



Project Director Joint Services Overview

22 Sep 2022

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PRODUCT DIRECTOR DEMIL
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- Conventional/Missiles
- RDT&E
- APE

PRODUCTION BASE SUPPORT DIVISION
 GREG O'CONNOR x5008

- AAP Mod Requirements
- RDT&E - LCPP
- Environmental
- Section 806
- Single Point Failures
- ARMS

BUSINESS DIVISION
 MATTHEW SEAMAN x3311

- Contracting
- Cost Analysis
- Financial
- HQ Ops
- HR

ARMY AMMUNITION PLANTS

HOLSTON AAP
 CATHY FITCH x7689

IOWA AAP
 VACANT

LAKE CITY AAP
 JEFF FRYE 816.796.7206

MILAN/QCCCF AAP
 VACANT

RADFORD AAP
 DR. KIMBERLY GRISWOLD
 x4680

SCRANTON AAP
 BRIAN MEIERDIERCKS x4333



Building 1, Picatinny Arsenal



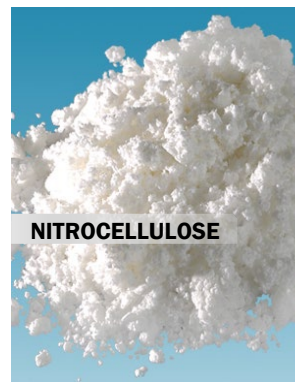
Project Director Joint Services Mission



Enable the acquisition, manufacturing and demilitarization of munitions for the Joint Services

Demilitarization

- Execute All DoD Conventional Ammunition
- Resource, Recovery & Recycle Program
- Ammunition Peculiar Equipment
- RDT&E



NITROCELLULOSE

Single Manager for Conventional Ammo (SMCA)

- Coordinate and Integrate the DoD's SMCA Responsibilities
- SMCA & Industrial Base Policy
- SMCA Customer Survey
- Joint Ordnance Commanders Group (JOCG) EXCOM Chair
- SMCA Issue Resolution
- SMCA Industrial Base Strategic Plan

SOLVENTLESS (MK90 Rocket Grain)



FLUID ENERGY MILL



Industrial Base

- Government Owned Contractor Operated (GOCO) Army Ammunition Plant (AAP) Acquisition Strategies
- GOCO AAP Modernization
- Layaway and Maintenance of Inactive Facilities
- Armament Retooling & Manufacturing Support
- Section 806, PL 105-261
- Single Point Failure Program
- RDT&E Life Cycle Pilot Process

FUTURE LONG RANGE PRECISION FIRE ARTILLERY FACILITY



NATURAL GAS STEAM FACILITY

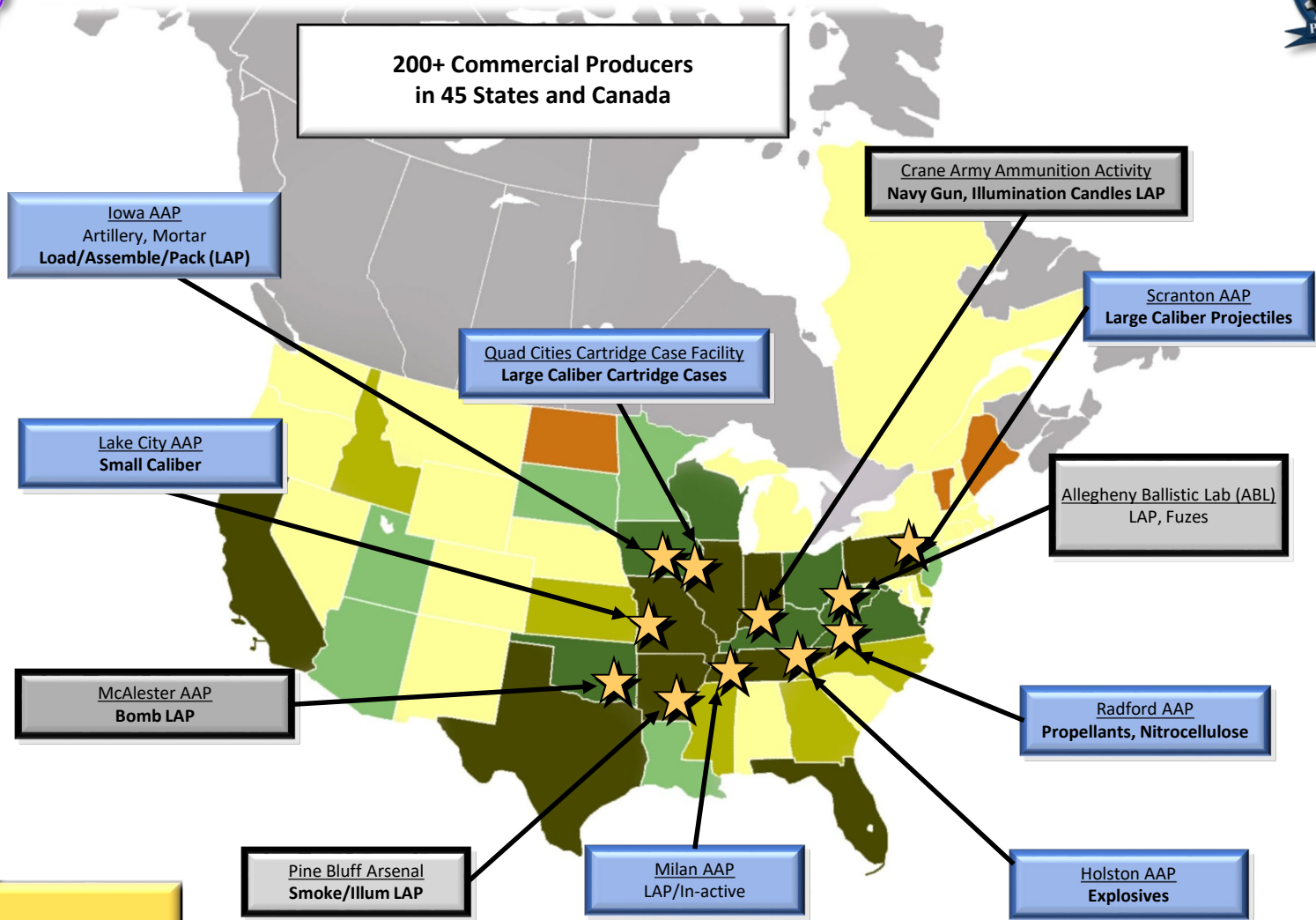


IM EXPLOSIVE





Ammunition Production Base



 Army Government Owned – Government Operated (GOGO) Installations

 Army Government Owned – Contractor Operated (GOCO) Installations



P.L. 105-261, Section 806 Law



SEC. 806. PROCUREMENT OF CONVENTIONAL AMMUNITION.

- (a) **Authority:** The official in the Department of Defense designated as the Single Manager for Conventional Ammunition shall have the authority to restrict the procurement of conventional ammunition to sources within the National Technology and Industrial Base in accordance with section 2304(c) of title 10, United States Code.
- (b) **Requirement:** The official in the Department of Defense designated as the Single Manager for Conventional Ammunition **shall limit** a specific procurement of ammunition to sources within the national technology and industrial base in accordance with section 2304(c)(3) of title 10, United States Code, in any case in which that manager determines that such limitation is necessary **to maintain a facility, producer, manufacturer, or other supplier** available for furnishing an essential item of ammunition or ammunition component in cases of national emergency or to achieve industrial mobilization.
- (c) **Conventional Ammunition Defined:** For purposes of this section, the term “conventional ammunition” has the meaning given that term in Department of Defense Directive 5160.65, dated March 8, 1995.

Public Law 105-261 Oct 17, 1998 (from <http://www.currentleal.com/LegalNews/uspl1998/105-261.html>)



Single Manager for Conventional Ammunition (SMCA)

Est. 1977



PEO Ammo (est. 2002)

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

Updated 15 Mar 2022

DoDI 5160.68 (dated 29 Dec 2008)

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)

AR700-90, Army Industrial Base Process, Jan 2020



JOINT CONVENTIONAL AMMUNITION POLICIES AND PROCEDURES (JCAPPs)

- Guidance for execution of DODI 5160.68 responsibilities

- Defines SMCA and Service Responsibilities across the SMCA Mission Functions:

1. RDT&E (Transition in time for first FRP contract)
2. Acquisition
3. Production Base
4. Supply
5. Maintenance
6. Demilitarization
7. Technical Data & Configuration Management
8. Transportation & Handling
9. Safety
10. Security
11. Financial Management & PPBE
12. Implementing Regulations
13. Personnel & Training
14. Quality Assurance
15. Security Assistance



Joint Ordnance Commanders Group (JOCG) Principal Members



BG John T. Reim
JPEO A&A
(JOCG Co-Chair)



COL(P) Landis C. Maddox
Joint Munitions Command
(JOCG Co-Chair)



BGen Arthur J. Pasagian
Marine Corps
Systems Command



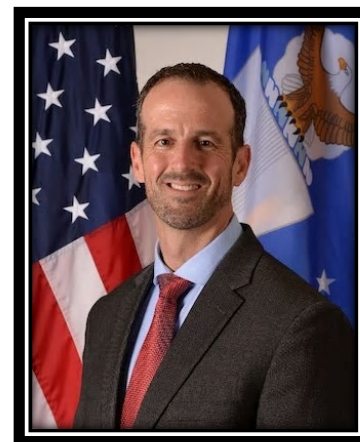
RDML Stephen R. Tedford
PEO for Unmanned Aviation
And Strike Weapons



RDML Jason M. Lloyd
Naval Sea Systems Command



Brig Gen Heath A. Collins
AFPEO for Weapons and
Director, Armament Directorate



Mr. William J. Innes
Special Operations
Command



JOCG Focus



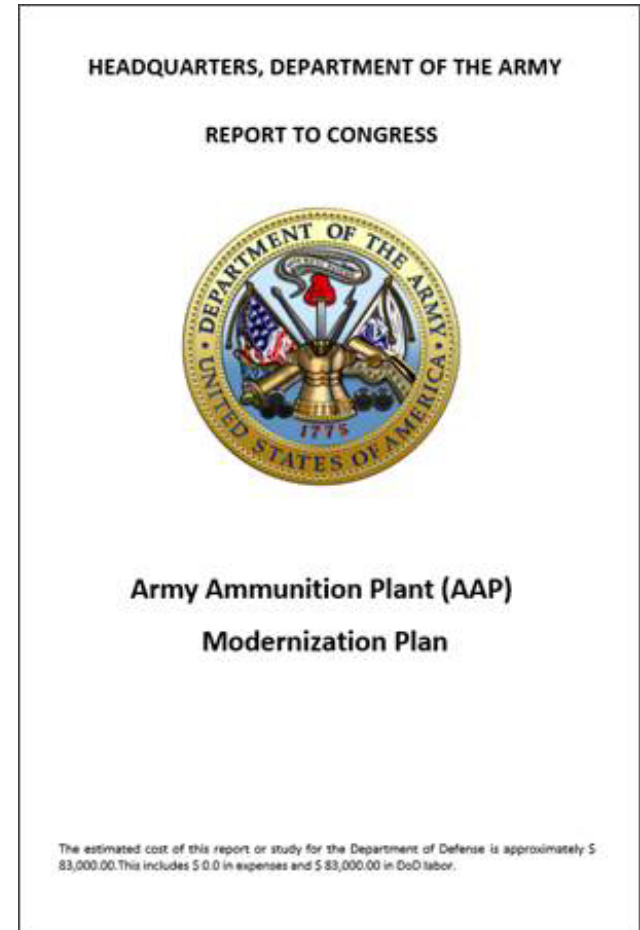
- ☆ **Inter-Service Communications**
- ☆ **Industrial Base**
- ☆ **Acquisition, Logistics & Technology**
- ☆ **Joint Policy & Procedures**
- ☆ **RDT&E synergy**
- ☆ **International & DoD Policy Implications**



Army Ammunition Plant (AAP) Modernization Plan



- Modernization Plan submitted to Congress on 31 Mar 2022.
- PD JS led the development of the plan with support from DEVCOM, AMC, JMC, Industry, Academia, and Sandia National Laboratories.
- Plan contains over 400 projects structured to transform the AAPs with the latest manufacturing technologies and state-of-the-art process equipment to achieve the Army's modernization objectives.
- Plan accounts for emerging requirements driven by the Army's Cross Functional Teams (CFT).
- Plan currently being updated for submission to Congress: 31 Mar 2023.





Modernization Strategy Objectives



1. Increase manufacturing safety and readiness to meet current and future requirements
2. Isolate energetic mass from people
3. Ensure graceful degradation and resilient operations
4. Improve flexibility, maintainability, and sustainability
5. Reduce cost of operations
6. Secure supply chains



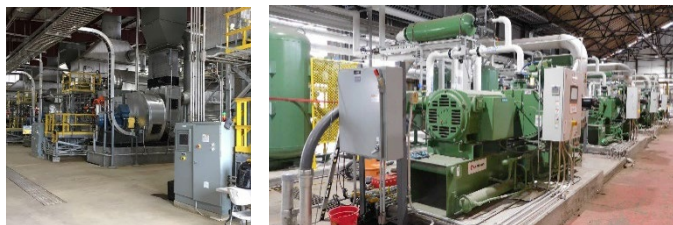
Example Modernization Projects



Radford AAP



SNA Tank Farm



Package Boilers

Compressor House Upgrades

Lake City AAP



Water Treatment Plant

Industrial Waste Treatment Lagoon & Filter Press

Holston AAP



Natural Gas Steam Facility



New Filtration and Wash Facility



Fluid Energy Mill

Iowa AAP



New Melt Pour Facility
Long Range Fires

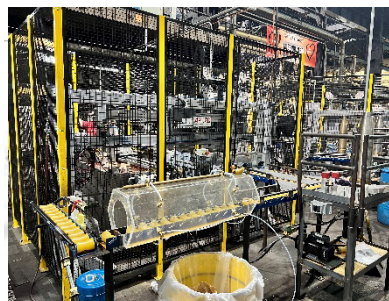


Cooling

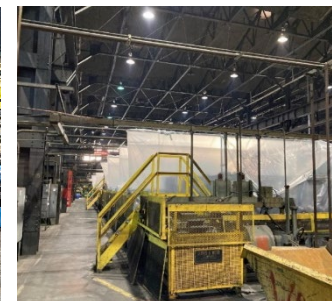
Remote Bays
Tank LAP

X-Ray Bays

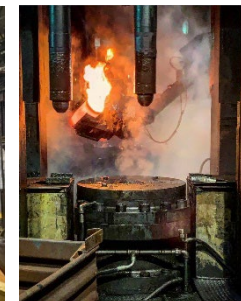
Scranton AAP



Submersible Ultrasonic Inspection



XM1128 Production Line Area



Erie I Press



Major Demil Stockpile Items

— Over 7,000 DODICs in the Demil Account —

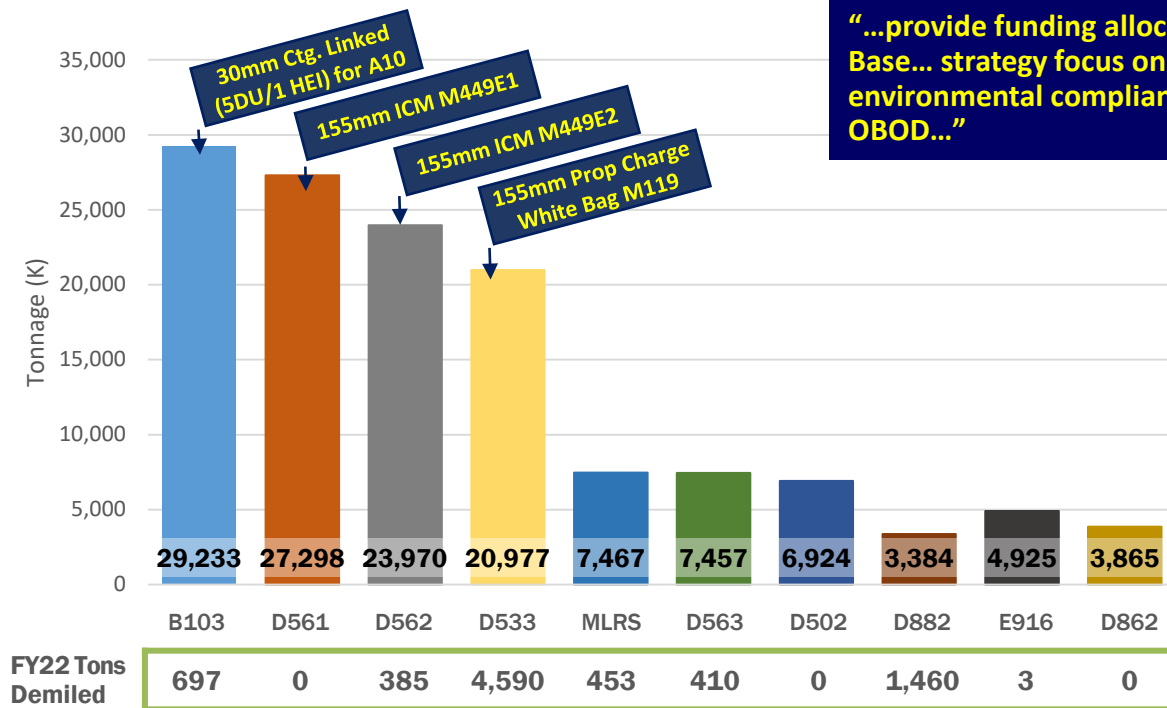
M483A1
DPICM Projectile



M42/M46
DPICM Grenades



FY22 Appropriations Report Due Jun 2022:
 "...provide funding allocation across Industrial Base... strategy focus on efficiency and environmental compliance; efforts to minimize OBOD..."



OBOD
(Open Burn Open Detonation)



Demil B5A Account = 373,278 Tons*

*Represents 24% of Total Ammunition Stockpile

36% of B5A Stockpile is in the Top 10 DODICs

as of Apr 2022



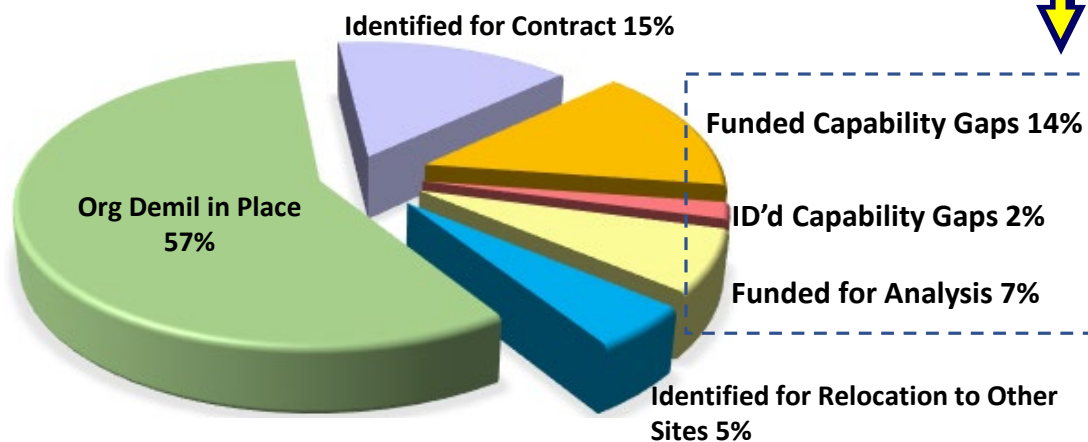
FY23-27 Demil Business Opportunities



Demil Capability Gap Analysis:

Goal: Have capabilities in place to maintain the B5A stockpile <100K ST

Need solutions for 23% of the B5A stockpile



Honest John Warhead



Smoke Munitions



Cluster Bomb and Cluster Bomb Explosion

Current Demil Capability Gaps:

- Various Cluster Bomb Units (CBU)
- Gator CBU
- Various Smoke Munitions
- Asbestos-Containing Munitions
- Misc. Munitions

Demil RDTE ID/IQ Contract FY22

- Request for Proposal RFP Feb 2022
- Small Business Set Aside
- Allows the prime contractor to bid on RDTE project during five ordering periods