



DEPARTMENT OF THE ARMY
OFFICE OF THE ASSISTANT SECRETARY OF THE ARMY
ACQUISITION LOGISTICS AND TECHNOLOGY
103 ARMY PENTAGON
WASHINGTON, DC 20310-0103

SAAL-ZS

date

MEMORANDUM FOR PROGRAM EXECUTIVE OFFICER MISSILES AND SPACE

SUBJECT: Deep Strike Missile System Milestone A Acquisition Decision Memorandum (ADM)

Purpose: Milestone A approval for the Deep Strike Missile System (DSMS) and authority to enter the Technology Maturation and Risk Reduction (TMRR) Phase. The Project Manager is Colonel Manley Battle, the Program Executive Officer is Brigadier General Reed N. Wright.

Decisions:

- I approve MS A for the DSMS Program and authorize entry into the TMRR Phase. I amend the previously assigned affordability goals to the following:
 - o Average Procurement Unit Acquisition Cost of \$968,000 (Base Year 2024 dollars) at a steady state buy rate of 148 missiles per year.
 - o Average Annual Operating and Support cost of \$7,600 per missile (Base Year 2024 dollars)
- I approve the DSMS TMRR Phase exit criteria listed in Attachment 1.

Tasking/Action Items:

- Fully fund the DSMS TMRR program in the President's Fiscal Year (FY) 2025 Budget Request, to the Director, Cost Assessment and Program Evaluation (CAPE)-approved Independent Cost Estimate (ICE) at Attachment 2.

Discussion:

CAPE estimates foregoing competitive prototyping and a more aggressive development schedule have the potential to save two years of development and \$350 million in development costs. However, since DSMS will need to develop a new warhead and rocket motor with a limited industrial base, I have assessed that the planned TMRR competitive prototyping strategy remains the correct course for this program.

During TMRR, the Program will assess the technology and risks of achieving ranges greater than the current draft Capability Development Document (CDD) threshold range to inform Engineering and Manufacturing Development and the final CDD.

By separate memorandum, I have certified the provisions set forth at section 4251 of Title 10, United States Code.

Points of Contact: MG Gene Poole, Director Combat Systems, COL Cody Fendant, Deputy for Acquisition and Systems Management 703-xxx-xxxx, and LTC Buck Shott, DSMS DASC.

signed

Army Acquisition Executive

Attachments:

As stated

cc:

USD(A&S)

USD(R&E)

ASARC Principals

ASARC Advisors

**Technology Maturation and Risk Reduction Phase Exit Criteria
for the
Long Range Precision Fires**

Event	Deliverable
Demonstrate integration of the missile with the MLRS/HIMARS launcher, successfully receive and program data, and launch short, medium, and long ranges with a warhead event that yields lethality data	Flight demonstration results per approved DSMS Test and Evaluation Master Plan (TEMP)
DSMS prototype indicates, through test and modeling, sufficient performance to meet or exceed range and lethality, threshold Key Performance Parameters while characterizing Insensitive Munition performance.	Rocket Motor Static Test, Warhead Arena Test, Flight Demonstration Results
Conduct modular open systems architecture that supports future technology upgrades by ensuring system growth capability verified against Airframe, Rocket Motor, Payload, Guidance Navigation and Control, and Launch Pod Missile Container Interface Control Documents.	Preliminary Design Review, Allocated Baseline
Complete system level trades, informed by Developmental Test and Evaluation results, identify the appropriate balance between range, effectiveness, and load-out requirements.	Flight Demonstration Results

**Deep Strike Missile System - Army (DSMS-A)
Independent Cost Estimate (ICE) extract**

DSMS Independent Cost Estimate											
(\$ in millions / Then Year)	Prior	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY24-30	To Comp ⁴	Prog Total
RDT&E											
Required ¹ \$		20.5	40.2	90.6	130.8	98.7	135.8	113.2	569.1	431.9	1061.70
PROCUREMENT											
Required ¹ \$		-	-	-	-	-	-	-	-	3,848.5	3,848.5
MILCON											
Required ¹ \$	-	-	-	-	-	-	-	-	-	-	-
SYSTEM O&M²											
Required ¹ \$	-	-	-	-	-	-	-	-	-	342.8	342.8
TOTAL											
Required ¹ \$											
QUANTITIES³											
Required ¹ Qty	0	0	0	0	10	0	0	9	19	2876	2895

Note 1. Requirement Source: CAPE validated Army ICE

Note 2. O&M assumes a missile service life of 10 years

Note 3. Quantities FY25-30 funded with RDT&E. TMRR QTY's = 10. EMD QTY's = 50. Production QTY's = 2400

Note 4. To Complete resources based on Army Long-Range Investments Requirements Analysis - Indirect Fires Portfolio funding