

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Air Force **Date:** March 2023

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>
--	---

COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	14.016	12.722	11.872	0.000	11.872	13.304	13.635	13.914	14.209	Continuing	Continuing
675347: <i>Advanced Targeting Pod</i>	-	14.016	12.722	11.872	0.000	11.872	13.304	13.635	13.914	14.209	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. 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 technology with aircraft Operational Flight Programs, upgrading pod capability, technical analysis, and testing.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY22 0.0M was expended for civilian pay expenses in this program element, and in FY23 0.0M is forecasted for civilian pay expenses in this program element.

The FY2024 funding request was reduced by 1.139 million to account for the availability of prior year execution balances.

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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	12.083	12.722	12.982	0.000	12.982
Current President's Budget	14.016	12.722	11.872	0.000	11.872
Total Adjustments	1.933	0.000	-1.110	0.000	-1.110
• 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	2.336	0.000			
• SBIR/STTR Transfer	-0.403	0.000			
• Other Adjustments	0.000	0.000	-1.110	0.000	-1.110

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Air Force	Date: March 2023
--	-------------------------

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>
--	---

Change Summary Explanation

FY22 adjustments include -.403 million for SBIR and \$2.336 million of internal reprogrammings

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

	FY 2022	FY 2023	FY 2024
<p>Title: Advanced Targeting Pod - Sensor Enhancement (ATP-SE) Requirements</p> <p>Description: Sensor enhancement and modifications supporting Sniper and LITENING precision targeting pods supporting F-15E, F-16, A-10, B-1B, & B-52. Efforts include design enhancements, test events, and aircraft Operational Flight Program (OFP) integration.</p> <p>FY 2023 Plans: N/A</p> <p>FY 2024 Plans: N/A</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: N/A</p>	14.016	0.000	0.000
<p>Title: Advanced Targeting Pod-Technical Insertion (ATP-TI) Increment 1</p> <p>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.</p> <p>FY 2023 Plans: Accomplish ATP Operational Flight Program (OFP) requirements, and further technology improvements, requirements definition, studies, analysis and assessments.</p> <p>FY 2024 Plans: Accomplish ATP Operational Flight Program (OFP) requirements, and further technology improvements, requirements definition, studies, analysis and assessments.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: Funding decreased due to insufficient execution and obligation of funds in prior years</p>	0.000	12.722	11.872
Accomplishments/Planned Programs Subtotals	14.016	12.722	11.872

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Air Force **Date:** March 2023

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>
--	---

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

<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u> <u>Base</u>	<u>FY 2024</u> <u>OCO</u>	<u>FY 2024</u> <u>Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• APAF 05 Line Item 057: <i>Other Aircraft, Precision Attack Systems Modifications</i>	14.818	9.476	53.374	-	53.374	54.351	55.243	56.439	-	Continuing	Continuing
• APAF 06 Line Item 000999: <i>Initial Spares/Repair Parts</i>	3.425	2.292	3.659	-	3.659	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.

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Air Force		Date: March 2023
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 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
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	██████████

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force		Date: March 2023
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	2022	2	2022
FY22 OFP Integration	2	2022	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