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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Air Force **Date:** March 2024

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 0207249F / <i>Precision Attack Systems Procurement</i>
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	-	12.284	11.872	12.723	0.000	12.723	13.659	13.940	14.234	14.516	Continuing	Continuing
675347: <i>Advanced Targeting Pod</i>	-	12.284	11.872	12.723	0.000	12.723	13.659	13.940	14.234	14.516	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Advanced Targeting Pod (ATP) program includes, but is not limited to, modifying and upgrading LITENING and Sniper precision targeting pods supporting F-15E, F-16, A-10, B-1B, and B-52. Each targeting pod provides long-range target acquisition and expanded weapon delivery envelopes during day, night, and all-weather conditions. ATPs are imperative in supporting Long Range Kill Chain in support of Operational Imperative 3, as well as target identification, reduction in collateral damage, and fratricide prevention. Targeting pods are equipped with infrared (IR) sensor, laser designator, digital video, and real-time video data link for connectivity with ground forces. Funds will support integrating ATP advanced technology with aircraft Operational Flight Programs, upgrading pod capability, technical analysis, and testing.

The FY2025 funding request was reduced by \$.604 million to account for the availability of prior year execution balances

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY23 \$0.310M was expended for civilian pay expenses in this program element, and in FY24 \$0.357M is forecasted for civilian pay expenses in this program element.

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.

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B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	12.722	11.872	13.304	0.000	13.304
Current President's Budget	12.284	11.872	12.723	0.000	12.723
Total Adjustments	-0.438	0.000	-0.581	0.000	-0.581
• 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	-0.438	0.000			
• Other Adjustments	0.000	0.000	-0.581	0.000	-0.581

Change Summary Explanation

No significant Changes

C. Accomplishments/Planned Programs (\$ in Millions)

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Advanced Targeting Pod-Technical Insertion (ATP-TI) Increment 1	12.284	11.872	12.723	0.000	12.723
Description: ATP-TI serves as a continuation effort of the ATP-SE program. Efforts include upgrading Operational Flight Program for the Sniper and LITENING precision targeting pods, testing, and aircraft integration.					
FY 2024 Plans: Accomplish ATP Operational Flight Program (OFF) requirements, and further technology improvements, requirements definition, studies, analysis and assessments.					
FY 2025 Base Plans: Accomplish ATP Operational Flight Program (OFF) user requirements and provided improved long-range target detection/identification and continuous stabilized surveillance in support of ground forces with Digital Video Interface and Large Aperture kits.					
FY 2025 OCO Plans: N/A					
FY 2024 to FY 2025 Increase/Decrease Statement:					

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Funding increased because FY25 Operational Flight Program requirements increased for LITENING and Sniper pods to accurately reflect ATP advanced technology OFP Cost, technical analysis, and testing.					
Accomplishments/Planned Programs Subtotals	12.284	11.872	12.723	0.000	12.723

D. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• APAF 05 Line Item 057: <i>Other Aircraft, Precision Attack Systems Modifications</i>	9.476	53.374	54.351	-	54.351	55.243	56.439	-	-	Continuing	Continuing
• APAF 06 Line Item 000999: <i>Initial Spares/Repair Parts</i>	2.292	3.659	3.725	-	3.725	3.786	3.869	-	-	Continuing	Continuing

Remarks

E. Acquisition Strategy
The Advanced Targeting Pod (ATP) acquisition strategy consists of several development contracts that use a competitive/ Firm Fixed Price (C/FFP) approach.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force												Date: March 2024			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
3600 / 7				PE 0207249F / Precision Attack Systems P rocurement				675347 / Advanced Targeting Pod							
Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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
ATP: OFP, Technology Improvement, Tech Analysis, Studies & Assessments	C/FFP	NGC, LM, AFRL : AFRL, WPAFB	-	12.204	Oct 2022	11.372	Oct 2023	12.223	Oct 2024	-		12.223	Continuing	Continuing	-
Subtotal			-	12.204		11.372		12.223		-		12.223	Continuing	Continuing	N/A
Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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
Support	C/CPAF	Not specified. : TBD	-	-		-		-		-		-	Continuing	Continuing	-
DCA Civ Pay	Allot	Allotment: Wright Patt : Wright Patterson, OH	-	-		0.304	Jan 2024	0.357	Jan 2025	-		0.357	Continuing	Continuing	-
Subtotal			-	-		0.304		0.357		-		0.357	Continuing	Continuing	N/A
Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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
ATP: Risk Reduction	C/FFP	Multiple : Various	-	0.080	Nov 2022	0.196	Nov 2023	0.143	Nov 2024	-		0.143	Continuing	Continuing	-
Subtotal			-	0.080		0.196		0.143		-		0.143	Continuing	Continuing	N/A
Project Cost Totals			-	12.284		11.872		12.723		-		12.723	Continuing	Continuing	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207249F / Precision Attack Systems Procurement	Project (Number/Name) 675347 / Advanced Targeting Pod

FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
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

ATP-SE	
FY21 OFP Integration	
FY22 OFP Integration	
ATP-TI	
FY23 OFP Integration	
FY24 OFP Integration	
FY25 OFP Integration	
FY26 OFP Integration	
FY27 OFP Integration	

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207249F / <i>Precision Attack Systems Procurement</i>	Project (Number/Name) 675347 / <i>Advanced Targeting Pod</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ATP-SE				
FY21 OFP Integration	2	2023	2	2024
FY22 OFP Integration	2	2023	2	2023
ATP-TI				
FY23 OFP Integration	2	2023	2	2024
FY24 OFP Integration	2	2024	2	2025
FY25 OFP Integration	2	2025	2	2026
FY26 OFP Integration	2	2026	2	2027
FY27 OFP Integration	2	2027	4	2027