Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force

Date: February 2019

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

3600: Research, Development, Test & Evaluation, Air Force I BA 7:

PE 0207161F I Tactical AIM Missiles

Operational Systems Development

COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	158.324	36.303	37.230	10.314	0.000	10.314	19.452	26.801	21.226	14.281	32.031	355.962
674132: AIM-9 Product Improvement	158.324	36.303	37.230	10.314	0.000	10.314	19.452	26.801	21.226	14.281	32.031	355.962
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Program MDAP/MAIS Code: 442

Note

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

A. Mission Description and Budget Item Justification

The AIM-9X Block II/II+ Sidewinder (AIM-9X Blk II/II+) continues the evolution of the AIM-9 series of missiles. This missile program delivers a launch and leave, air combat munition that uses passive Infrared (IR) energy to acquire and track enemy air targets and complements the radar guided Advanced Medium Range Air-to-Air Missile (AMRAAM). The missile provides first shot, first kill opportunities while conducting basic fighter maneuvering (dogfighting) Within Visual Range (WVR) which is essential for aircrew survival. The AIM-9X provides these opportunities with unmatched offensive and defensive capabilities against threats WVR, even when IR countermeasures are employed. The AIM-9X also provides air superiority in the Beyond Visual Range (BVR) air-to-air battle. Anti-tamper features have been incorporated to protect improvements inherent in this design. The AIM-9X Block II missile is critical for projecting power and winning decisively against threats identified in Defense Planning Guidance and the Navy's Navigation Plan.

AIM-9X is a Post Milestone C, Acquisition Category IC (ACAT-IC) joint service program led by the Department of the Navy. The Block II program has completed independent operational testing and found to be operationally effective and operational/suitable. The program achieved Air Force Initial Operational Capability (IOC) in September 2016 and received Full Rate Production decision in August 2015. The first Full Rate Production Lot contract was 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, and increase capabilities through software enhancements, and conduct testing to ensure platform integration onto threshold US Air Force aircraft.

The USN & USAF require additional quantities beyond the approved APB (Change 1: 31 Aug 2015); an update is in staffing for approval.

The AIM-9X Block I concluded in FY 2011 and all funding/quantity data in the documents are associated with Block II activities.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver AIM-9X weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, and 0605898F

PE 0207161F: Tactical AIM Missiles

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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force **Date:** February 2019

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

3600: Research, Development, Test & Evaluation, Air Force I BA 7:

PE 0207161F I Tactical AIM Missiles

Operational Systems Development

As directed in the FY 2018 NDAA, Sec 825, amendment to PL 114-92 FY 2016 NDAA, Sec 828 Penalty for Cost Overruns, the FY 2018 Air Force penalty total is \$14.373M. The calculated percentage reduction to each research, development, test and evaluation and procurement account will be allocated proportionally from all programs, projects, or activities under such account.

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	34.952	37.230	28.305	0.000	28.305
Current President's Budget	36.303	37.230	10.314	0.000	10.314
Total Adjustments	1.351	0.000	-17.991	0.000	-17.991
 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	2.441	0.000			
SBIR/STTR Transfer	-1.090	0.000			
Other Adjustments	0.000	0.000	-17.991	0.000	-17.991

Change Summary Explanation

FY 2018 increase of \$2.411M due to Below Threshold Reprogramming to support AIM-9X Flight Termination Development.

FY 2018 reduction of \$1.09M for SBIR.

FY 2020 reduction of \$17.991M for higher Air Force priorities.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2018	FY 2019	FY 2020
Title: AIM- 9X Product Development	34.469	30.687	7.254
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, as well as support required to ensure AIM-9X missile integration with threshold US Air Force aircraft platforms. This also includes efforts to redesign missile components in order to resolve Block II component obsolescence to ensure missile producibility and increase reliability beyond Lot 20. Incorporate anti-tamper and cyber security technology improvements, implement cost reduction initiatives, and comply with			

PE 0207161F: Tactical AIM Missiles

Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force		Date: F	ebruary 2019	<u> </u>
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0207161F / Tactical AIM Missiles	Date: 1	esidary 2010	
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2018	FY 2019	FY 2020
the Insensitive Munitions (IM) requirements as established by Joint Requirements 2009.	ents Oversight Council memo dated 11 February			
FY 2019 Plans: Complete v9.317 software release to resolve aircraft employment deficiencies Continue Engineering Manufacturing Development required to redesign, integ obsolescence and implement cost reduction initiatives. Incorporate anti-tampe Continue to develop v9.4 Block II software improvements to pace the threat at Continue to develop missile hardware design improvements necessary to enhance the continue to develop missile hardware design improvements.	rate, test and qualify components due to er and cyber security technology improvements. and fully utilize the capabilities of the missile.			
FY 2020 Plans: Complete Engineering Manufacturing Development required to redesign, integobsolescence and implement cost reduction initiatives. Complete development the threat and fully utilize the capabilities of the missile. Incorporate anti-tamp Continue to develop missile hardware design improvements necessary to enhance the continue to develop missile hardware design improvements.	at of v9.4 Block II software improvements to pace over and cyber security technology improvements.			
FY 2019 to FY 2020 Increase/Decrease Statement: Decrease in FY20 reflects the completion of the development activities associ components and v9.4 software improvements.	ated with the obsolescence redesign of missile			
Title: AIM-9X, Test and Evaluation		1.834	6.543	3.060
Description: Test and Evaluation (T&E) and associated governmental supposition with threshold US Air Force aircraft platforms (F-15). Developmental and Ope				
FY 2019 Plans: Continue Developmental Testing and Integrated Testing (DT/IT-D1) of Operat associated with further integrating Air Force threshold aircraft to utilize full cap				
FY 2020 Plans: Complete Developmental Testing and Integrated Testing (DT/IT-D1) of Opera associated with further integrating the Air Force threshold aircraft to utilize the				
FY 2019 to FY 2020 Increase/Decrease Statement:	17 6 64:			
Decrease in FY20 reflects planned completion of Developmental and Integrate	ed Testing of v9.4 improvements into the missile. Accomplishments/Planned Programs Subtotals	36.303	37.230	10.314
	Accomplishments/Hamiled Frograms Subtotals	30.303	37.230	10.514

PE 0207161F: *Tactical AIM Missiles* Air Force

Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force

Date: February 2019

Appropriation/Budget Activity

3600: Research, Development, Test & Evaluation, Air Force I BA 7:

Operational Systems Development

R-1 Program Element (Number/Name)
PE 0207161F / Tactical AIM Missiles

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

	, , , , , , , , , , , , , , , , , , , 		FY 2020	FY 2020	FY 2020					Cost To	
<u>Line Item</u>	FY 2018	FY 2019	Base	000	<u>Total</u>	FY 2021	FY 2022	FY 2023	FY 2024	Complete	Total Cost
MPAF 02 Line Item M09HAI:	124.650	121.253	160.408	-	160.408	164.987	117.621	121.983	120.545	1,630.840	2,562.287
Sidewinder (AIM-9X)											
 MPAF 04 Line Item 000999: 	11.222	11.248	11.454	-	11.454	11.644	11.796	12.064	15.914	Continuing	Continuing
Replen Spares, USAF											
 MPAF 04 Line Item 000999 	5.720	4.255	0.490	-	0.490	1.864	13.702	13.736	1.971	24.180	65.918
(2): Inital Spares, USAF											
• RDTE 07 PE 0207161N:	34.063	40.121	19.488	-	19.488	6.946	0.345	0.348	0.349	Continuing	Continuing
Tactical AIM Missile											
WPN Line Item 2209: Sidewinder	76.915	121.481	119.456	-	119.456	127.446	114.784	99.749	101.745	312.695	1,074.271

Remarks

E. Acquisition Strategy

Milestone C decision for LRIP was held June 24, 2011. 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 achieved IOC in September 2016. The program awarded the FRP-3 contract in March 2017 awarded FRP-4 in December 2018. The program plans to award FRP-5 in February 2019. The program plans to award FRP-6 in February 2020.

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.

PE 0207161F: Tactical AIM Missiles

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Exhibit R-3, RDT&E I	Project C	ost Analysis: PB 2	2020 Air F	orce								Date:	February	2019	
Appropriation/Budge 3600 / 7	et Activity	1							umber/Na M Missile		_	(Number I AIM-9 F	r/ Name) Product Im	proveme	nt
Product Developmen	nt (\$ in M	illions)		FY 2	2018	FY 2	2019	FY 2 Ba	2020 ise	FY 2		FY 2020 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
RMS Software/OFP Upgrade	SS/CPFF	RMS : Tucson, AZ	115.116	28.654	May 2018	24.727	Feb 2019	-		-		-	88.945	257.442	312.87
Flight Termination System	MIPR	NAWC WD : China Lake, CA	0.150	2.400	Jul 2018	2.000	Jul 2019	3.000	Jan 2020	-		3.000	4.244	11.794	-
Munitions Improvement Study (USG)	MIPR	NAWC WD : China Lake, CA	9.343	2.600	Apr 2018	3.260	Apr 2019	3.433	Apr 2020	-		3.433	0.000	18.636	-
Systems Engineering (USG)	MIPR	NAWC WD : China Lake, CA	2.623	0.665	Jul 2018	0.200	May 2019	0.321	Jul 2020	-		0.321	0.357	4.166	-
Aircraft Integration	SS/CPFF	Boeing : St. Louis, MO	0.612	0.150	Apr 2018	0.500	Apr 2019	0.500	Feb 2020	-		0.500	0.000	1.762	2.11
		Subtotal	127.844	34.469		30.687		7.254		-		7.254	93.546	293.800	N/A
Test and Evaluation	(\$ in Milli		127.844	34.469	2018	30.687	2019	FY 2	2020 ise		2020 CO	7.254 FY 2020 Total	93.546	293.800	N/A
Test and Evaluation Cost Category Item	(\$ in Milli Contract Method & Type		Prior Years		2018 Award Date		2019 Award Date	FY 2		FY 2		FY 2020	93.546 Cost To Complete	293.800 Total Cost	Target Value of
Cost Category Item	Contract Method	ons) Performing	Prior	FY 2	Award	FY 2	Award	FY 2 Ba	se Award	FY 2	CO Award	FY 2020 Total	Cost To	Total	Target Value of
Cost Category Item	Contract Method & Type	Performing Activity & Location Eglin AFB: Eglin, FL	Prior Years	FY 2 Cost 1.300	Award Date	FY 2 Cost 5.733	Award Date	FY 2 Ba Cost 2.500	Award Date	FY 2	CO Award	FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item DT&E/OT&E	Contract Method & Type	Performing Activity & Location Eglin AFB: Eglin, FL	Prior Years 23.132	FY 2 Cost 1.300	Award Date Feb 2018	FY 2 Cost 5.733	Award Date Feb 2019	FY 2 Ba Cost 2.500	Award Date Feb 2020	FY 2 OC Cost	CO Award	FY 2020 Total Cost 2.500	Cost To Complete 1.493	Total Cost 34.158	
Cost Category Item DT&E/OT&E IT/OT Support F-15	Contract Method & Type PO SS/CPAF	Performing Activity & Location Eglin AFB: Eglin, FL RMS: Tuscon, AZ Subtotal	Prior Years 23.132 0.000	Cost 1.300 0.135	Award Date Feb 2018 May 2018	FY 2 Cost 5.733 0.457	Award Date Feb 2019 Mar 2019	FY 2 Ba Cost 2.500 0.300	Award Date Feb 2020 Mar 2020	FY 2 O0 Cost	Award Date	FY 2020 Total Cost 2.500 0.300	Cost To Complete 1.493 0.000	Total Cost 34.158 0.892	Target Value of Contract
Cost Category Item DT&E/OT&E	Contract Method & Type PO SS/CPAF	Performing Activity & Location Eglin AFB: Eglin, FL RMS: Tuscon, AZ Subtotal	Prior Years 23.132 0.000	Cost 1.300 0.135 1.435	Award Date Feb 2018 May 2018	FY 2 Cost 5.733 0.457 6.190	Award Date Feb 2019 Mar 2019	FY 2 Ba Cost 2.500 0.300 2.800	Award Date Feb 2020 Mar 2020	FY 2 OO Cost FY 2	Award Date	FY 2020 Total Cost 2.500 0.300 2.800 FY 2020	Cost To Complete 1.493 0.000	Total Cost 34.158 0.892	Target Value of Contract - 0.994 N/A
Cost Category Item DT&E/OT&E IT/OT Support F-15 Management Service	Contract Method & Type PO SS/CPAF es (\$ in M Contract Method	Performing Activity & Location Eglin AFB : Eglin, FL RMS : Tuscon, AZ Subtotal illions) Performing	Prior Years 23.132 0.000 23.132	FY 2 Cost 1.300 0.135 1.435	Award Date Feb 2018 May 2018 2018 Award Date	FY 2 Cost 5.733 0.457 6.190 FY 2	Award Date Feb 2019 Mar 2019 2019 Award	Cost 2.500 0.300 2.800 FY 2 Ba	Award Date Feb 2020 Mar 2020 2020 se Award	Cost FY 2 OO	Award Date	FY 2020 Total Cost 2.500 0.300 2.800 FY 2020 Total	Cost To Complete 1.493 0.000 1.493	Total Cost 34.158 0.892 35.050	Target Value of Contract - 0.994 N/A
Cost Category Item DT&E/OT&E IT/OT Support F-15 Management Service Cost Category Item	Contract Method & Type PO SS/CPAF es (\$ in M Contract Method & Type	Performing Activity & Location Eglin AFB : Eglin, FL RMS : Tuscon, AZ Subtotal illions) Performing Activity & Location	Prior Years 23.132 0.000 23.132 Prior Years	Cost 1.300 0.135 1.435	Award Date Feb 2018 May 2018 2018 Award Date	FY 2 Cost 5.733 0.457 6.190 FY 2	Award Date Feb 2019 Mar 2019 2019 Award Date	FY 2 Ba Cost 2.500 0.300 2.800 FY 2 Ba	Award Date Feb 2020 Mar 2020 2020 se Award Date	Cost FY 2 OC Cost	Award Date	FY 2020 Total Cost 2.500 0.300 2.800 FY 2020 Total Cost	Cost To Complete 1.493 0.000 1.493 Cost To Complete	Total Cost 34.158 0.892 35.050 Total Cost	Target Value of Contract 0.994 N// Target Value of Contract 8.904
Cost Category Item DT&E/OT&E IT/OT Support F-15 Management Service Cost Category Item	Contract Method & Type PO SS/CPAF es (\$ in M Contract Method & Type	Performing Activity & Location Eglin AFB : Eglin, FL RMS : Tuscon, AZ Subtotal illions) Performing Activity & Location Eglin AFB : Eglin, FL	Prior Years 23.132 0.000 23.132 Prior Years 7.348	Cost 1.300 0.135 1.435 FY 2 Cost 0.399	Award Date Feb 2018 May 2018 2018 Award Date Mar 2018	Cost 5.733 0.457 6.190 FY 2 Cost 0.353	Award Date Feb 2019 Mar 2019 2019 Award Date Jan 2019	FY 2 Ba Cost 2.500 0.300 2.800 FY 2 Ba Cost 0.260 0.260	Award Date Feb 2020 Mar 2020 2020 se Award Date	Cost FY2 OC Cost	Award Date 2020 CO Award Date	Cost 2.500 0.300 2.800 Total Cost 0.260	Cost To Complete 1.493 0.000 1.493 Cost To Complete 0.760	Total Cost 34.158 0.892 35.050 Total Cost 9.120	Target Value of Contract 0.994 N/A Target Value of Contract

PE 0207161F: Tactical AIM Missiles Air Force

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Exhibit R-3, RDT&E Project Cost Analys	sis: PB 2020 Air Fo	rce				Date:	February	2019	
Appropriation/Budget Activity 3600 / 7				ement (Number/N Tactical AIM Missile		(Number	r/ Name) Product Imp	orovem	ent
	Prior Years	FY 2018	FY 2019	FY 2020 Base	2020 CO	FY 2020 Total	Cost To	Total Cost	Target Value of Contrac
Remarks									

PE 0207161F: Tactical AIM Missiles

Air Force

khibit R-4, RDT&E Schedule Profile: PB 2020 A	ir Fc	rce																	-	Da	te: F	ebr	uary	201	9	
propriation/Budget Activity 00 / 7														ber/N ⁄/issile))					ber/l 9 Pro			nprov	remei	nt
			2018			Y 20		4		202	_		FY 2		4 4		202	_		_	202	_			2024	-
AIM-9X Production Milestones	1	2	3	4	1	2	3	4	1 2	2 3	4	1	2	3 4	1 1	2	3	4	1	2	2 3	4	1	2	3	4
Contract Award: Lot 18 (FRP 4)			-																							_
Contract Award: Lot 19 (FRP 5)				_																						_
Contract Award: Lot 20 (FRP 6)																										_
Contract Award: Lot 21 (FRP 7)			-																							
Contract Award: Lot 22 (FRP 8)																										
Contract Award: Lot 23 (FRP 9)																										_
Contract Award: Lot 24 (FRP 10)																										
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)																										
Production Deliveries : Lot 20 (FRP 6)																										
Production Deliveries: Lot 21 (FRP 7)																										
AIM-9X Block II System Improvement Program (SIP) II																										
Operational Flight Software Release v9.317																										
AIM-9X Block II Tech Refresh (SIP III): Hardware																										
Controlled Actuation System (CAS) Battery Design																										
Program III Engineering Manufacturing Development Contract																										
Lot 20 Hardware (IMU, Dome & Processor)										,																
Lot 20 Hardware Preliminary Design Review													-													_

PE 0207161F: *Tactical AIM Missiles* Air Force

propriation/Budget Activity											n El e F / 7							e)							/ Na n		over	neni	 t
		FY 2	2018	}		FY	201	9		FY	2020			FY	202	1		F	Υ 2	2022				20			Y 20		_
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	1	2	3	4	1	2	3	3 4	1	2	3	4
Lot 20 Hardware Critical Design Review																													
Lot 20 Hardware Cut In: Engineering Change Proposal																													
AIM-9X Block II Tech Refresh (SIP III): Software																													
Software v9.4 Improvements: Development Testing (DT-D1)																													
Software v9.4 Improvements: Development Test / Integrated Testing (DT/IT-D1)																													
Software v9.4 Improvements: Operational Test Readiness Review (OTRR)																													
Software v9.4 Improvements: Operational Testing (OT-D1)																													
Software v9.4 Improvements: Software v9.4 Release																													
Software v10.4 Rehost: Development Testing (DT-D2)																													
Software v10.4 Rehost: Software v10.4 Release																													
AIM-9X Block II Tech Refresh (SIP IV)																													
Hardware and Software Obsolescence																													

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Air Force		Date: February 2019
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Number/Name)
3600 / 7	PE 0207161F I Tactical AIM Missiles	674132 I AIM-9 Product Improvement

Schedule Details

	Sta	art	En	ıd
Events by Sub Project	Quarter	Year	Quarter	Year
AIM-9X Production Milestones				
Contract Award: Lot 18 (FRP 4)	1	2019	1	2019
Contract Award: Lot 19 (FRP 5)	2	2019	2	2019
Contract Award: Lot 20 (FRP 6)	2	2020	2	2020
Contract Award: Lot 21 (FRP 7)	2	2021	2	2021
Contract Award: Lot 22 (FRP 8)	2	2022	2	2022
Contract Award: Lot 23 (FRP 9)	2	2023	2	2023
Contract Award: Lot 24 (FRP 10)	2	2024	2	2024
Production Deliveries: Lot 15 (FRP 1)	1	2018	2	2018
Production Deliveries: Lot 16 (FRP 2)	3	2018	2	2019
Production Deliveries: Lot 17 (FRP 3)	3	2019	2	2020
Production Deliveries: Lot 18 (FRP 4)	3	2020	2	2021
Production Deliveries: Lot 19 (FRP 5)	3	2021	2	2022
Production Deliveries : Lot 20 (FRP 6)	3	2022	2	2023
Production Deliveries: Lot 21 (FRP 7)	3	2023	2	2024
AIM-9X Block II System Improvement Program (SIP) II				
Operational Flight Software Release v9.317	2	2019	2	2019
AIM-9X Block II Tech Refresh (SIP III): Hardware				
Controlled Actuation System (CAS) Battery Design	2	2019	2	2019
Program III Engineering Manufacturing Development Contract	1	2018	1	2019
Lot 20 Hardware (IMU, Dome & Processor)	2	2019	4	2021
Lot 20 Hardware Preliminary Design Review	3	2018	3	2018
Lot 20 Hardware Critical Design Review	2	2020	2	2020

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Air Force	hibit R-4A, RDT&E Schedule Details: PB 2020 Air Force Date: February 2019		
1	,	, ,	umber/Name)
3600 / 7	PE 0207161F / Tactical AIM Missiles	6/4132 <i>I A</i>	IM-9 Product Improvement

	Start		End	
Events by Sub Project	Quarter	Year	Quarter	Year
Lot 20 Hardware Cut In: Engineering Change Proposal	2	2021	2	2021
AIM-9X Block II Tech Refresh (SIP III): Software				
Software v9.4 Improvements: Development Testing (DT-D1)	2	2019	2	2020
Software v9.4 Improvements: Development Test / Integrated Testing (DT/IT-D1)	2	2019	2	2020
Software v9.4 Improvements: Operational Test Readiness Review (OTRR)	3	2020	3	2020
Software v9.4 Improvements: Operational Testing (OT-D1)	2	2020	1	2021
Software v9.4 Improvements: Software v9.4 Release	3	2021	3	2021
Software v10.4 Rehost: Development Testing (DT-D2)	1	2021	2	2022
Software v10.4 Rehost: Software v10.4 Release	3	2022	3	2022
AIM-9X Block II Tech Refresh (SIP IV)				,
Hardware and Software Obsolescence	1	2021	4	2024

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