



UNCLASSIFIED

Joint Program Executive Office Armaments & Ammunition



Munitions Executive Summit Acquisition Panel

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Joint Program Executive Office Armaments & Ammunition



COL Leon Rogers

Project Manager Combat Ammunition Systems Indirect Fire Munitions and Mortar Weapon Systems

- Long Range Precision Fires
- Cannon Delivered Area Effects Munitions
- Mortar Weapon Systems



COL Russell Hoff

Project Manager Close Combat Systems Terrain Shaping Obstacles, Close Combat Munitions, Protection and Support Systems

- Interim Top Attack Munition
- Individual Shoulder Launched Munition
- Countermeasure Flares/Decoys



COL Paul Alessio

Project Manager Maneuver Ammunition Systems

- ### Direct Fire Munitions
- Small, Medium and Large Caliber
 - Special Ammo & Weapon Systems



COL Jason Bohannon

Acting Project Director Joint Services

- Ammunition Industrial Base
- SMCA Integration
- Demilitarization
- Technology and Prototyping



JPEO A&A
BG John Reim



Acting DJPEO A&A
Mr. Matthew Zimmerman



APEO International
Mr. Thomas Coradeschi



Dir Talent Management
Mr. Keith Gooding



Mr. Ben Harris

Chief of Staff

- Human Resources
- Security / Foreign Disclosure
- Acquisition Processes
- Audit Readiness
- Business Management
- Information Technology



Mr. Chris Hatch

Acting Program Manager Towed Artillery Systems

Joint Artillery & Survey

- M777A2 Lightweight 155mm Howitzer
- M119A3 105mm Howitzer
- Survey Systems
- Next Generation Howitzer



CAPT Brian Schorn USN

Project Director Joint Bombs

- Air Force and Navy Bombs
- Navy Deck Gun Ammo
- Energetics / Cartridge Actuated Device / Propellant Actuated Device



Mr. Eugene Conner

Director for Integration

- Science and Technology
- Systems Integration
- Architectures and Standards
- Ammunition Logistics R&D

Mission:
Develop, procure and field lethal armaments and ammunition providing Joint Warfighters and Allied Partners overmatch capabilities.

US Army
 US Navy

Total Core Personnel: ~320
Average Age: 46



Single Manager for Conventional Ammunition (SMCA)

Est. 1977



**SMCA / Section 806
Delegation, Sep 2018**

SMCA Objective:

- Achieve the highest possible degree of effectiveness and efficiency in the DoD operations required to acquire conventional ammunition and integrate logistics functions for U.S. Forces**

SMCA Charter:

- 21 May 2015 – USD(AT&L) & Sec Army**

DoDI 5160.68 (dated March 2022)
SMCA: Responsibilities of the SMCA and Military Services

- Annually identify and prioritize production base deficiencies and formulate corrective actions to mitigate those deficiencies.
- Execute the direct appropriations for the Production Base Support program for munitions
 - Provision of Industrial Facilities (PIF), Layaway of Industrial Facilities (LIF), Maintenance of Inactive Facilities (MIF), Armament Retooling & Manufacturing Support (ARMS)
 - Procurement of Ammunition, Army (PAA)

- Defines SMCA and Service Responsibilities across the SMCA Mission Functions:
 - RDT&E (Transition in time for first FRP contract)
 - Acquisition
 - Production Base**
 - Supply
 - Maintenance
 - Demilitarization
 - Technical Data & Configuration Management
 - Transportation & Handling
 - Safety
 - Security
 - Financial Mgt & PPBE
 - Implementing Regulations
 - Personnel & Training
 - Quality Assurance
 - Security Assistance

AR700-90, Army Industrial Base Process, Jan 2020



JOINT CONVENTIONAL AMMUNITION POLICIES AND PROCEDURES (JCAPPs)



JOCG Principals



BG Reim
CG JPEO A&A
(JOCG Co-Chair)



COL Maddox
CG Joint Munitions Command
(JOCG Co-Chair)



BGen Walsh
CG Marine Corps
Systems Command



RDML Tedford
PEO for Unmanned Aviation
and Strike Weapons



Brig Gen Bartolomei
AFPEO for Weapons and
Director, Armament Directorate



Mr. Innes
Deputy Director for Special
Operations Forces Acquisition,
Technology and Logistics

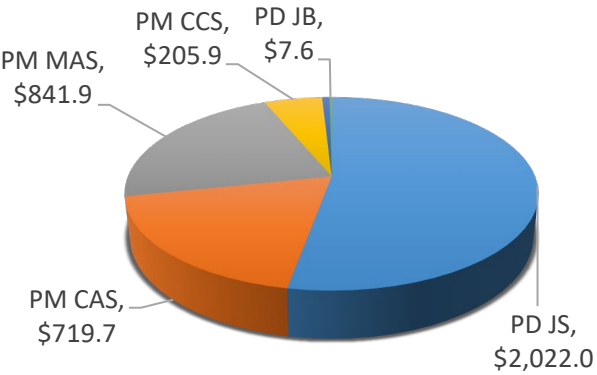


Mr. White
Director for Production, Deployment
and Fleet Readiness Naval Sea
Systems Command

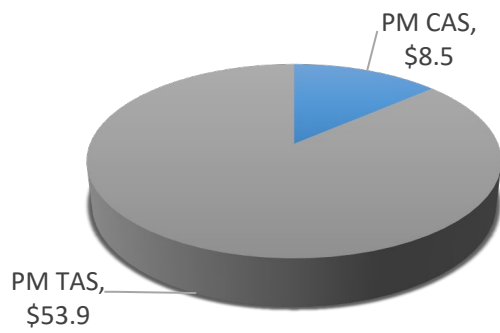
JPEO Armaments & Ammunition FY23 Appropriation & Supplementals



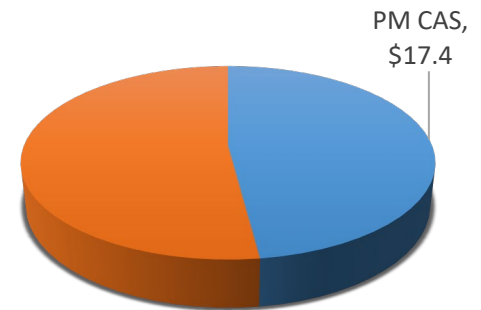
PAA \$3,823.5M



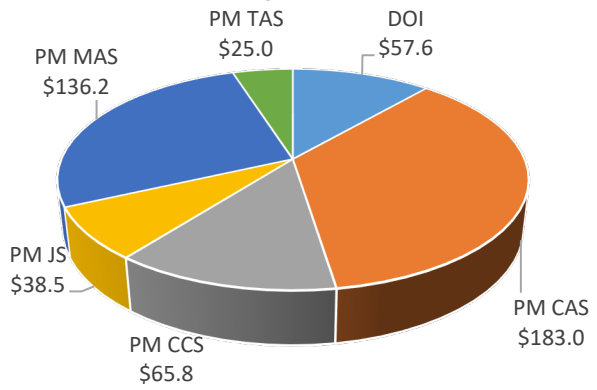
WTCV \$62.5M



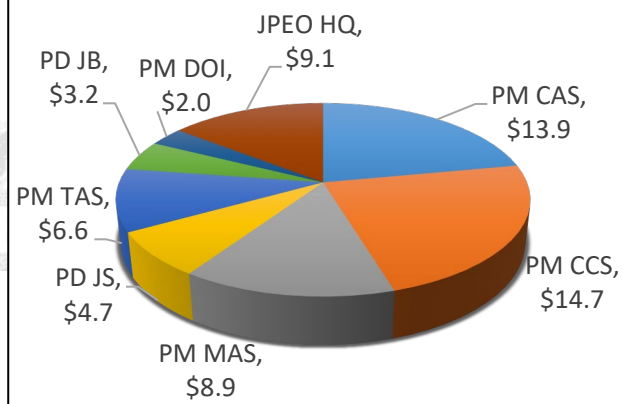
OPA \$32.4M



RDTE \$506.3M

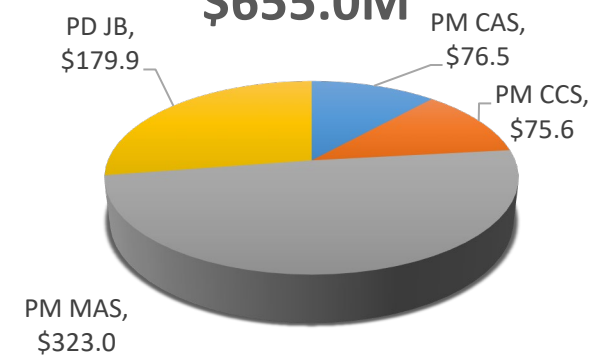


OMA \$63.1M



Other Services

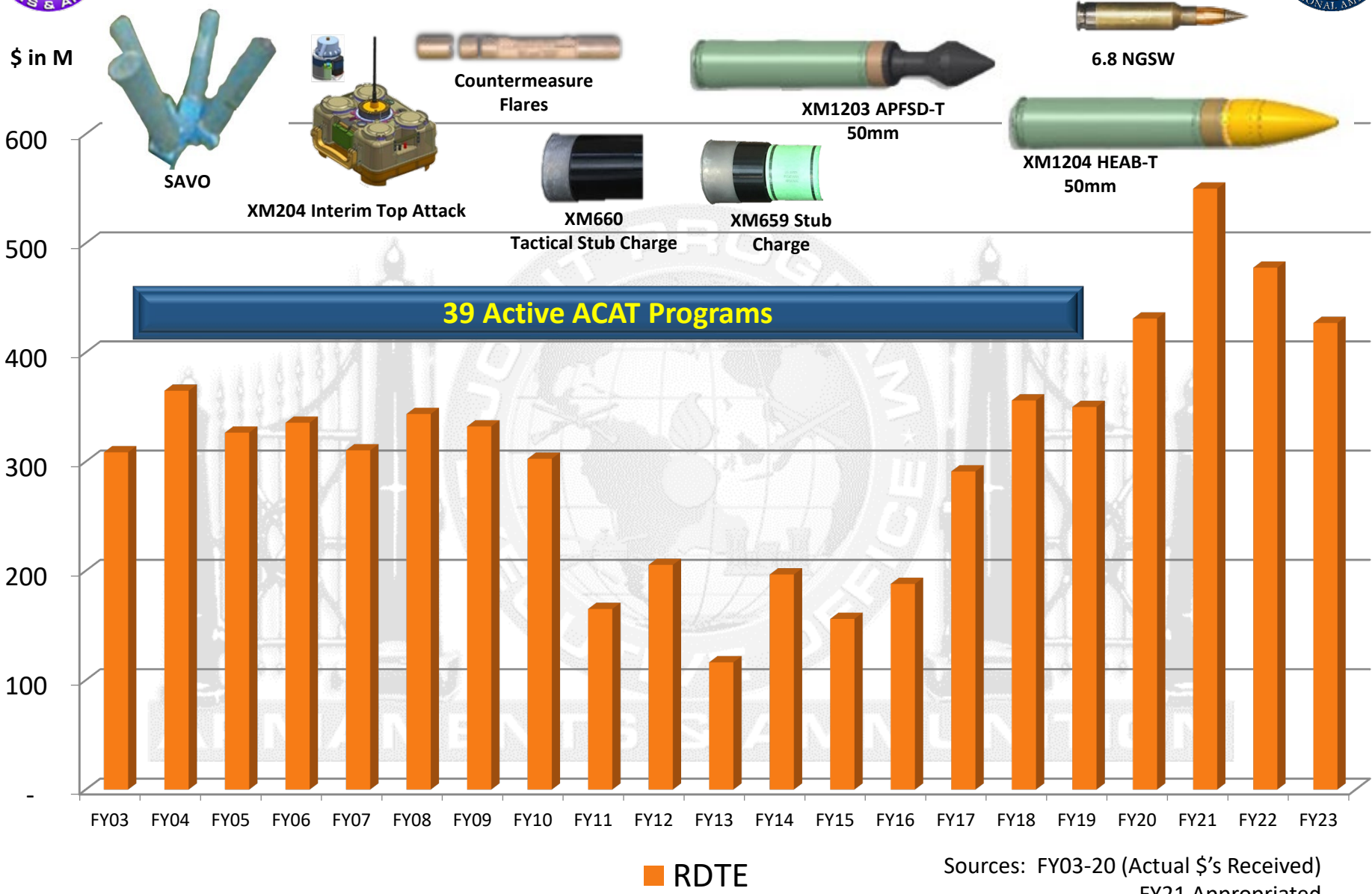
\$655.0M



Total FY 23 Budget ~\$5.2B



RDTE Appropriation (6.4, 6.5, 6.6)



Acquisition, Supply Chain & Industrial Base Management Approach



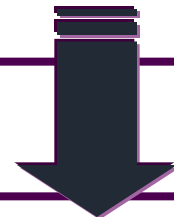
Single Manager for Conventional Ammunition (SMCA)

• Policy & Statute

- DODI 5160.68 SMCA
- AR700-90 Army Industrial Base Process
- DODD 4275.5 Acquisition and Management of Industrial Resources
- Public Law 105-261, Section 806 (Limit procurements to NTIB)
- Public Law 99- 661, Section 317 (McAlester/Crane)
- 10 USC 2535 (Defense Industrial Reserve Act)
- 10 USC § 4532 (Arsenal Act)
- 10 USC 4553 (Armament Retooling & Manufacturing Support)

• Strategy

- SMCA Industrial Base Strategic Plan
- AAP Modernization Plans
- Lay Away and Maintenance of Inactive Facilities--Surge
- GOCO AAP Competitions
- Risk Management/Disaster Recovery Planning
- Foreign Military Sales
- Demilitarization/Cross Leveling

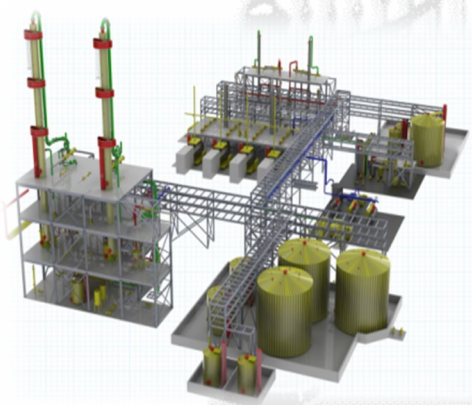
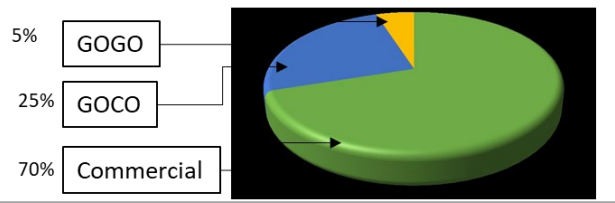


• Tools

- Industrial Committee of Ammunition Producers (ICAP)
- Supplier Risk System-DCMA/Dunn & Bradstreet
- Section 806 Watch List
- Capability and Capacity Utilization Studies
- Single Point Failure program (300+)
- Assured Munitions/Supply Chain Risk Mgmt
- IBAT (Supply Chain Maps)
- Advanced Planning Brief to Industry (APBI)

FY23: ~\$2.5B

Approx. Distribution of Annual Procurement Funding

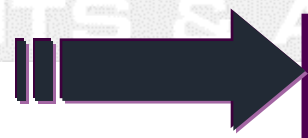


• Future Industrial Base

- AAP- Army Ammunition Plant
- IBAT – Industrial Base Assessment Tool
- NTIB- National Technology & Industrial Base
- GOGO- Government Owned, Government Operated
- GOCO- Government Owned, Contractor Operated

• Outcome

- Assured Munitions
- Effective and Efficient Operations
- Quality Product
- On Time Delivery
- Increased Readiness



Proactive Management of Supply Chain



US- Based Chemical Production Opportunities

Funding Sources

- OSD Industrial Base Sustainment
- OSD Defense Production Act Title III (FY23 ~\$200M; \$2-\$20M per award)
- JPEO A&A RDT&E 6.6, Munitions Standardization, Safety & Effectiveness

1. Barium Nitrate
2. Lead Nitrate
3. Potassium Nitrate
4. Strontium Nitrate
5. Strontium Peroxide
6. Strontium Oxalate
7. Hydrazine
8. Boron Carbide
9. Potassium Sulfate
10. Potassium Chlorate
11. Potassium Perchlorate
12. Diphenylamine (DPA)
13. Methyl Centralite
14. Ethyl Centralite

15. 4-Nitroanisole (4-NA)
16. 2,4-Dinitroanisole (DNAN)
17. Magnesium
18. Amorphous Boron
19. Trichlorobenzene (TCB)
20. Triaminotrinitrobenzene (TATB)
21. Titanium Powder
22. Zirconium Powder
23. Salicylic Acid
24. Sebacic Acid
25. Viton B
26. Lead Azide
27. Smoke Dyes:
 - a. Sublimized Quinizarin
 - b. Tech Quinizarin
 - c. Nitroanthraquinone (NAQ)
 - d. Quinaldine

300+
Single Point Failures



Authorities in the James M. Inhofe NDAA FY2023-Temp Authorizations for Contracts Related to Ukraine

\$20B+ in security assistance to Ukraine since Feb 2022

1. Exception to full and open competition (if in public interest)
 - Eliminates requirement for written Justification & Approval
2. Waiver of limitations associated with Undefined Contract Actions (UCA)
 - Allows greater than 50% obligation w/out a qualified proposal
3. Exemption of Certified Cost & Pricing for certain contracts
 - Applies to Fixed Price Incentive Firm Target contracts
4. Allows sharing of Large Caliber Cannon Technical Data Packages

Authorities expire Sep 2024



Message to Industry

- Thank you for your exceptional responsiveness producing & delivering quality ammunition— ammo at the Speed of War
- Robust ammunition budget exists, high Congressional and Pentagon support
- Propellant and Energetic resiliency opportunities
- Encourage reducing reliance on foreign sources
- Army Science Board, Rand Corp assessing Ukraine Lessons Learned & ability to surge production
 - Offer your thoughts, non-attributable
- Advanced Planning Briefing to Industry (APBI)
 - <https://sam.gov/opp/0e5833a36983420fbafbff479364652f/view>

