



2025 NDIA

Munitions Executive Summit

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PM MAS**

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PM MAS Organization



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 SMALL CALIBER MAJ FAITH MUELLER	 SMALL CALIBER MAJ JOHN KIRVEN	 MEDIUM CALIBER MAJ ANDREW DURFEE
 MEDIUM CALIBER MAJ KENNETH WELCH	 LARGE CALIBER MAJ NICHOLAS CORBY	 LARGE CALIBER MAJ BART SCOCCO



PRODUCT MANAGER
SMALL CALIBER
Mr. M. David Ahmad



PRODUCT MANAGER
MEDIUM CALIBER
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PRODUCT MANAGER
LARGE CALIBER
Mr. Matthew Nestor



PRODUCT LEAD
SPECIAL AMMO &
WEAPON SYSTEMS (SAWS)
LTC James E. Word



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CHIEF ENGINEER
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INTEGRATION (SETI)
Mr. Dan Flynn



DEPUTY PRODUCT MANAGER
Ms. Laura Emanski



DEPUTY PRODUCT MANAGER
Ms. Kaitlyn Tani



DEPUTY PRODUCT MANAGER
Mr. Reinaldo Martinez



DEPUTY PRODUCT LEAD
Mr. Frederick Willecke



Family of Products

PM MAS develops, equips and sustains integrated lethal direct fire ammunition effects to enable joint and Allied warfighters overmatch in the battlefield

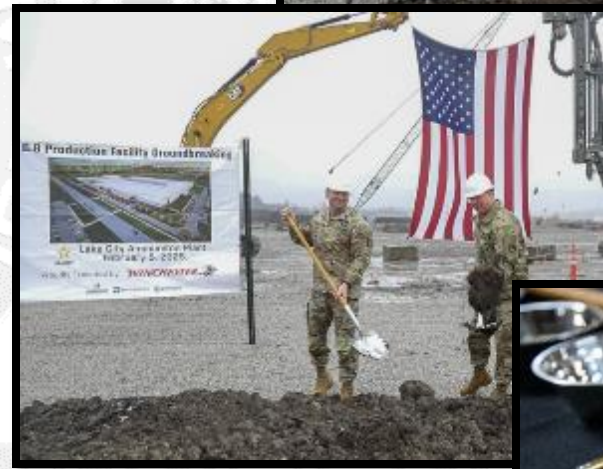
557 PM-MAS Products Under Mgmt.



Non NATO Munitions, Soviet Calibers



6.8mm Groundbreaking



Groundbreaking for First New Small Caliber Ammunition Production Facility within the organic industrial base since WWII



6.8mm Interim Capability Equipping



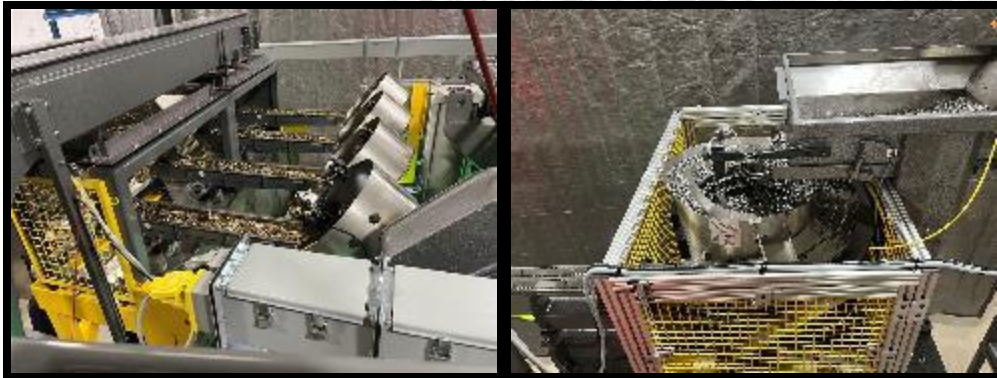
Cartridge Case Assembly & Component Feeders



Cartridge Case Priming



Component Cold Heading



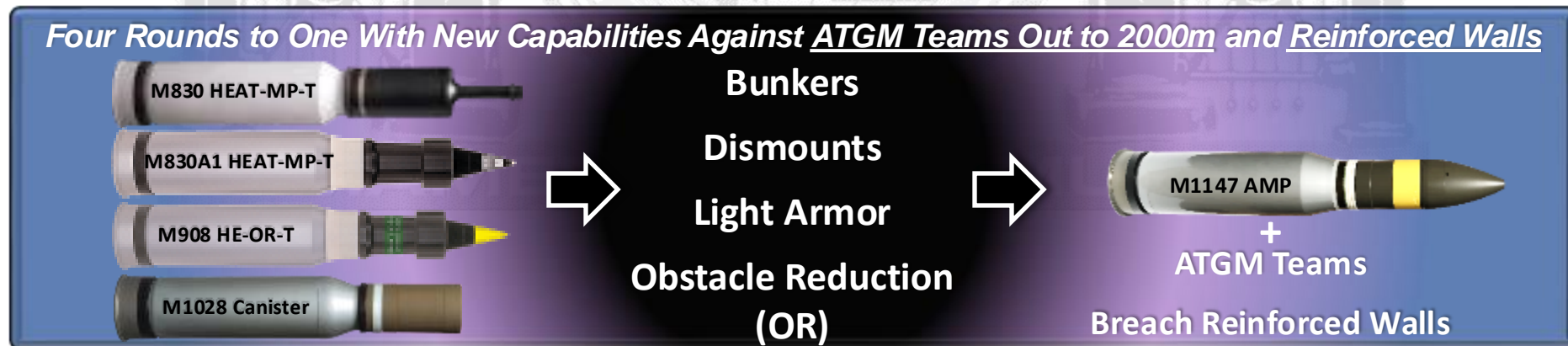
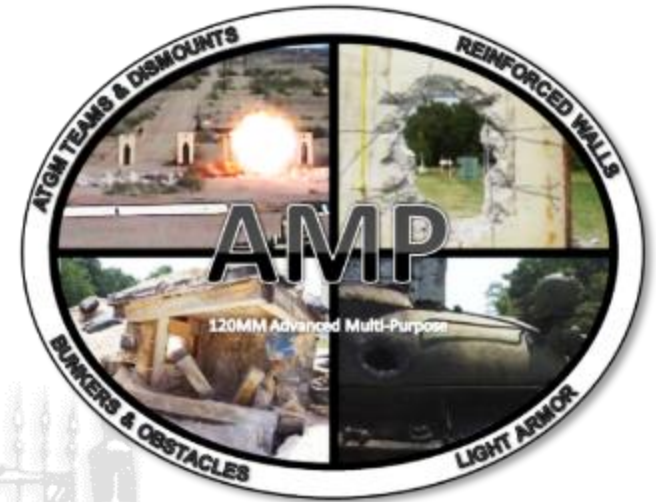
Projectile Cannelure Cutting

Lake City Army Ammunition Plant poised to begin production & delivery of 6.8mm cartridges in FY25 utilizing both new equipment and repurposed legacy equipment



Advanced Multi-Purpose (AMP) Full Rate Production (FRP)

- Approved by JPEO A&A on 20 Dec 24
- In addition to reduce logistic burden, provides Abrams crew new capabilities against ATGM teams out to 2km and Double Reinforced Concrete Walls (DRCW) breach
- Underscores the Army's ongoing overmatched lethality commitment to Soldiers and International Partners
- Significant Industry opportunity to support FMS orders





120mm, M829A4 Armor Piercing, Fin Stabilized Discarding Sabot with Tracer (APFSDS-T)

- 5th generation 120mm Kinetic Energy (KE) Armor Piercing Fin Stabilized Discarding Sabot with Tracer (APFSDS-T) Cartridge
- Utilizes Depleted Uranium (DU) penetrator to defeat current and future enemy Main Battle Tanks (MBTs)
- Integration of leap ahead technologies
 - Utilizes Surface-Coated Double Base (SCDB) propellant for temperature insensitivity
 - Advanced penetrator design
- New PY6 Firm Fixed Price (FFP) contract being planned for award in Apr 2025 and will cover FY25-28



	FY23				FY24				FY25				FY26				FY27				FY28				FY29				FY30							
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q				
PHASE	Production & Deployment																																			
CONTRACTS	PY6+ RFP								PY6 Award				PY7 Award				PY8 Award				PY9 Award				PY11+ RFP				PY10 Award				PY11+ Award			



Perpetua Gold Mine – Antimony Sulfide

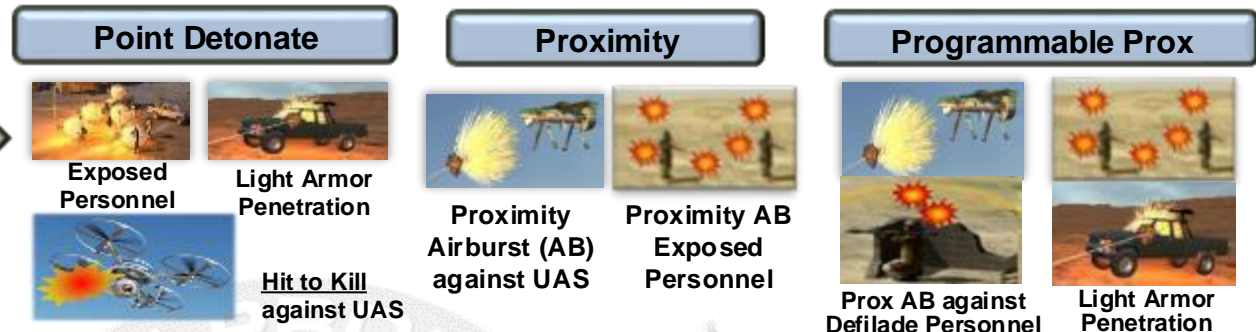
- Stibnite Gold Project seeks to restart mining operations in Stibnite, ID
- Mine will also produce Antimony Sulfide, a critical material in ammunition production
 - Effort represents nearest-term solution for secure, reliable domestic source of Antimony Sulfide
- **STATUS:** Final Record of Decision received JAN 2025
 - Key milestone towards eventual start of mine construction
- PM MAS developing process to refine raw antimony ore into military-grade material for ammunition production





C-UAS at the Tactical Edge with Prox

Fuze Capability and Targets



Caliber	Platforms	Point Detonate	Proximity	Programmable Prox
30x113mm	M-SHORAD, M-LIDS, AH-64E	XM1198 HEDP, M789 HEDP	XM1211 HEP, XM1225 APEX	XM1223 MMPA
25x137mm	M2A4 BFV & Mk38	M792 HEI-T	XM1228 BADGER	Programmable Proximity
30x173mm	Stryker XM813 & Mk44	Mk 238 HEI-T, XM1182 HEAB-T	HEP-T	Programmable Proximity
HV 40mm	MK 19, CROWS	M430 HEDP		Small unit Mobile Attack & Counter Drone (SMACD)



Medium Caliber Family Buy Industry Day

- Tentatively planning for 28-29 May 2025
- Intent:
 - Help inform the next Medium Caliber Ammunition Acquisition Strategy
 - Assess current and potential medium caliber Industry partners
 - Provide Industry with product type information to inform future
- Medium Caliber Family Buy 1-3 has restricted competition
 - Results in single source of supply for multiple ammunition types
 - Strategy currently being updated to incentivize cost, performance, and industrial base
- Potential outcomes:
 - New contractual structure
 - Multiple contracts (caliber specific or functionality vs. requirement to produce all)
 - Small Business Set Aside
 - Expanded Industrial Base
 - Increased competition to drive down risk



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Questions?

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