



2025 Munitions Executive Summit PM Acquisition Panel

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Who Are We?



ON **EVERY**
MISSION

- **Manage 44% of the Army's conventional munition lethality**
- **457 products: 384 Class V, 59 Class VII & 14 RDT&E**
- **Average 190+ Contracting Actions/Year**
- **Longest Chartered PM office in the US Army, 1961 "PM-Selected Ammunition"**



Mission

Provide dominant and innovative lethal and protective capabilities for the Joint Warfighter through acquisition excellence

Vision

Skilled innovative team, empowered to deliver dominating close combat capabilities



Project Manager
COL Vinson Morris



Deputy Project Manager
Joe Pelino

Provide dominant and innovative lethal & protective capabilities for the Joint Warfighter through Acquisition excellence

ON EVERY MISSION



Business Division Manager
Anita Polesky



Chief, Product Support
Jamie Kiessling



Director, Program Integration & International Division
Michael O'Grady



Chief, Systems Engineer
Snehali Patel

Product Director
Combat Armaments & Protection Systems



Product Director
Stephan McFarlane



Deputy PD
Brian Gruchacz

Product Director
Demolitions & Countermeasures



Product Director
Michael Burke



Deputy PD
Jeremy Lucid

Product Director
Demilitarization



Product Director
James Terhune

Deputy PL
VACANT

Product Manager
Terrain Shaping Obstacles



Product Manager
Tinesha Nicholas



Deputy PdM
Chris Ayoub

Protection Systems



AN/PS-14C Hand Held Mine Detector



Solid State - Active Denial Technology



Launched Electrode Stun Device

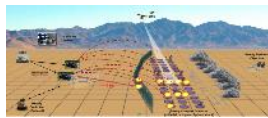


Acoustic Hailing Device

Breaching Systems



MK 7 Anti-Personnel Obstacle Breaching (APOBS)



XM123 Ground Obstacle Breaching Lane Neutralization (GOBLN)



M58 Mine Clearing Line Charge (MCLIC)

Pyrotechnics



Ammunition Simulators for Training



Signals

Grenades



M67 Fragmentation Hand Grenade



M111 Offensive Hand Grenade



M228 Practice Fuze



Smoke Grenades



M106 Bursting Obscuration Hand Grenade

Demolitions



Selectable Lightweight Attack Munition (SLAM)



M18A1 Claymore



M152 RF-Remote Activation System



M2A4 and M3A1 Shaped Charge



Sheet Explosive



Det Cord



C-4 Block

Explosive Ordnance Disposal (EOD)

EOD Response Kit (ERK)



Hook and Line Kit



Tool Kit, Supplemental (Platoon Supplemental Kit)



Enhanced Robotic Payloads - Render Safe (ERP-RS)



EOD Tool & Equipment Kit (ETEK)



Demil



Munitions Cryofracture Demil Facility (MCDF)

Countermeasures



Countermeasure Flares

CAD/PAD



Army Aviation CAD/PAD

sUAS



Shoulder Launched Munitions



Multipurpose Anti-Armor Anti Personnel Weapon System (MAAWS) High Explosive (HE) 441E



AT4 Confined Space Reduced Sensitivity (AT4CS RS)



XM919 Individual Assault Munition

Terrain Shaping Obstacles



XM204 Interim Top Attack



Close Terrain Shaping Obstacles (CTSO)



XM343 Standoff Activated Volcano Obstacle (SAVO)



XM250 Top Attack (CTSO INC 1)

Bombs



General Purpose Bombs



Penetrator Bombs



Bomb Components



BLU-137 2000 lb. Next Gen. Penetrator Bomb



Small Practice Bombs & Signal Cartridges



Cast Ductile Iron Bombs



BLU-129



Bomb Fins

Sector Scorecard: FY25 – 30 Outlook



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SECTOR	ARMY	MC/AF/N/S	FMS	NOTES
Terrain Shaping	➡	N/A	⬆	Shifting away from current solution, XM250 Strong international European and Indo-PACOM interest
Breaching Systems	➡	➡	⬆	XM123 GOBLN supported, but funded deliberately Must modernize Mine Clearing Line Charge
Shoulder Launched Systems	➡	➡	➡	XM919 continues Support to partner nations in Indo-PACOM
Grenades: Hand Thrown & Vehicle Launched	➡	➡	➡	Multispectral obscuration & screening – hand, vehicle launched FMS of Abrams tanks = increased need for obscuration grenades
Ground Penetrating & General-Purpose Bombs	N/A	➡	➡	Steady year to year, some discussion on deferring near-term for outyear
Demolitions	➡	➡	➡	Demolitions Reformation Focus on extreme cold operation & reducing blast over-pressure
Demilitarization of Conventional Munitions	⬆	⬆	N/A	Maximize use of the capacity of the organic & commercial IB As of 08 Mar 25, stockpile stands at 307,100 Short Tons
Pyrotechnics (Aviation CMs, Signals, Simulators)	➡	➡	➡	Seeking to develop CTC battlefield effects simulators Threats are significant, inter'l demand exists for CM flares & decoys
Explosive Ordnance Disposal	➡	N/A	N/A	Robotic platform payloads Need for a UAS asset to enable remote ISR and clearing
Protection Sys / Intermediate Force Capabilities	⬇	N/A	⬇	Looking at directed energy Sustainable robotic platform protection

FY25-FY27 Competitive Opportunities: New Contracts



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NEW FAR BASED CONTRACTS					
Program/ Item/ Description	Budget (\$M)	Planned Strategy	Contract Type	Award Date	Industry Day Y/N
Volcano (VLSAS) - Lithuania FMS Case	\$14.72	S	FFP	Mar 2025	No
M18 Smoke Dyes	\$1.70	S	FFP	Mar 2025	No
Family of Hand Held Signals	\$10.28	SBSA	FFP	Aug 2025	No
Demolition Block ¼, ½, 1 TNT	\$6.84	SBSA	FFP	Aug 2025	No
M206 AC CM Flare - L410	TBD	C	FFP	Oct 2026	No
BLU-136/B Bomb Assembly	\$677	C	FFP	Mar 2026	No
Conventional Ammo Demil	TBD	C	FFP	Jul 2026	Yes – June 2025
Grenade Consolidation Contract	\$15.00	C	FFP	Aug 2026	Yes
Bangalore Torpedo	\$3.00	S	FFP	Aug 2026	No
Family of Shaped Charges	\$2.40	TBD	FFP	Aug 2026	No
MK7 Anti-Personnel Obstacle Breaching System (APOBS)	TBD	C	FFP	Nov 2026	No
Family of Extrudable C4 (MICLIC, M112)	TBD	C	FFP	Nov 2026	No
MDI Spool & Non-Spool (M11/M14/M652/M19/21)	TBD	TBD	FFP	May 2027	No
TNT: Type I Flake	TBD	TBD	FFP	Jun 2027	No
Small Practice Bombs: MK76 and BSU-33	TBD	TBD	FFP	Oct 2027	No
MK4-3 Signal Cartridge (hot/flame)	TBD	TBD	FFP	Nov 2027	No

Contract Strategy:

- S – Sole Source
- C- Competitive
- SBSA – Small Bus Set-Aside
- OTA – Other Transaction Agreement

FY25-FY27 Competitive Opportunities: Delivery Orders / Options



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DELIVERY ORDERS/OPTIONS					
Program/ Item/ Description	Budget	Contract Ceiling	Delivery Order/Year	Award Date	Prime Industry Partner
M456 Type 1 Det Cord	\$7.81	\$46M	Year 3 of 5	Mar 2025	Ensign Bickford
M72 Lightweight Assault Munition (LAW)	\$8.18	\$498M	Year 3 of 5	Mar 2025	Nammo Defense
M6-M7 Electric Blasting Cap	\$1.50	\$49M	Year 1 of 5	Mar 2025	Stresau
SAVO	\$10.10	\$92M	Year 2 of 5	Mar 2025	Northrop Grumman
MK7 Anti-Personnel Obstacle Breaching System (APOBS)	\$11.75	\$319M	Year 5 of 5	May 2025	Nammo Perry & Ensign Bickford
Battlefield Effects Simulators (BES)/Special Use Ammunition (SUA)	\$3.00	\$49M	Year 2 of 5	Aug 2025	Ultra Defense Corp (UDC)

FY25-FY27 Competitive Opportunities: Other Transactions Agreement



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OTHER TRANSACTIONS AGREEMENT (OTA)					
Program/ Item/ Description	Budget (\$M)	Planned Strategy	Contract Type	Award Date	Industry Day Y/N
XM123 Ground Obstacle Breaching Lane Neutralizer (GOBLN)	\$4.00	C	TBD	Aug 2025	Yes

Contract Strategy:

S – Sole Source

C- Competitive

SBSA - Small Bus Set-Aside

OTA – Other Transaction Agreement

Near Term Sources Sought Notice & Upcoming Industry Days



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OPEN AND NEAR-TERM SOURCES SOUGHT NOTICES			
Program/ Item/ Description	Planned Strategy	Contract Type	Estimated Release
XM123 Ground Obstacle Breaching Lane Neutralizer GLOBLN	C	FFP	Feb 2025
MK7 Anti-Personnel Obstacle Breaching System (APOBS)	C	FFP	Feb 2025
Family of Shaped Charges	C	FFP	Mar 2025
Conventional Ammo Demil	TBD	FFP	Mar 2025
TNT: Type I Flake	TBD	FFP	Mar 2025
Grenades	C	FFP	Mar 2025
Grenade Fuzes	C	FFP	Mar 2025
Demolition Block 1/4lb, 1/2lb, 1lb TNT	SBSA	FFP	Mar 2025
M72 LAW	S	FFP	Mar 2025
Volcano Class VII Equipment	C	FFP	Mar 2025
Small Practice Bombs: MK76 and BSU-33	TBD	FFP	April 2025
MK4-3 Signal Cartridge (hot/flame)	TBD	FFP	April 2025

Contract Strategy:
S – Sole Source
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SBSA - Small Bus Set-Aside

- **Demolitions - XM123 GOBLN Industry Day 4-5 March, Mount Arlington, NJ**
- **Demil - Conventional Ammunition 2026-30 Industry Day 03 June 2025 Parsippany, NJ**
- **Terrain Shaping - 3/4Q FY25 (T)**
- **UAS Payload/Picatiny CLIK Industry Day – 4Q 2025 (T)**
- **Grenades and/or Grenade Fuzes Industry Day – End of July 2025 (T)**

Thrust Areas



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**Comparison of
time to pack:
PAX 52 M112 Block
versus M112 (C4)**

This video has been public released, PAO#284-24

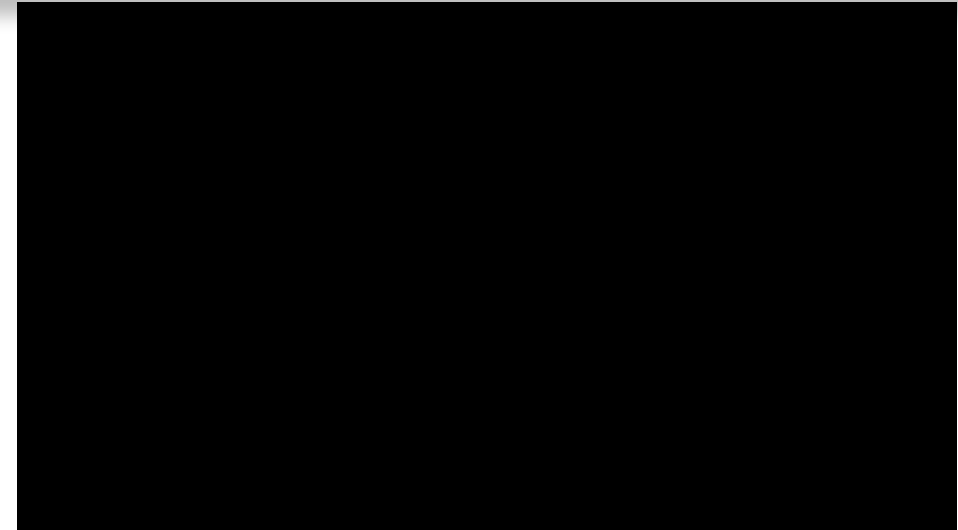
**Demolitions Reformation: PAX 52 as a
more moldable explosive...**



DISTRIBUTION STATEMENT A. Approved for public release: distribution unlimited. PAO# 606-24

Lethal & Protective Payloads from sUAS: Dropping Grenades

DISTRIBUTION STATEMENT A. Approved for public release: distribution unlimited. PAO #



**Terrain Shaping: Worldwide demand for terrain
shaping capabilities...**



**Breaching Minefields: Worldwide demand for terrain
shaping capabilities...**

Small UAS Dropped Lethal & Protective Payloads



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Small UAS (sUAS) Payload Requirements:

- J-sUAS CDD (2023): sUAS capability at echelon (Squad to BN)
- EOD Tools & Equipment Kit CPD (2018): sUAS employed Energetic Hazard (EH) render-safe
- XM123 GOBLN A-CDD (2022): sUAS employed precision EH neutralization

Lethal & Protective Payloads:

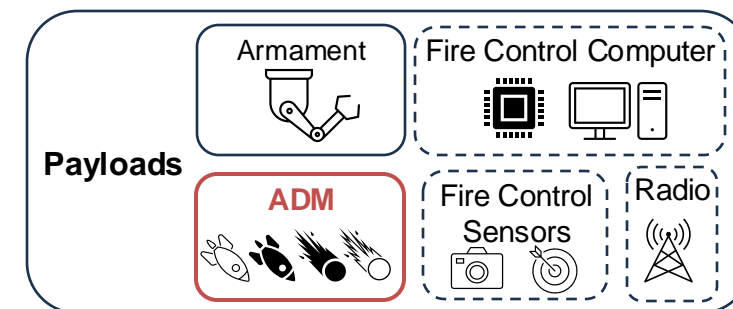
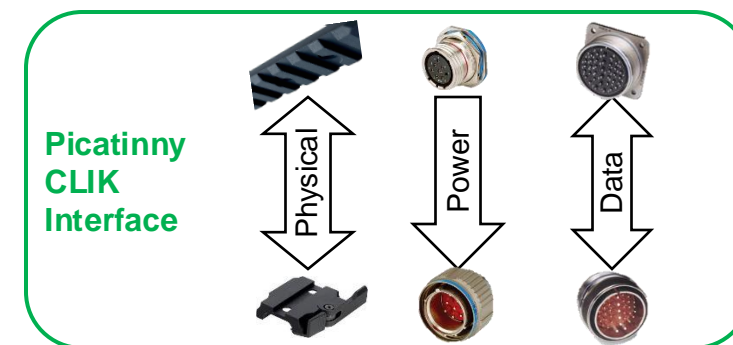
- **Picatinny CLIK:** Defined interface standards for modular integration of JPEO A&A lethal & protective payloads with PM UAS PORs
 - Enables rapid payload integration across sUAS without vendor lock
 - Reduces logistical, training, & financial burden through commonality
- **Air Delivered Munitions (ADM):** Applicable munition payloads as modular mission payloads via Picatinny CLIK
 - Phase 1 (FY26+): Modified legacy & industry drop glide munitions
 - Phase 2 (FY28+): Purpose-built scalable munition

Recent Activities:

- HASC Report on droppable munitions feasibility
- Draft Transition Agreements (TA) with DEVCOM AC
- Draft MOA with PM UAS
- FY25 Defense Appropriation Language for ~\$8M

Path Forward:

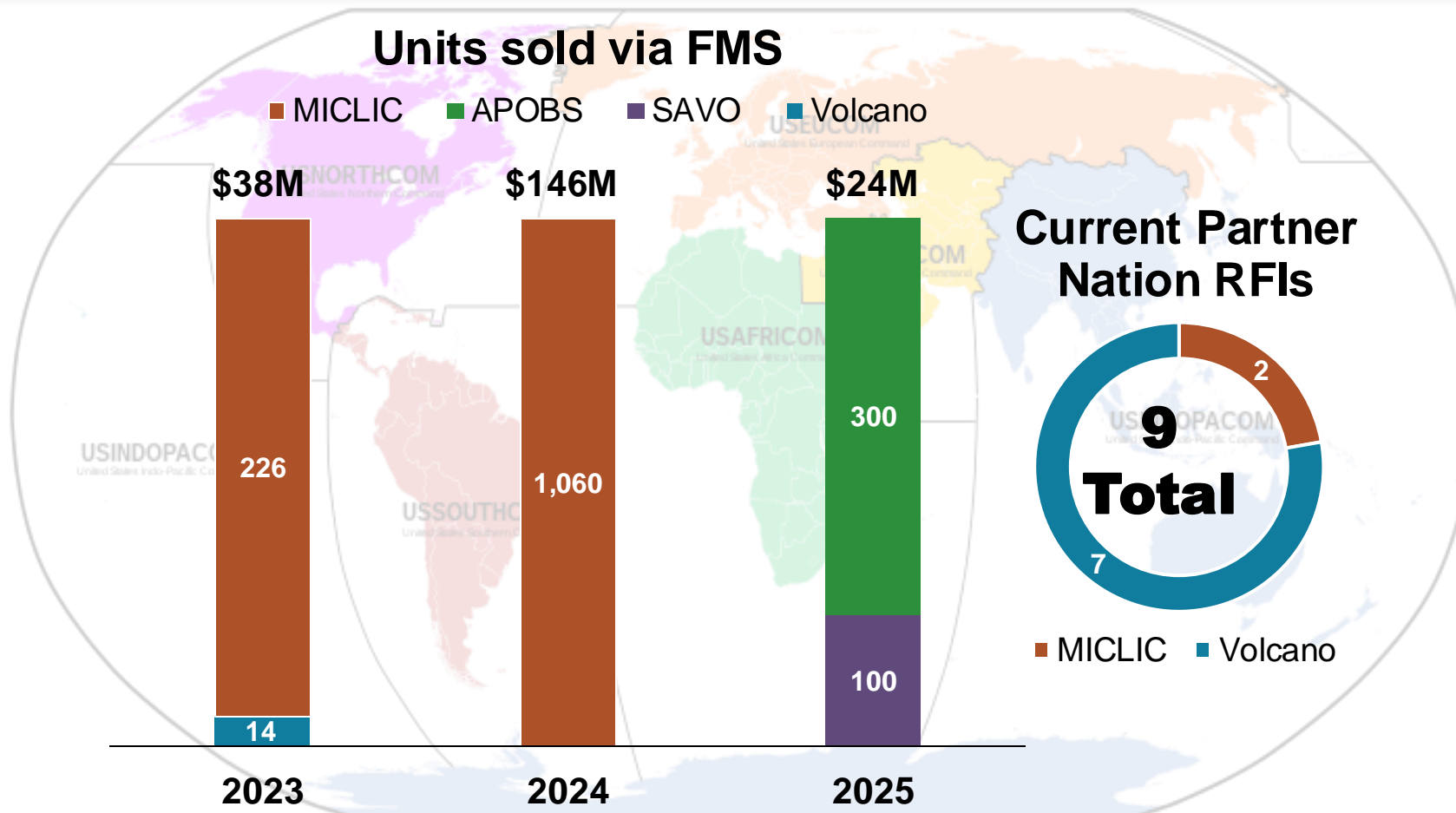
- 2QFY25: HQDA G8/DASA PPR Funding & POM27 meeting
- 2QFY25: Signed MOA with PM UAS
- 3QFY25: Signed TAs with DEVCOM AC & PM UAS
- 4QFY25: Industry Day Picatinny CLIK + Payloads
- 4QFY25: UAS Summit #8 Picatinny CLIK Experiment



Security Assistance for Mobility & Counter Mobility



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Demonstration of M58 Mine Clearing Line Charge (MICLIC)



Geopolitical events of the last 3 years have driven partner nations to consider terrain shaping and breaching for first time in decades

Closing Message



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- **Readiness & Delivery of Improved Capabilities in Support to the Joint Warfighter**
- **Emerging areas: small UAS Dropped Payloads, Active Protection System Munitions**
- **Increase International Program Participation**
- **Modernization**
 - Demolitions Reformation
 - Terrain Shaping
 - Large-scale Breaching
 - Demilitarization
- **Sustain Technological Superiority through a Quality Workforce & Innovation**
- **Enhance Industry - Government Partnership**

