.200	3.200	17.400	17.400
RMS P3I Contract	Various	Various : TBD	9.381	0.000		0.000		0.000		0.000		0.000	0.000	9.381	9.381
Subtotal			48.708	27.212		41.910		48.708		0.000		48.708	79.600	246.138	297.117

Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Subtotal			-	-		-		-		-		-	-	-	-

Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DT&E/OT&E for P3I	MIPR	Various : Various	14.967	1.200	Mar 2015	1.200	Mar 2016	1.280	Nov 2016	0.000		1.280	2.097	20.744	20.744
DT&E/OT&E for F-15	MIPR	Various : Various	0.000	0.000		0.000		2.660	Apr 2017	0.000		2.660	3.813	6.473	6.473
Subtotal			14.967	1.200		1.200		3.940		0.000		3.940	5.910	27.217	27.217

Management Services (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
PMA	MIPR	PMA-259 : Patuxent River, MD	3.615	0.408	Mar 2015	0.250	Mar 2016	0.250	Mar 2017	0.000		0.250	1.000	5.523	5.523

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Management Services (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Subtotal			3.615	0.408		0.250		0.250		0.000		0.250	1.000	5.523	5.523

Remarks
FY16 Decrease in CS support.

	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	67.290	28.820	43.360	52.898	0.000	52.898	86.510	278.878	329.857

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207161F / <i>Tactical AIM Missiles</i>	Project (Number/Name) 674132 / <i>AIM-9 Product Improvement</i>
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	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Production Milestones - Block II: Contract Awards: Lot 15 (FRP 1)				■																								
Production Milestones - Block II: Contract Awards: Lot 16 (FRP 2)							■																					
Production Milestones - Block II: Contract Awards: Lot 17 (FRP 3)										■																		
Production Milestones - Block II: Contract Awards: Lot 18 (FRP 4)													■															
Production Milestones - Block II: Contract Awards: Lot 19 (FRP 5)																	■											
Production Milestones - Block II: Contract Awards: Lot 20 (FRP 6)																										■		
Production Milestones - Block II: Contract Awards: Lot 21 (FRP 7)																											■	
Production Deliveries: Low Rate Initial Production 3 (Lot 13)	■	■	■	■																								
Production Deliveries: Low Rate Initial Production 4 (Lot 14)			■	■	■	■	■																					
Production Deliveries: Lot 15 (FRP 1)							■	■	■	■																		
Production Deliveries: Lot 16 (FRP 2)										■	■	■	■															
Production Deliveries: Lot 17 (FRP 3)													■	■	■	■												
Production Deliveries: Lot 18 (FRP 4)																	■	■	■	■								
Production Deliveries: Lot 19 (FRP 5)																										■	■	
AIM-9X Block II: System Improvement Program Contract Award: System Improvement Program II Engineering Manufacturing Development Contract	■	■	■	■																								

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207161F / <i>Tactical AIM Missiles</i>	Project (Number/Name) 674132 / <i>AIM-9 Product Improvement</i>
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	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Operational Test (OT-C1)	■																											
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Operational Test Report	■																											
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Navy Initial Operational Capability	■																											
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Full Rate Production Milestone Decision					■																							
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Air Force Initial Operational Capability									■																			
AIM-9X Block II Tech Refresh: Tech Refresh Development Contracts: System Improvement Program III Prototype Development Contract	■																											
AIM-9X Block II Tech Refresh: Tech Refresh Development Contracts: System Improvement Program III Engineering Manufacturing Development Contract													■															
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 17 Cut In: Lot 17 Hardware (CAS Battery & Block 2+)	■																											
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 17 Cut In: Lot 17 Hardware Cut-In Preliminary Design Review					■																							
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 17 Cut In: Lot 17 Hardware Cut-In Critical Design Review									■																			

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207161F / <i>Tactical AIM Missiles</i>	Project (Number/Name) 674132 / <i>AIM-9 Product Improvement</i>
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	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
AIM-9X Block II Tech Refresh: Test and Evaluation: Software (v10.x) Rehost: Software v10.4 Release	<div style="background-color: black; width: 100px; height: 15px; margin: 0 auto;"></div>																											

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207161F / <i>Tactical AIM Missiles</i>	Project (Number/Name) 674132 / <i>AIM-9 Product Improvement</i>
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Production Milestones - Block II: Contract Awards: Lot 15 (FRP 1)	4	2015	4	2015
Production Milestones - Block II: Contract Awards: Lot 16 (FRP 2)	3	2016	3	2016
Production Milestones - Block II: Contract Awards: Lot 17 (FRP 3)	2	2017	2	2017
Production Milestones - Block II: Contract Awards: Lot 18 (FRP 4)	2	2018	2	2018
Production Milestones - Block II: Contract Awards: Lot 19 (FRP 5)	2	2019	2	2019
Production Milestones - Block II: Contract Awards: Lot 20 (FRP 6)	2	2020	2	2020
Production Milestones - Block II: Contract Awards: Lot 21 (FRP 7)	2	2021	2	2021
Production Deliveries: Low Rate Initial Production 3 (Lot 13)	1	2015	4	2015
Production Deliveries: Low Rate Initial Production 4 (Lot 14)	4	2015	4	2016
Production Deliveries: Lot 15 (FRP 1)	4	2016	4	2017
Production Deliveries: Lot 16 (FRP 2)	4	2017	4	2018
Production Deliveries: Lot 17 (FRP 3)	4	2018	4	2019
Production Deliveries: Lot 18 (FRP 4)	4	2019	4	2020
Production Deliveries: Lot 19 (FRP 5)	4	2020	4	2021
AIM-9X Block II: System Improvement Program Contract Award: System Improvement Program II Engineering Manufacturing Development Contract	1	2015	2	2016
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Operational Test (OT-C1)	1	2015	2	2015
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Operational Test Report	2	2015	3	2015
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Navy Initial Operational Capability	2	2015	2	2015
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Full Rate Production Milestone Decision	4	2015	4	2015
AIM-9X Block II: Hardware & Software (v9.3) Improvements: Air Force Initial Operational Capability	3	2016	3	2016

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Air Force			Date: February 2016	
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Number/Name)		
3600 / 7	PE 0207161F / Tactical AIM Missiles	674132 / AIM-9 Product Improvement		
Events	Start		End	
	Quarter	Year	Quarter	Year
AIM-9X Block II Tech Refresh: Tech Refresh Development Contracts: System Improvement Program III Prototype Development Contract	1	2015	4	2015
AIM-9X Block II Tech Refresh: Tech Refresh Development Contracts: System Improvement Program III Engineering Manufacturing Development Contract	4	2015	4	2020
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 17 Cut In: Lot 17 Hardware (CAS Battery & Block 2+)	1	2015	1	2017
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 17 Cut In: Lot 17 Hardware Cut-In Preliminary Design Review	4	2015	4	2015
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 17 Cut In: Lot 17 Hardware Cut-In Critical Design Review	2	2016	2	2016
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 17 Cut In: Lot 17 Hardware Cut-In Engineering Change Proposal	1	2017	1	2017
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 19 Cut In: Hardware (CAS, IMU, Dome & Processor)	1	2015	1	2019
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 19 Cut In: Lot 19 Hardware Cut-In Preliminary Design Review	3	2016	3	2016
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 19 Cut In: Lot 19 Hardware Cut-In Critical Design Review	2	2017	2	2017
AIM-9X Block II Tech Refresh: Hardware Obsolescence Redesign: Lot 19 Cut In: Lot 19 Hardware Cut-In Engineering Change Proposal	1	2019	1	2019
AIM-9X Block II Tech Refresh: Test and Evaluation: Software (v9.4) Improvements: Development Testing (DT-D1)	1	2015	4	2017
AIM-9X Block II Tech Refresh: Test and Evaluation: Software (v9.4) Improvements: Development Test / Integrated Testing (DT-D1 / IT-D1)	4	2017	3	2018
AIM-9X Block II Tech Refresh: Test and Evaluation: Software (v9.4) Improvements: Operational Testing (OT-D1)	3	2018	3	2019
AIM-9X Block II Tech Refresh: Test and Evaluation: Software (v9.4) Improvements: Software v9.4 Release	2	2020	2	2020
AIM-9X Block II Tech Refresh: Test and Evaluation: Software (v10.x) Rehost: Software v10.4 Development Testing	3	2018	3	2020

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207161F / <i>Tactical AIM Missiles</i>	Project (Number/Name) 674132 / <i>AIM-9 Product Improvement</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
AIM-9X Block II Tech Refresh: Test and Evaluation: Software (v10.x) Rehost: Software v10.4 Release	4	2020	4	2020

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