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PROGRAM EXECUTIVE OFFICE MISSILES AND SPACE **PSAR-17**



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Precision Fires Rocket &
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Any Warfighter - Anywhere - All The Time

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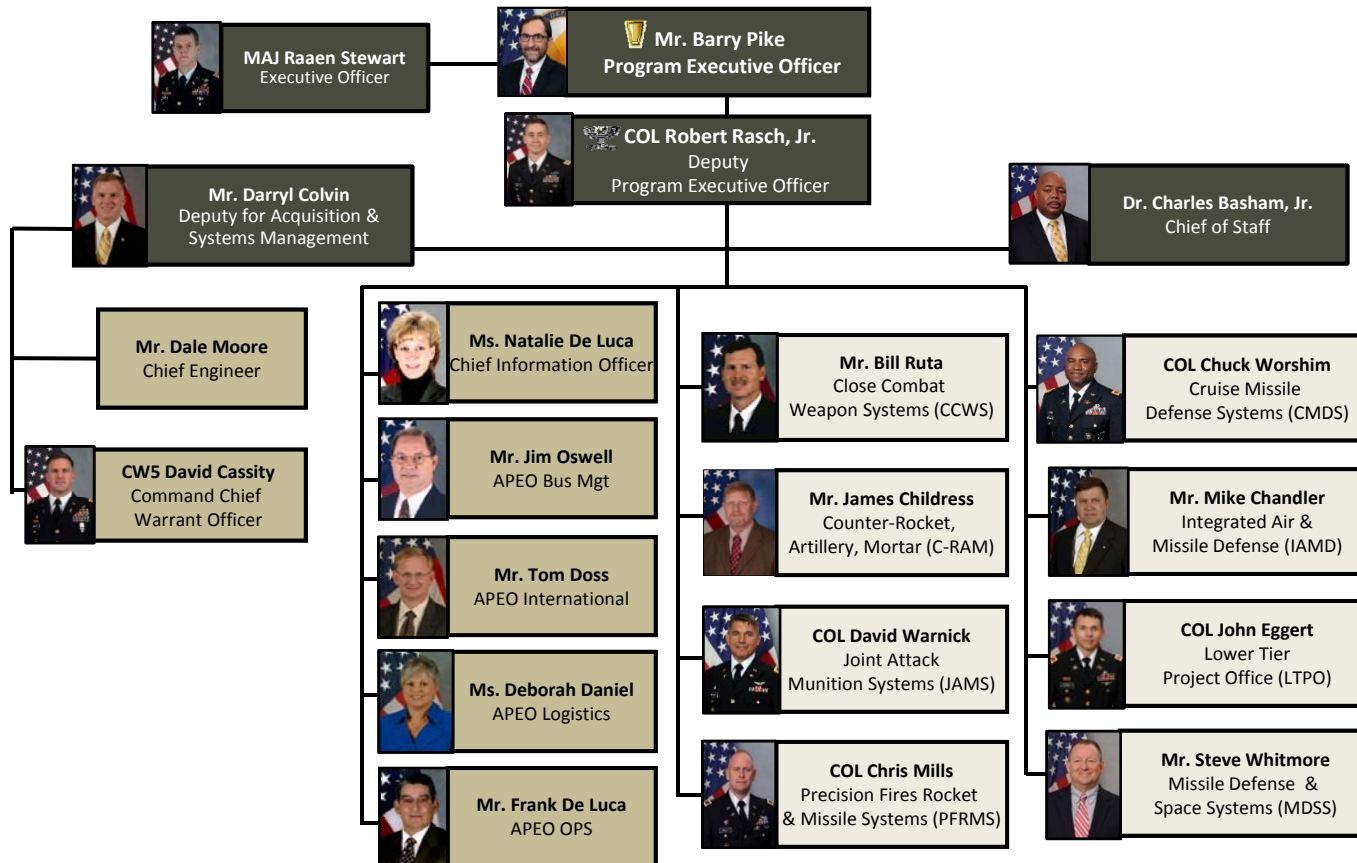
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PEO MS Video



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PEO Missiles and Space Organization



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Program Executive Office Missiles and Space



MISSION

To Develop, Field, and Sustain Missile and Space Systems for the U.S. Army, Joint and Coalition Warfighters that Provide a Decisive Battlefield Advantage

What We Do:

- Centralized Management for All Army Tactical and Air Defense Missile Programs and Selected Army Space Programs
- Full Life-Cycle Management of Assigned Systems
- World Wide Support of Fielded Weapon Systems
- Key Link Between the User and Tech Base

What We Manage:

- Eight Project Offices
- 34 Programs of Record
- 27 ONS/JUONS Approved and in process
- International Cooperative Development Programs

Workforce:
Government ~1100
Support Contractors ~790

FY17 President Budget
~ 4.8B

FMS: Total Case Value \$43.4B,
43 Countries

To Support the Warfighter

VISION

To be a Highly Efficient, Effective, Agile, and Innovative Warfighter - Focused Organization for Developing and Sustaining Missile and Space Systems

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Program Executive Office Missiles and Space Portfolio



	FIRES					MANEUVER	AIR DEFENSE & SPACE
	Cruise Missile Defense Systems (CMDS)	Counter - Rocket, Artillery, Mortar (C-RAM)	Integrated Air & Missile Defense (IAMD)	Lower Tier Project Office (LTPO)	Precision Fires Rocket and Missile Systems (PFRMS)	Close Combat Weapon Systems (CCWS)	Missile Defense & Space Systems (MDSS)
	 <p>IFPC Inc 2-1</p>  <p>NASAMS</p>  <p>Sentinel</p>  <p>STINGER</p>  <p>Avenger</p>	 <p>C-RAM Intercept (LPWS)</p>  <p>RAM Warn</p>  <p>Air and Missile Defense Planning & Control System (AMDPCS)</p>  <p>Forward Area Air Defense Command & Control (FAAD C2)</p>  <p>AN /TPQ-53</p>  <p>AN /TPQ-50</p>  <p>AN /TPQ-37</p>  <p>AN /TPQ-36</p>  <p>Range Radar Replacement Program (RRRP)</p>	 <p>IAMD Battle Command System (IBCS) Engagement Operations Center (EOC)</p>  <p>A /B Plug & Fight Interface Kits</p>  <p>Integrated Fire Control Network (IFCN) Relay</p>	 <p>PATRIOT/ Ground Support Equipment</p>  <p>Lower Tier Air Missile Defense Sensor (LTAMDS)</p>  <p>PATRIOT Advanced Capability (PAC-3)</p>  <p>PAC-3 Missile Segment Enhancement (MSE)</p>	 <p>Guided Multiple Launch Rocket Systems (GMLRS /U /AW)</p>  <p>Army Tactical Missile Systems (ATACMS)</p>  <p>Long Range Precision Fires (LRPF)</p>  <p>High Mobility Artillery Rocket System (M142 HIMARS)</p>  <p>Multiple Launch Rocket System (M270A1 MLRS)</p>	 <p>JAVELIN</p>  <p>Tube-Launched, Optically-Tracked, Wireless-Guided (TOW)</p>  <p>Improved Target Acquisition System (ITAS)</p>  <p>Lethal Miniature Aerial Missile System (LMAMS)</p>  <p>Precision Fires Manager (PFM)</p>  <p>Containerized Weapon System (CWS)</p>	 <p>Joint Tactical Ground Station (JTAGS)</p>  <p>THAAD & AN /TPY-2 Sustainment Management Office (T2SMO)</p>  <p>Space Directorate</p>  <p>SMDC Nanosatellite Project (SNaP-3)</p>  <p>Kestrel Eye (KE) Microsatellite</p>

Lethal Miniature Aerial Missile System

(LMAMS)

PEO MS / PM CCWS

PM: Mr. Bill Ruta



Program Description

ic, man-portable, direct-fire, precision-
d, loitering aerial missile system
le of engaging exposed enemy personnel
therwise cannot be engaged by typical direct
eapon systems
nt candidate solution: Switchblade
Contractor: AeroVironment, Simi Valley, CA



Recent Milestones or Events

- JUONS CC-0556 Funding Received – 14 Sep 2016
- LMAMS CDD Completed DA AROC Staffing
 - Comment Adjudication In Process
- JUONS CC-0556 All Up Round Lot Acceptance Testing Successfully Completed All 5 Lots – 21 March 2017
- JUONS AC-0008 and JUONS CC-0556 Phase 2 Funding Approved
- ONS 16-21584 Funding Request Submitted

Near Term Milestones or Events

- Preparing Contract Actions to Procure Remaining JUONS/ONS Requirements and Sustain Current Capability
- Compete JUONS CC-0556 Phase 2 Requirement in FY17/18 Using Defense Ordnance Technology Consortium (DOTC) Contract Vehicle
- CDD Comment Adjudication and Submission to 3-Star Staffing

Guided Multiple Launch Rocket System

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Program Description

MLRS variants, differentiated by warhead
RS Dual Purpose Improved Conventional Munition
(CM) no longer in production but in the inventory
RS Unitary in Full Rate Production (FRP)
RS AW in FRP
Compatibility: M270A1 and HIMARS
Contractor:
Lockheed Martin, Dallas TX & Camden AR

and AW Rockets are 90% common

Warhead

range: 70+ km
Positively formed steel case fragments
Multiple fuzing options
Precision strike with low collateral damage

Live Warhead

range: 70+ km
Formed penetrators
Insensitive munitions design (blow-out venting)
and imprecisely located targets

DPICM

range: 70+ km
Head contains 404 submunitions

Recent Milestones or Events

- Sep 16: AW Initial Operational Capability (IOC) deliveries complete
- Nov 16: AW Full Material Release (FMR)
- Nov 16: AW live fire demo
- Jan 17: First use of AW in combat

Near Term Milestones or Events

- FY18: Insensitive Munitions Propulsion System (IMPS) FRP cut-in



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Army Tactical Missile System (ATACMS) SLEP



Program Description

resets the 10-year shelf life of expired
MS Block I missiles
es existing M74 bomblets with a DoD Cluster
on policy-compliant unitary warhead
hes propellant and electronics
n maximum range with 500 lb class warhead
her Compatibility: M270A1 and HIMARS
contractor: Lockheed Martin, Dallas TX and
en AR

Recent Milestones or Events

- Jan 17: SLEP critical design review (CDR)
- Jan 17: Missile software flight qualification test (FQT)
- Feb 17: Flight Test #4 (Final production qualification test (PQT) missile)
- Mar 17: SLEP Production Decision Acquisition Decision Memorandum (ADM) and Acquisition Program Baseline (APB) signed by PEO M&S

Near Term Milestones or Events

- Apr 17: Flight Test #5



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PFRMS Video



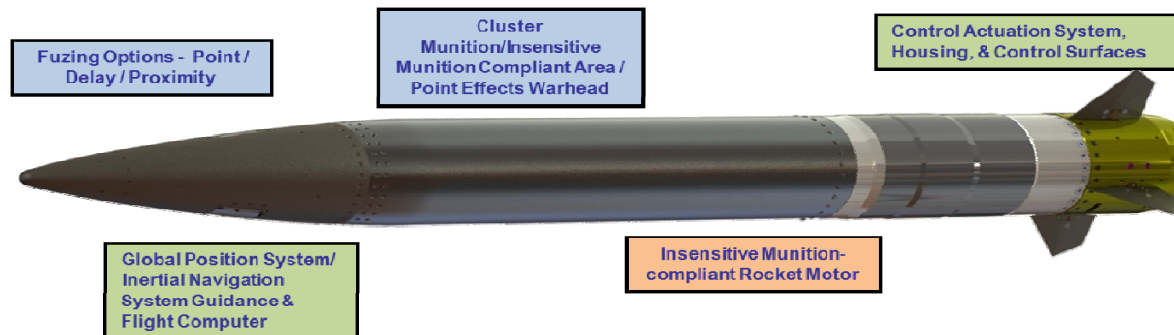
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LRPF Increment 1 Program Overview



- **LRPF Increment 1 Description**
 - 400+ km ballistic missile including a cluster munition compliant payload
 - Attack critical and time sensitive area and point targets including threat air defense, missile launchers, and assembly/staging areas
 - Maintain or improve accuracy in partial GPS-denied environments; plan for M-Code GPS integration
 - Insensitive Munition (IM) compliant system required
 - Launcher Compatibility: M270A1 and HIMARS
 - Technology upgrades via Open Systems Architecture
 - Growth capabilities for follow-on increments
 - Threats addressed in CIO G6 approved Cyber Security Strategy
- **ACAT Level:** MDAP ACAT 1D
- **Milestone A:** 24 March 2017

LRPF Missile - Technical Challenges



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Questions

