

UNCLASSIFIED



**CLEARED**  
**For Open Publication**

Sep 27, 2024

Department of Defense  
OFFICE OF PREPUBLICATION AND SECURITY REVIEW

# Modernized Selected Acquisition Report (MSAR) Precision Strike Missile (PrSM)

FY 2025 President's Budget

Effective: December 31, 2023

Defense Acquisition Visibility Environment

---

UNCLASSIFIED

## Table of Contents

Common DoD Abbreviations	3
Program Description	5
Responsible Office	6
Executive Summary	7
Schedule	8
Performance	9
Acquisition Budget Estimate	12
Unit Costs	14
Life-Cycle Costs	15
Technologies and Systems Engineering	17
Performing Activities and Contracts	18
Production	19
Deliveries and Expenditures	20
International Program Aspects	21

**(U) Common DoD Abbreviations**

\$B	Billions of Dollars
\$K	Thousands of Dollars
\$M	Millions of Dollars
ACAT	Acquisition Category
Acq O&M	Acquisition-Related Operations and Maintenance
ADM	Acquisition Decision Memorandum
APA	Additional Performance Attribute
APB	Acquisition Program Baseline
APPN	Appropriation
APUC	Average Procurement Unit Cost
BA	Budget Authority or Budget Activity
Blk	Block
BY	Base Year
CAE	Component Acquisition Executive
CAPE	Cost Assessment and Program Evaluation
CARD	Cost Analysis Requirements Description
CCE	Component Cost Estimate
CCP	Component Cost Position
CDD	Capability Development Document
CLIN	Contract Line Item Number
CPD	Capability Production Document
CY	Calendar Year or Constant Year
DAB	Defense Acquisition Board
DAE	Defense Acquisition Executive
DAES	Defense Acquisition Executive Summary
DAVE	Defense Acquisition Visibility Environment
DoD	Department of Defense
DSN	Defense Switched Network
EMD	Engineering and Manufacturing Development
EVM	Earned Value Management
FD	Full Deployment
FDD	Full-Deployment Decision
FMS	Foreign Military Sales
FOC	Full Operational Capability
FRP	Full-Rate Production
FY	Fiscal Year
FYDP	Future Years Defense Program
ICD	Initial Capabilities Document
ICE	Independent Cost Estimate
Inc	Increment
IOC	Initial Operational Capability
IT	Information Technology
JROC	Joint Requirements Oversight Council
KPP	Key Performance Parameter
KSA	Key System Attribute

LRIP	Low-Rate Initial Production
MDA	Milestone Decision Authority
MDAP	Major Defense Acquisition Program
MILCON	Military Construction
N/A	Not Applicable
O	Objective
O&M	Operations and Maintenance
O&S	Operating and Support
ORD	Operational Requirements Document
OSD	Office of the Secretary of Defense
PAUC	Program Acquisition Unit Cost
PB	President's Budget
PE	Program Element
PEO	Program Executive Officer
PM	Program Manager
POE	Program Office Estimate
R&MF	Revolving and Management Funds
RDT&E	Research, Development, Test, and Evaluation
SAR	Selected Acquisition Report
SCP	Service Cost Position
T	Threshold
TBD	To Be Determined
TY	Then Year
U.S.	United States
U.S.C	United States Code
UCR	Unit Cost Reporting
USD(A&S)	Under Secretary of Defense (Acquisition and Sustainment)

**(U) Program Description**

<b>Full Name</b> Precision Strike Missile	<b>Short Name</b> PrSM
<b>PNO</b> 494	<b>Milestone Decision Authority</b> Component Acquisition Executive
<b>Lead Component</b> Department of the Army	<b>Program Executive Office</b> PEO Missiles & Space (M&S)
<b>Joint Program</b> No	<b>International Partners</b> Australia
<b>Adaptive Acquisition Pathway</b> Major Capability Acquisition	<b>Acquisition Type</b> Major Defense Acquisition Program
<b>Acquisition Category</b> IB	<b>Acquired Systems</b> PrSM
<b>Acquisition Status</b> Active Acquisition	

**Mission**

The Precision Strike Missile (PrSM) is the Army's next generation surface to surface missile that replaces and improves upon Army Tactical Missile System(ATACMS) capabilities. PrSM requirements include: max range of greater than 400km, specified lethality against the designated target set, a Launch Pod Missile Container (LPMC) that holds two missiles, survivability in a threat environment, and compatibility with the existing launcher platforms (M270A2 Multiple Launch Rocket System (MLRS) and M142 High Mobility Artillery Rocket System (HIMARS)). PrSM will meet cluster and insensitive munition requirements. PrSM is being designed with an open system architecture that provides the capability for future growth to counter new and emerging threats. Increment 1 will include the ability to attack moving maritime and ground targets, Increment 2 will provide increased lethality, and Increment 3 will provide extended range. The mission of the PrSM System is to attack/neutralize/suppress/destroy targets using missile delivered indirect precision fires. PrSM will provide Joint Force Commanders with a 24/7, all weather capability to attack critical and time sensitive area and point targets including threat air defense, missile launchers, command and control center, assembly/ staging areas and high payoff targets at all depths of the multi-domain battlefield. The PrSM will counter the enemy's ability to conduct combat maneuver and air defense operations.

**(U) Responsible Office****Program Executive Officer**

PEO Missiles &amp; Space (M&amp;S)

BG Francisco J. Lozano

francisco.j.lozano8.mil@army.mil (primary)

(256) 876-0714 (commercial)

**Program Manager**

Product Manager Precision Strike Missile

Mr. Ronald E. Holliday

ronald.e.holliday4.civ@army.mil (primary)

(256) 876-1195 (commercial)

## (U) Executive Summary

*Additional information for this section is provided in the classified annex to this submission.*

### Program Highlights Since Last Report

The Precision Strike Missile (PrSM), Increment 1 program:

- Completed qualification for 12 of 12 critical missile components and anticipates completing qualification of the remaining three missile components in December 2023.
- Awarded an Early Operational Capability (EOC)- 3 contract in September 2023 for 26 missiles
- Successfully completed the PrSM Increment 1 Production Qualification Test in November 2023 which satisfies the criteria for acceptance of the first four PrSM Increment 1 EOC missiles in 1Q FY 2024
- Delivery of four PrSM Increment 1 EOC missiles in 1QFY24.

### (U) History of Significant Developments Since Program Inception

Date	Description
November 2021	Conducted PrSM System Critical Design Review (CDR).
November 2021	Six successful flight tests from December 2019 ? November 2021.
September 2021	PrSM Milestone B approval Acquisition Decision Memorandum (ADM) signed by the Army Acquisition Executive (AAE).
August 2021	AAE approval ADM for Urgent Capability Acquisition (UCA) Pathway to procure EOC missiles
June 2021	Joint Requirement Oversight Council Memorandum approves PrSM Increment 1 Capability Development Document.
February 2021	Directed Requirement for initial quantities of Early Operational Capability (EOC) missiles, signed by Commander, Army Futures Command.
January 2021	ADM with AAE approval for release of the PrSM Developmental Request for Proposal to support the Engineering and Manufacturing Development (EMD) contract and authority to execute contract line items for long lead EMD test hardware up to \$20M prior to Milestone B.
April 2020	Army Acquisition Executive (AAE) ADM concurs with PrSM program acceleration and a single vendor approach.
November 2017	Reversion of Milestone Decision Authority. This ADM reverts Milestone Decision Authority from the USD-ATL to the Secretary of the Army.
March 2017	The Long-Range Precision Fires (LRPF) Milestone A ADM was signed by the USD-ATL
November 2013	The Precision Strike Missile (PrSM), formerly the Long Range Precision Fires(LRPF), Materiel Development Decision (MDD) as approved through an Acquisition Decision Memorandum (ADM) was signed by the Under Secretary of Defense for Acquisition, Technology and Logistics (USD-ATL).

**(U) Schedule****(U) Schedule Events**

Events		Development APB (Current) 9/24/2021 Objective / Threshold		Current Estimate 12/31/2023	Actual
Material Development Decision	MDD	Nov 2013	Nov 2013	-	-
Milestone A Determination (10 USC 2366a)	2366a Det	Mar 2017	Mar 2017	-	31 Mar 2017
Milestone B Certification (10 USC 2366b)	2366b Cert	Sept 2021	Sept 2021	-	27 Sept 2021
Critical Design Review	CDR	Sept 2021	Mar 2022	-	22 Nov 2021
Initial Operational Test and Evaluation Start	IOT&E	Nov 2024	May 2025	Mar 2025	-
Initial Operational Test and Evaluation Finish	IOT&E	Feb 2025	Aug 2025	May 2025	-
Combined Milestone C and Full Rate Production Decision	MS C	Apr 2025	Oct 2025	Jun 2025	-
Initial Operational Capability	IOC	Aug 2025	Feb 2026	Dec 2025	-

**Notes**

None

**Schedule Baseline Deviation Explanation**

None

**(U) Current Significant Schedule Risks and Risks Identified at Milestones/Decisions**

None



**(U) Performance**

Additional information for this section is provided in the classified annex to this submission.

**(U) Performance Attributes**

System Survivability		
System Survivability: Cyber Survivability		KPP
Current Estimate 12/31/2023		(U) Cyber Survivability. Trade Study 1QFY24, Cyber Vulnerability Penetration Assessment 3QFY24, Adversarial Assessment 2QFY25 will inform any future development efforts to achieve compliance
Demonstrated Performance -		Performance demonstrated by 2QFY25
Development APB (Current)	Objective	(U) The PrSM system shall be compliant to the approved Secure Technical Implementation Guide (STIG). Verification and validation activities (e.g., software code scans, static analysis, code reviews, software qualification tests) shall confirm that the system is compliant. CAT 1 and CAT 2 vulnerability shall be mitigated. The system must maintain the approved Confidentiality, Integrity, and Availability when connecting to and from other systems. It must be capable of <b>**authenticating**</b> with FA Launchers (M142 HIMARS and M270A2 MLRS and designated variants thereof) within the capabilities of the current launcher fleet. It must be capable of maintaining mission effectiveness (resiliency) during cybersecurity testing (i.e. table top [National Defense Authorization Act {NDAA} 1647], Cooperative Vulnerability Identification (CVI), Adversary Cybersecurity DT&E, Cooperative Vulnerability and Penetration Assessment [CVPA], Adversarial Assessment, Command Post Exercises and Army Interoperability Certification [AIC] testing). It will be survivable to novice skill level cybersecurity threats from the insider, nearsider and outsider attack perspectives. In accordance with the Cyber Survivability Endorsement Guide, the overall Cyber Survivability Risk Category is CSRC 3.
9/24/2021	Threshold	(U) The PrSM system shall be compliant to the approved Secure Technical Implementation Guide (STIG). Verification and validation activities (e.g., software code scans, static analysis, code reviews, software qualification tests) shall confirm that the system is compliant. CAT 1 and CAT 2 vulnerability shall be mitigated. The system must maintain the approved Confidentiality, Integrity, and Availability when connecting to and from other systems. It must be capable of <b>**identification**</b> with FA Launchers (M142 HIMARS and M270A2 MLRS and designated variants thereof) within the capabilities of the current launcher fleet. It must be capable of maintaining mission effectiveness (resiliency) during

		cybersecurity testing (i.e. table top [National Defense Authorization Act {NDAA} 1647], Cooperative Vulnerability Identification (CVI), Adversary Cybersecurity DT&E, Cooperative Vulnerability and Penetration Assessment [CVPA], Adversarial Assessment, Command Post Exercises and Army Interoperability Certification [AIC] testing). It will be survivable to novice skill level cybersecurity threats from the insider, nearsider and outsider attack perspectives. In accordance with the Cyber Survivability Endorsement Guide, the overall Cyber Survivability Risk Category is CSRC 3.
<b>System Survivability: Chemical, Biological, Radiological, or Nuclear (CBRN) Survivability</b>		<b>KPP</b>
<b>Current Estimate</b> 12/31/2023		(U) Chemical, Biological, Radiological, or Nuclear (CBRN) Survivability. Trade Study 1QFY24, Cyber Vulnerability Penetration Assessment 3QFY24, Adversarial Assessment 2QFY25 will inform any future development efforts to achieve compliance
<b>Demonstrated Performance</b> -		Performance demonstrated by 2QFY25
<b>Development APB (Current)</b>  9/24/2021	<b>Objective</b>	(U) The PrSM shall remain fully mission capable without requiring a system restart after a HEMP or INWE event.
	<b>Threshold</b>	(U) Chemical, Biological, Radiological, or Nuclear (CBRN) Survivability. The PrSM is designated CBRN survivability mission critical IAW DoDI 3150.09. The Launch Pod Missile Container (LPMC) must meet the contamination and survivability requirements and be capable of withstanding the materiel damaging effects of contaminants, decontamination, and field procedures required to decontaminate down to negligible risk levels IAW MIL-STD 3056. Employment must be compatible with Soldiers in Mission Oriented Protective Posture IV. Mission essential functions shall be survivable in storage, while in transport, and on the launcher against the Initial Nuclear Weapons Effects (INWE) of blast, thermal and initial nuclear radiation to the same level as the launchers as defined in MIS-30225 Nuclear Environment Criteria for MLRS. Mission essential electronics shall be survivable against high altitude electromagnetic pulse (HEMP) environments described in MIL-STD 2169C or the current MIL STD as released while in storage, while in transport, and on the launcher. The PrSM shall be restored to fully mission capable within 10 minutes with no more than one system restart after a HEMP or INWE event.
<b>System Survivability: Electro-Magnetic Spectrum Survivability</b>		<b>KPP</b>
<b>Current Estimate</b> 12/31/2023		(U) Electromagnetic Spectrum Survivability . Trade Study 1QFY24, Cyber Vulnerability Penetration Assessment 3QFY24, Adversarial Assessment 2QFY25 will inform any future development efforts to achieve

		compliance.
<b>Demonstrated Performance</b> -		Performance demonstrated by 2QFY25
<b>Development APB (Current)</b>  9/24/2021	<b>Objective</b>	(U) PrSM must be capable of functioning in an electromagnetic countermeasure environment during flight as defined in the PrSM VOLT.
	<b>Threshold</b>	(U) Electromagnetic Spectrum Survivability Must be capable of down loading targeting data from the launcher and acquiring access to a trusted positioning, navigation and timing (PNT) source (e.g., Military GPS signal).
<b>Maximum Range</b>		<b>KPP</b>
<b>Current Estimate</b> 12/31/2023		>500km
<b>Demonstrated Performance</b> -		499.4km
<b>Development APB (Current)</b>  9/24/2021	<b>Objective</b>	(U) Max range 650 km
	<b>Threshold</b>	(U) Max range 400 km

**(U) Requirement Source:**

Sponsor(s): United States Army

1. Capability Development Document, *Precision Strike Missile (PrSM) Increment 1*  
Validated By: Joint Requirements Oversight Council, July 29, 2021

**Notes**

None

**Performance Deviation Explanation**

None

**(U) Acquisition Budget Estimate****(U) Total Acquisition Estimates and Quantities**

Category (\$M) Base Year: 2021	Development APB (Current) 9/24/2021 CY\$ obs Objective / Threshold		Current Estimate PB 2025 CY\$ obs / TY\$ obs	
	RDT&E	1,048.2	1,153.0	999.9
Procurement	5,542.2	6,096.4	5,437.3	7,264.0
MILCON	53.0	58.3	48.6	62.3
O&M	41.9	46.1	37.1	48.6
Total Acquisition	6,685.3	-	6,522.9	8,419.8
Program Acquisition Unit Cost	1.663	1.829	1.622	2.094
Average Procurement Unit Cost	1.390	1.529	1.364	1.822
Program End-Item Quantity				
Development	35		35	
Procurement	3986		3986	
O&M-Acquired	-		-	

**Budget Notes**

Budget Position: PB25 Lock (AF3.3) (14 MAR 24)

Army Acquisition Executive approved Current Acquisition Program Baseline (APB), September 24, 2021

Army Acquisition Executive approved Current APB, September 24, 2021.

**Quantity Notes**

None

**Cost Baseline Deviation Explanation**

None

**(U) Risk and Sensitivity Analysis**

Current Procurement Estimate Risks (12/31/2023)
None
Current Baseline Risks (9/24/2021)
None
Original Baseline Risks (9/24/2021)
None



**(U) Unit Costs****(U) Current Estimate Compared with Current Baseline**

Category (CY\$M) Base Year: 2021	Current Baseline 09/24/2021	Current Estimate PB 2025	% Change
Program Acquisition Unit Cost			
Acquisition Cost	6,685.3	6,522.9	
Program Quantity	4,021	4,021	
PAUC	1.663	1.622	-2.43%
Average Procurement Unit Cost			
Procurement Cost	5,542.2	5,437.3	
Procurement Quantity	3,986	3,986	
APUC	1.390	1.364	-1.89%

**(U) Current Estimate Compared with Original Baseline**

Category (CY\$M) Base Year: 2021	Original Baseline 09/24/2021	Current Estimate PB 2025	% Change
Program Acquisition Unit Cost			
Acquisition Cost	6,685.3	6,522.9	
Program Quantity	4,021	4,021	
PAUC	1.663	1.622	-2.43%
Average Procurement Unit Cost			
Procurement Cost	5,542.2	5,437.3	
Procurement Quantity	3,986	3,986	
APUC	1.390	1.364	-1.89%

**(U) Cost Growth Details****Impacts of Schedule Changes on Unit Cost**

.

**Status of Each Major Contract and Significant Factors Contributing to Cost and Schedule Variance; Projected Effects on Future Program Costs**

See Contracts section.

**Notes**

None

**(U) Life-Cycle Costs****(U) Operating and Support and Disposal Cost Estimates Compared with Baseline**

Category (\$M) Base Year: 2021	Development APB (Current) 9/24/2021 CY\$ obs Objective / Threshold		Current Estimate CY\$ obs / TY\$ obs	
	Total O&S	220.1	242.1	188.7
Total Disposal	-	-	-	-

**(U) Current Cost Estimate Sources****Operating and Support Cost**

Type: Component Cost Position

Approved by: Assistant Secretary of the Army (Financial Management and Comptroller) , September 17, 2021

**Disposal/Demilitarization Cost**

Type: No estimate. To Be Determined

**Operating and Support Baseline Deviation Explanation**

None

**Cost Notes**

None

**(U) Operating and Support Variance with Prior Estimate**

No Data

**(U) Operating and Support Cost Element Structure Estimates by Acquired System**

(CY\$M) Base Year: 2021							
System	Unit-Level Manpower	Unit Operations	Maintenance	Sustaining Support	Continuing System Improvements	Other	Total
PrSM	2.3	-	40.0	108.3	37.0	1.1	188.7
Program	2.3	-	40.0	108.3	37.0	1.1	188.7

**(U) Annual Operating and Support Costs per Unit Compared with Antecedent System**

No Data

**(U) Operating and Support Cost Estimate Assumptions**

No Data

**Additional O&S Estimate Assumptions**

None

**Antecedent Estimate Assumptions**

There is no antecedent system.

**O&S Annual Cost Calculation Memo**

None



## (U) Technologies and Systems Engineering

### (U) Current Significant Technical Risks and Risks Identified at Milestones/Decisions

Event	Date	Description
Current	5/4/2023	Production Line Validations (PLVs) Closure Criteria: Early Operational Capability 1 Production Readiness Review (PRR) Completed Planned Closure: 3QFY25 Actions: Complete PLVs at major suppliers, complete formal PLVs in Dallas, Lufkin, Camden, complete PLV certifications, conduct successful PRR, final PRR report in 3QFY25
Current	9/8/2020	Missile Component Qualification Closure Criteria: 12 of 12 missile components qualified Planned Closure: 2QFY24 Actions: Component qualification validated by six static fired solid rocket motors in 2QFY24
Current	9/8/2020	System Survivability (Cyber) KPP 1 Closure Criteria: Adversarial assessment to inform KPP compliance Planned Closure: 2QFY25 Actions: Requirement decomposition, cyber tabletop, program protection trade study, cooperative vulnerability and penetration assessment culminates in adversarial assessment to inform KPP compliance in 2QFY25

**(U) Performing Activities and Contracts****(U) External Government Activities**

None

**(U) Contracts and Efforts**

Contract Title	Contract Number / Effort	Contractor	Phase
PrSM Engineering and Manufacturing Development (EMD) & Early Operational Capability-1 (EOC-1)	W31P4Q-21-C-0042	Lockheed Martin Missiles and Fire Control	Development

**(U) Contract and Effort Identification, Price, Quantity and Performance**

<b>Contract Number:</b>	W31P4Q-21-C-0042	<b>Order Number:</b>	-
<b>Contract Title:</b>	PrSM Engineering and Manufacturing Development (EMD) & Early Operational Capability-1 (EOC-1)	<b>Strategy:</b>	FAR 15: Negotiated Contracts
<b>CAGE:</b>	64059 - Lockheed Martin Missiles and Fire Control	<b>Contracting Office:</b>	ACC-RSA
<b>City, State/Province:</b>	Grand Praire, TX		
<b>Effort Number:</b>	-	<b>Supported Phase:</b>	Development
<b>Type:</b>	Multiple Types	<b>Award Date:</b>	April 21, 2021
<b>Latest Modification Date:</b>	November 9, 2022	<b>Definitization Date:</b>	March 31, 2022
<b>Latest Modification No.:</b>	P00022	<b>Work Start Date:</b>	April 21, 2021
<b>Technical Data Rights:</b>	Limited Rights		
<b>Notes:</b>	*** Please note that the Current Target Price, Estimate At Completion (EAC), Budget At Completion (BAC), Actual Cost of Work Performed (ACWP), Budgeted Cost of Work Performed (BCWP), Budgeted Cost of Work Scheduled (BCWS), Work Completed, Cost Variance (CV), and Schedule Variance (SV) are based only on the CPFF portion of the contract. The CPFF portion of the contract has a Target Price of \$115.271M and a Contract Ceiling of \$142.771M. We do not receive any Earned Value Management (EVM) data on the FFP portions of the contract. ***		

Initial Price (TY\$M) Target / Ceiling	Current Price (TY\$M) Target / Ceiling	Estimate at Completion (TY\$M) Contractor / PM	Initial Quantity	Current Quantity	Delivered Quantity
354.0 -	521.7 -	-	123.5	-	-

**(U) Production**

**(U) Low-Rate Initial Production**

No Data

**Rationale if LRIP Quantity Exceeds 10% of Total Procurement Quantity (Current Determination)**

None

**LRIP Notes**

The PrSM program will not be in production until Milestone C (MS C) in Oct 2025.

**(U) Deliveries and Expenditures****(U) Acquisition Funding**

	Total Estimate	Actual to Date	Actual, Percent Complete
Years Appropriated	1	7	700.0%
Appropriations (TY, \$M)	8,419.8	1,379.3	16.4%
Expenditures (TY, \$M)	8,419.8	651.1	7.7%

**(U) End Items Delivered**

	Total Required	Planned to Date	Actual to Date	Actual, Percent Complete
Development	35			
PrSM		8	8	
Procurement	3,986			
PrSM		4	4	
<b>Total</b>	<b>4,021</b>	<b>12</b>	<b>12</b>	<b>0.3%</b>

**Notes**

Then Year Appropriated Amount equal sum of FY 2016 - FY 2023 Research, Development, Test & Evaluation (RDT&E), FY 2024 Continuing Resolution Authority (CRA) funds released to date. Missile Procurement, Army (MIPA) is for FY 2021 - FY 2023 + FY 2024 CRA only. Then Year Expended Amount equals the sum of FY 2016 - FY 2022 RDTE + FY 2023 to date. MIPA is FY 2021 - FY 2022 + FY 2023 to date. Acq O&M based on FY 2019 - FY 2023.

## (U) International Program Aspects

### General Memo

PrSM Increment 2 RDT&E Memorandum of Understanding (MOU) between US and Australia Exportability and Business Issues

### Exportability and Business Issues

PrSM Inc 1 US variant has been approved for export to Australia and the UK. Exportable design work has not begun for FMS customers. The Program Management Office (PMO) has an on-going effort with the prime contractor to ensure the production configuration of PrSM is exportable.

Is design for international exportability planned?	Yes	Industry/Partner Exportability Cost-Sharing?	Yes
--	-----	--	-----

### Program Protection: Technology Security and Foreign Disclosure Issues

Yes. System has been granted limited release but requires redesign for procurements beyond FY28.

### (U) Agreements

No International Agreements have been defined for PrSM



UNCLASSIFIED

## **Modernized Selected Acquisition Report Supplement**

### **Precision Strike Missile (PrSM)**

FY 2025 President's Budget  
Effective: December 31, 2023

UNCLASSIFIED

## **MSAR Supplement Sections**

Program Description

Program Use of the Adaptive Acquisition Framework

Technologies and Systems Engineering

Funding Sources (Acquisition)

Funding Sources (Operating and Support)

Acquisition Estimate and Quantity Summary

Annual Acquisition Estimates by Appropriation Account

Acquired System Annual End-Item Quantities by Appropriation Account

Nuclear Costs

Operational Fielding Plan

O&S Independent Cost Estimate

Annual Operating and Support Estimates by Cost Element

## Program Description

**Full Name**

Precision Strike Missile

**Short Name**

PrSM

**PNO**

494

**Lead Component**

Army

**AAF Pathway**

MCA

**Acquisition Type**

MDAP

**Acquired Systems**

PrSM

### Related Programs

Full Name	PNO	Pathway	Type	ACAT/ BCAT	Acquisition Status	Costs in SAR?	
						Acq	O&S



## **Program Use of the Adaptive Acquisition Framework**

PrSM was established to replace ATACMS providing a cluster munition compliant long range missile solution to engage point and area targets.

Program was established as a New Start / New Development effort on Major Capability Acquisition pathway

## Technologies and Systems Engineering

### Precision Strike Missile

#### Major Software Efforts

Title	Status	Fielding Date	Description
Software Version 8.3 PrSM	Development		Software to support an Urgent Materiel Release of PrSM.
Software Version 8.5	Design		Universal Fire Control System (UFCS) Software for PrSM
Software Version 9.1	Design		Common Fire Control System (CFCS) Software for PrSM

#### Major Engineering Changes

Title	Original Need Date	Fielding Date	Description, Rationale and Program Impacts
Guidance Set Update			Redesign required to incorporate M-code technology, cybersecurity, and mitigate obsolescence
Electronic Safe and Arm Fuze			Redesign required to meet new Army Fuze Board requirements
Proximity Sensor			

## Funding Sources (Acquisition)

### Acquisition Funding Notes

The program is adequately funded and is operating under the current APB established at Milestone B.

### Precision Strike Missile

Category	Account	BA	Line Item	Program Element	RDT&E Project	Shared	Sunk
RDT&E	2040A	05	0605231A - Precision Strike Missile (PrSM)	0605231A	CO3 - Precision Strike Missile (PrSM)		
RDT&E	2040A	07	0607134A - Long Range Precision Fires (LRPF)	0607134A	ES1 - Long Range Precision Fires (LRPF)		
Procurement	2032A	02	8540C29600 - PRECISION STRIKE MISSILE (PRSM)	0208030A	-		
O&M	2020A	04	435 - Other Service Support	0702806A	-	x	

Note: This is PEO MS Acq. O&M for core/TDA SEPM

## Funding Sources (Operating and Support)

*Note: Budget lines fund activities executed by the Program Office or Sustainment Office.*

### Operating and Support Funding Notes

O&S funding supports program after missile fielding is complete

### Precision Strike Missile

Category	Account	BA	Line Item	Program Element	RDT&E Project	Shared	Sunk
----------	---------	----	-----------	-----------------	---------------	--------	------

---

## Acquisition Estimate and Quantity Summary

### Precision Strike Missile

#### Acquisition Estimates

Category	PB 2025	TY (\$M)	Current Base Year	Original Base Year	Report Fiscal Year
			CY2021 (\$M)	CY2021 (\$M)	CY2024 (\$M)
RDT&E		1,044.9	999.9	999.9	1,147.1
Procurement		7,264.0	5,437.3	5,437.3	6,237.6
MILCON		62.3	48.6	48.6	55.7
O&M		48.6	37.1	37.1	42.5
Total Acquisition		8,419.8	6,522.9	6,522.9	7,483.0
PAUC		2.094	1.622	1.622	1.861
APUC		1.822	1.364	1.364	1.565

#### Acquisition End-Item Quantities

System	PB 2025	Development	Procurement
PrSM		35	3,986
<b>Total</b>		<b>35</b>	<b>3,986</b>

#### Unit Description

End items are missiles.

#### Current and Future Years Defense Program Summary, TY(\$M)

Appropriation	Prior	2024	2025	2026	2027	2028	2029	To Complete	Total
RDT&E	941.6	69.7	33.6	-	-	-	-	-	1,044.9
Procurement	383.5	379.7	489.0	538.9	601.0	600.2	607.8	3,663.9	7,264.0
MILCON	-	-	-	62.3	-	-	-	-	62.3
O&M	9.5	2.9	2.8	2.0	2.0	2.1	2.1	25.2	48.6
<b>PB 2025 Total</b>	<b>1,334.6</b>	<b>452.3</b>	<b>525.5</b>	<b>603.1</b>	<b>603.1</b>	<b>602.2</b>	<b>609.9</b>	<b>3,689.2</b>	<b>8,419.8</b>

## Annual Acquisition Estimates by Appropriation Account

(Aligned to Budget Position: PB 2025)

### Precision Strike Missile

Source for TY\$-CY\$ Conversion: ASN FMB-6 Inflation Rates and Outlay Factors for DA, DoN and DW accounts: 17 Jan 2024

2040A - Research, Development, Test & Eval, Army					
fiscal year		Other/ Unallocated	Total TY(\$M)	Weighted Rate	Total CY2021 (\$M)
<b>Total</b>		<b>1,044.9</b>	<b>1,044.9</b>	-	<b>999.9</b>
2016		18.168	18.2	0.927693	19.6
2017		49.899	49.9	0.947439	52.7
2018		114.022	114.0	0.964585	118.2
2019		199.342	199.3	0.980437	203.3
2020		165.217	165.2	1.012136	163.2
2021		81.814	81.8	1.054720	77.6
2022		144.530	144.5	1.103364	131.0
2023		168.623	168.6	1.147007	147.0
2024		69.660	69.7	1.174176	59.3
2025		33.618	33.6	1.199283	28.0

## Annual Acquisition Estimates by Appropriation Account

(Aligned to Budget Position: PB 2025)

### Precision Strike Missile

Source for TY\$-CY\$ Conversion: ASN FMB-6 Inflation Rates and Outlay Factors for DA, DoN and DW accounts: 17 Jan 2024

2032A - Missile Procurement, Army									
fiscal year	End Item Recurring Flyaway	Non-End Item Recurring Flyaway	Non-Recurring Flyaway	Initial Spares	Depot Activation	Other/ Unallocated	Total TY(\$M)	Weighted Rate	Total CY2021 (\$M)
<b>Total</b>	<b>6,692.8</b>	<b>23.7</b>	<b>215.2</b>	<b>-</b>	<b>3.0</b>	<b>329.3</b>	<b>7,264.0</b>	<b>-</b>	<b>5,437.3</b>
2016							-	0.936806	-
2017							-	0.955951	-
2018							-	0.977116	-
2019							-	1.006978	-
2020							-	1.050042	-
2021	59.090		0.839				59.9	1.107180	54.1
2022	138.670		24.304			3.156	166.1	1.145491	145.0
2023	127.960		25.745			3.723	157.4	1.174056	134.1
2024	323.153		33.647			22.915	379.7	1.199560	316.5
2025	364.027		100.495			24.490	489.0	1.224826	399.3
2026	503.346		6.310			29.197	538.9	1.250547	430.9
2027	566.947		2.566			31.518	601.0	1.276809	470.7
2028	571.465		1.582			27.106	600.2	1.303622	460.4
2029	574.783		2.535		3.033	27.429	607.8	1.330998	456.6
2030	578.759		2.345			27.720	608.8	1.358949	448.0
2031	635.847		6.472			29.753	672.1	1.387487	484.4
2032	645.198		3.932			24.995	674.1	1.416624	475.9
2033	653.461		1.326			25.388	680.2	1.446373	470.3
2034	664.533		1.886			25.806	692.2	1.476747	468.7
2035	285.552		1.189			13.955	300.7	1.507759	199.4
2036		9.983				5.955	15.9	1.539422	10.4
2037		9.111				6.081	15.2	1.571750	9.7
2038		4.565				0.113	4.7	1.604756	2.9

## Annual Acquisition Estimates by Appropriation Account

(Aligned to Budget Position: PB 2025)

### Precision Strike Missile

Source for TY\$-CY\$ Conversion: ASN FMB-6 Inflation Rates and Outlay Factors for DA, DoN and DW accounts: 17 Jan 2024

2050A - Military Construction, Army					
fiscal year		Other/ Unallocated	Total TY(\$M)	Weighted Rate	Total CY2021 (\$M)
<b>Total</b>		<b>62.3</b>	<b>62.3</b>	-	<b>48.6</b>
2016			-	0.962569	-
2017			-	0.987548	-
2018			-	1.015220	-
2019			-	1.047560	-
2020			-	1.098759	-
2021			-	1.145414	-
2022			-	1.177951	-
2023			-	1.204412	-
2024			-	1.230086	-
2025			-	1.255944	-
2026		62.300	62.3	1.282319	48.6



## Annual Acquisition Estimates by Appropriation Account

(Aligned to Budget Position: PB 2025)

### Precision Strike Missile

Source for TY\$-CY\$ Conversion: ASN FMB-6 Inflation Rates and Outlay Factors for DA, DoN and DW accounts: 17 Jan 2024

2020A - Operation & Maintenance, Army					
fiscal year		Other/ Unallocated	Total TY(\$M)	Weighted Rate	Total CY2021 (\$M)
<b>Total</b>		<b>48.6</b>	<b>48.6</b>	<b>-</b>	<b>37.1</b>
2016			-	0.919471	-
2017			-	0.934955	-
2018			-	0.953697	-
2019		1.506	1.5	0.975395	1.5
2020		1.637	1.6	1.002106	1.6
2021		1.769	1.8	1.051125	1.7
2022		2.079	2.1	1.103197	1.9
2023		2.489	2.5	1.142921	2.2
2024		2.900	2.9	1.169893	2.5
2025		2.841	2.8	1.194874	2.4
2026		1.982	2.0	1.219967	1.6
2027		2.024	2.0	1.245586	1.6
2028		2.066	2.1	1.271743	1.6
2029		2.110	2.1	1.298450	1.6
2030		2.154	2.2	1.325717	1.6
2031		2.199	2.2	1.353557	1.6
2032		2.245	2.2	1.381982	1.6
2033		2.292	2.3	1.411004	1.6
2034		2.498	2.5	1.440635	1.7
2035		2.550	2.6	1.470888	1.7
2036		1.645	1.6	1.501777	1.1
2037		1.679	1.7	1.533314	1.1
2038		0.765	0.8	1.565514	0.5
2039		0.781	0.8	1.598389	0.5
2040		0.798	0.8	1.631956	0.5
2041		0.815	0.8	1.666227	0.5
2042		0.832	0.8	1.701217	0.5
2043		0.850	0.9	1.736943	0.5
2044		0.868	0.9	1.773419	0.5
2045		0.887	0.9	1.810661	0.5
2046		0.906	0.9	1.848684	0.5
2047		0.462	0.5	1.887507	0.2

## Acquired System Annual End-Item Quantities by Appropriation Account

(Aligned to Budget Position: PB 2025)

### Precision Strike Missile

2032A - Missile Procurement, Army				
fiscal year	PrSM			Total
<b>Total</b>	<b>3,986</b>			<b>3,986</b>
Undistributed				-
2018				-
2019				-
2020				-
2021	26			26
2022	54			54
2023	42			42
2024	110			110
2025	210			210
2026	318			318
2027	366			366
2028	368			368
2029	368			368
2030	366			366
2031	400			400
2032	400			400
2033	400			400
2034	400			400
2035	158			158

## Acquired System Annual End-Item Quantities by Appropriation Account

(Aligned to Budget Position: PB 2025)

### Precision Strike Missile

2040A - Research, Development, Test & Eval, Army				
fiscal year	PrSM			Total
<b>Total</b>	<b>35</b>			<b>35</b>
Undistributed				-
2018	2			2
2019	6			6
2020	3			3
2021	-			-
2022	8			8
2023	16			16

## **Nuclear Costs**

### **Precision Strike Missile**

#### **Program's Use of Department of Energy Resources**

No data for 2023 MSAR

## Operational Fielding Plan

### Precision Strike Missile

#### System: PrSM

#### Fielding and Inventory Notes

Missiles delivered three years after contract award. Expenditures represent production verification or Stockpile Reliability Testing.

#### PrSM Fielding Plan and Inventory

fiscal year	Store	Field	Expend/Loss	Decommission	Inventory
2023					
2024		26	2		24
2025		54	2		76
2026		42	2		116
2027		110	2		224
2028		210	8		426
2029		318	8		736

## O&S Independent Cost Estimate

### Precision Strike Missile

#### Independent and Current Cost Estimate Comparison

Category	CY2021 (\$M)	Independent Cost Estimate 9/17/2021	Current Estimate 9/17/2021	Variance with ICE (%)
Unit-Level Manpower		2.3	2.3	0%
Unit Operations			-	-
Maintenance		40.0	40.0	0%
Sustaining Support		108.3	108.3	0%
Continued System Improvements		37.0	37.0	0%
Other		1.1	1.1	0%
<b>Total O&amp;S</b>		<b>188.7</b>	<b>188.7</b>	<b>0%</b>

#### Independent Cost Estimate Source

Event: Milestone B ACP with fact of life changes  
Type: Component Cost Position  
Approved by: Assistant Secretary of the Army (Financial Management and Comptroller),  
September 17, 2021  
Note: Milestone B ACP with fact of life changes. Annual O&S Estimates not available at this time.

#### Current Cost Estimate Source

Type: Component Cost Position  
Approved by: Assistant Secretary of the Army (Financial Management and Comptroller),  
September 17, 2021  
Note: Milestone B ACP with fact of life changes. Annual O&S Estimates not available at this time.

#### Cost Estimate Variance Explanation

N/A

**Annual Operating and Support Estimates by Cost Element****Precision Strike Missile****System: PrSM**

Source for TY-CY Conversion:

Operating and Support Cost Elements							
fiscal year	1.0 Unit-Level Manpower	2.0 Unit Operations	3.0 Maintenance	4.0 Sustaining Support	5.0 Continuing System Improvements	Other	Total CY2021 (\$M)
<b>Total</b>	-	-	-	-	-	-	-