



Project Director Joint Services (PD JS) 2015 Munitions Executive Summit

PM Panel Brief

8 April 2015

Advanced Planning Briefing to Industry (APBI)

Link:

<https://www.fbo.gov/notices/fc5fa5a09352955c8c7cc21da0281e11>

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What We Do for the Ammunition Enterprise



- Coordinate & integrate the DoD's Single Manager for Conventional Ammunition (SMCA) responsibilities
- SMCA & Industrial Base Policy

- Joint Ordnance Commanders Group (JOCG) EXCOM Chair



- Government Owned Contractor Operated (GOCO) Army Ammunition Plant (AAP) Modernization and Sustainment
- AAP Maintenance of Inactive Facilities (MIF); Layaway of Industrial Facilities (LIF)
- Armament Retooling and Manufacturing Support (ARMS) Program

- PM Demil
- SMCA Service Issue Resolution

- Section 806, Public Law 105-261; FAR 207.1
- Single Point Failure Program
- Manufacturing Technology
- Logistics R&D



Ammunition Production Base Overview



200+ Commercial Producers in 45 States and Canada

Iowa APP
 Artillery, Mortar, 40mm Load/Assemble/Pack (LAP); C-4; Warheads

Crane Army
 Ammunition Activity
 Navy Gun, Illumination
 Candles LAP

GENERAL DYNAMICS
 Ordnance and Tactical Systems

Quad Cities Cartridge Case Facility
 Large Cal Cartridge Cases

Scranton AAP
 Large Caliber Projectiles

Allegheny Ballistic Lab (ABL)
 LAP, Fuzes

NSWC Indian Head
 CAD/PAD; Warheads; MK90



Lake City AAP
 Small Caliber

McAlester AAP
 Bomb LAP

BAE SYSTEMS

Radford AAP
 Propellants, Nitrocellulose

BAE SYSTEMS

Holston AAP
 Explosives

Pine Bluff Arsenal
 Smoke / Illum
 LAP



Milan AAP
 Load,
 Assemble, Pack

Number of Produced End Items



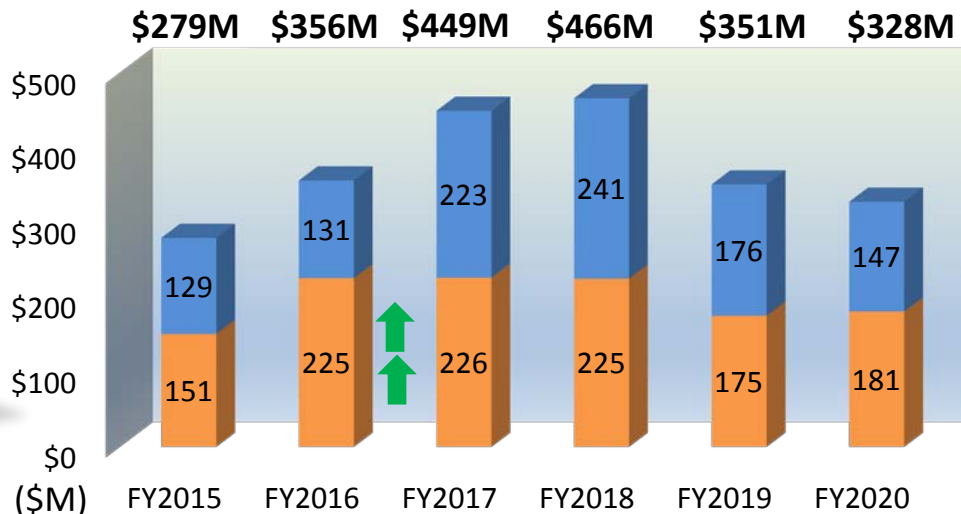
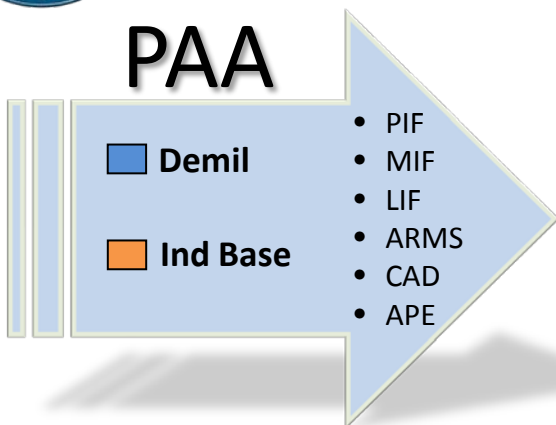
Section 806:
 SMCA to ensure essential NTIB producers & ammo items are available for national emergency

Army Government Owned – Government Operated (GOGO)
 Army Government Owned – Contractor Operated (GOCO)
 Navy Facilities

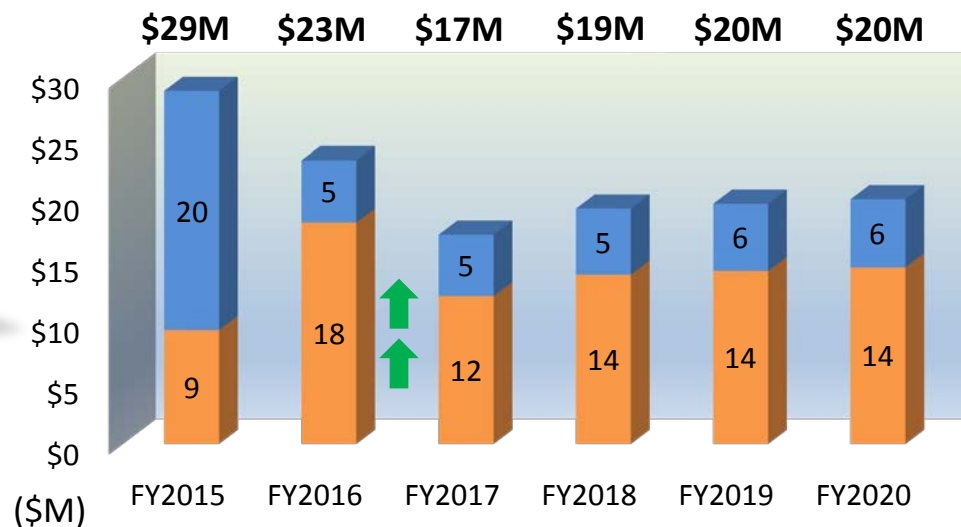
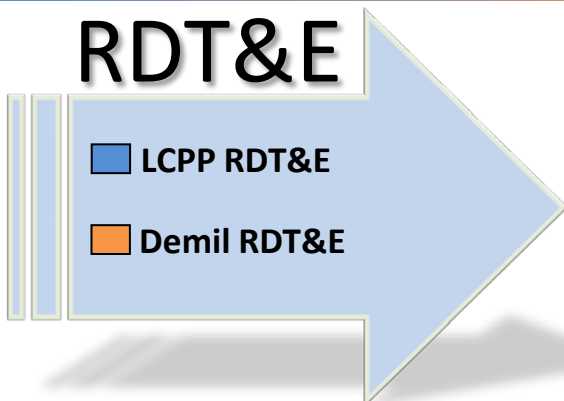


PD JS Direct Funding

PAA



RDT&E



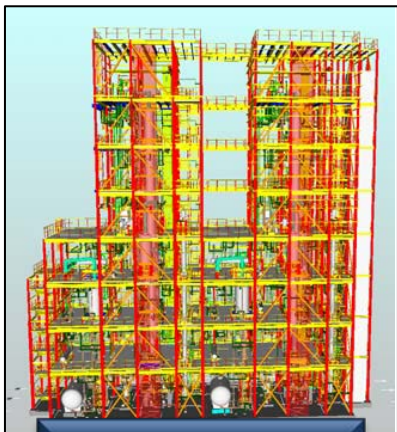
- **PAA**- Procurement of Ammunition Army
- **RDT&E**- Research Development Test & Engineering
- **PIF** - Provision of Industrial Facilities
- **MIF** - Maintenance of Industrial Facilities
- **LIF** - Layaway of Industrial Facilities
- **ARMS** - Armament Retooling and Manufacturing Support
- **CAD** - Conventional Ammunition Demil
- **APE** - Ammunition Peculiar Equipment
- **LCPP** - Life Cycle Pilot Process, RDTE 6.6

Source: FY16 Pres Budget
Dated: Feb 2015



Main Priorities

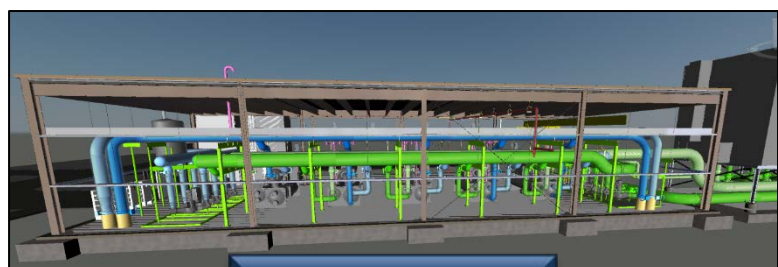
1. Scranton Army Ammunition Plant (SCAAP) Competition
2. New Conventional Ammunition Demilitarization Contract
3. Iowa AAP Strategy
4. AAP Modernization
5. Single Manager for Conventional Ammunition (SMCA) Industrial Base Strategic Plan



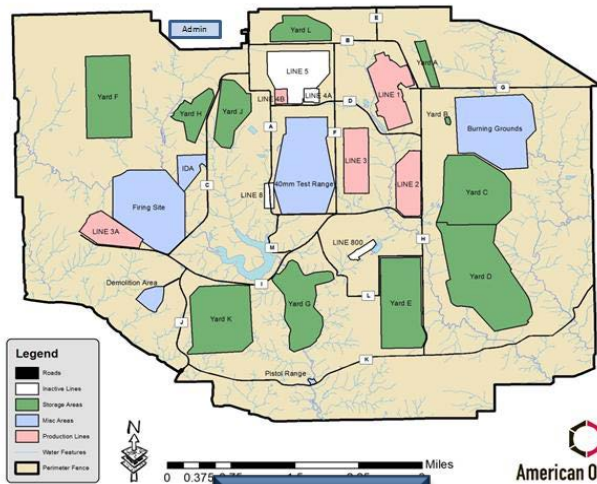
**Holston AAP
NAC/SAC Design**



**3-D Model of New
Radford AAP
Nitrocellulose Facility**



**Lake City AAP HVAC
Central Utility Plant
(CUP)**



Iowa AAP



**Radford AAP
Power Plant**



GOCO AAP Video

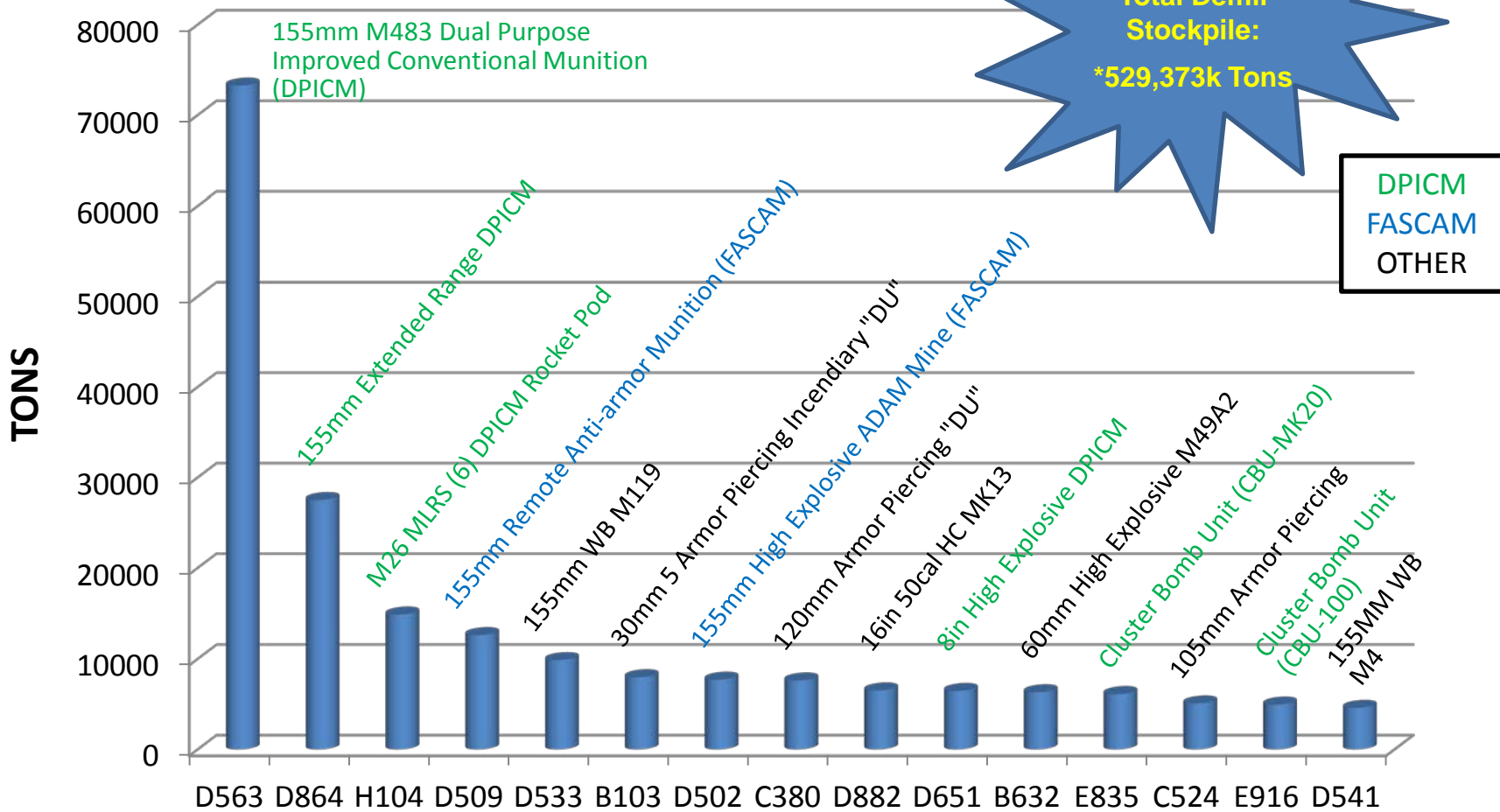




Major Demil Stockpile Items

----Over 7,600 DODICs in the Demil Account----

Total Demil Stockpile:
***529,373k Tons**



Data for graph current as of Dec 2014

*Stockpile: 484,918 tons ammo; 44,455 tons missile



Challenges & Watch Areas

1. Post Ammunition Industrial Base Strategic Analysis Study
2. Balancing Industrial Base & Acquisition Risks
3. AAP Modernization Without Disrupting Production
4. Reducing Demil Stockpile
5. Reducing Cost of AAP Ownership
6. 340+ Single Point Failures
7. Environmental Regulations
8. DoD Policies & Statutes
9. Ottawa/Oslo Treaties
10. Maintaining Financially Viable Supply Chain

The SMCA will continue to engage & collaborate with Industry to sustain the ammunition industrial base