

# Project Manager Maneuver Ammunition Systems

## Direct Fire Outlook



**DISTRIBUTION STATEMENT A.**

Approved for Public Release; distribution is unlimited. Other requests shall be referred to the:

Office of the Project Manager for  
Maneuver Ammunition Systems

ATTN: SFAE-AMO-MAS, Picatinny, NJ  
07806-5000



Chris Grassano  
Project Manager

19 May 2010





# PEO Ammunition Organization



## Project Managers



### PM CAS Combat Ammunition Systems

Indirect Fire Munitions and Mortar Weapon Systems

- PM Mortars
- PM Excalibur

973-724-2003  
john.scott.turner@us.army.mil



### PM CCS Close Combat Systems

Close Battle Systems, Networked Munitions, and Force Protection

- PM Countermine & EOD
- PM Intelligent Munitions Sys
- PM IED Defeat/Protect Force

973-724-7041  
raymond.nulak@us.army.mil



### PM MAS Maneuver Ammunition Systems Direct Fire Munitions

- PM Large Caliber
- PM Small & Medium Caliber
- PM Medium Cannon Caliber
- PD Non-Standard Ammo

973-724-5307  
chris.grassano@us.army.mil



### PD JS Joint Services

- Ammunition Industrial Base
- Ammunition Logistics
- Technology and Prototyping
- Demilitarization

973-724-5257  
steven.f.cummings@us.army.mil



973-724-7101  
jonathan.maddux@us.army.mil

Be the best provider of conventional and leap-ahead munitions and counter improvised explosive device products by fostering innovation and diversity to increase the combat power of our Warfighters.

## Staff Organizations



### DPEO Ammunition

973-724-7102  
james.shields3@us.army.mil



### APEO Programs Management

973-724-7074  
tracy.houtsma@us.army.mil



### APEO Business Management

973-724-7121  
pete.vauter@us.army.mil



### APEO HR & Ops

973-724-7112  
celeste.goodhart@us.army.mil



### O/EDCA Executive Director Conventional Ammunition

- SMCA Assessment

973-724-3350  
jeffrey.horton5@us.army.mil



### PD JP Joint Products

- Navy and Air Force Bombs & Energetics



973-724-6487  
kim.r.brooks1@us.army.mil

# Single Manager for Conventional Ammunition



# Project Manager Maneuver Ammunition Systems

66 Products  
Managed



74 Products  
Managed

**PM MAS  
Has 222  
Products  
Under Mgmt.**

11 Products  
Managed



44 Products  
Managed

**Equipping US and Allied Warfighters with World Class Direct Fire Combat and Training Ammunition Through Strategic Life Cycle Management**



# PM-MAS Goals

## Support Warfighters

- Maintain ammunition stocks
- Expedite ammunition delivery to theater as necessary
- Supply Allies with Standard and Non-Standard Ammo

## Enhance Organic/Commercial Strategic Capabilities

- Transition of product items from other customers
- Modernization of facilities
- Avoid peaks and valleys in demand
- Expand sources of supply

## Develop & Field Capability Improvements

- Lead Free Ammo
- Safety Improvements
- Target Effects
- Ground Combat Vehicle Support
- Next Generation 120mm KE
- 105mm Training Ammo

**Roadmaps Keep Us Focused on Where We Want to Go**



# FY10 Accomplishments

## Support Warfighters (OCO)

- Maintained Theater Assets at Needed Levels
- Continued Filling Stockpile to QWARRM Levels
- Meeting All FMS requirements for Coalition and Friendly Forces
- Executed UMR for 40mm IR Illumination (M992)

## Enhance Organic/Commercial Strategic Capabilities

- Continue Modernization of LCAAP to Improve Product and Capacity
- Expanded Small Business Participation in Ammunition NTIB Production
- 30mm M789 Second Source Contract Awarded to GDOTS

## Develop & Field Capability Improvements

Safety

- Small Cal Safer 5.56/7.62/.50/9mm Dummy, Drilled & Inert (DDI) in Depot
- 40mm M549A1 fuze replacement w/USMC
- 120mm Advanced Case System Design Concepts & Testing
- Awarded M14 Propellant Replacement Contracts to GDOTS and ATK

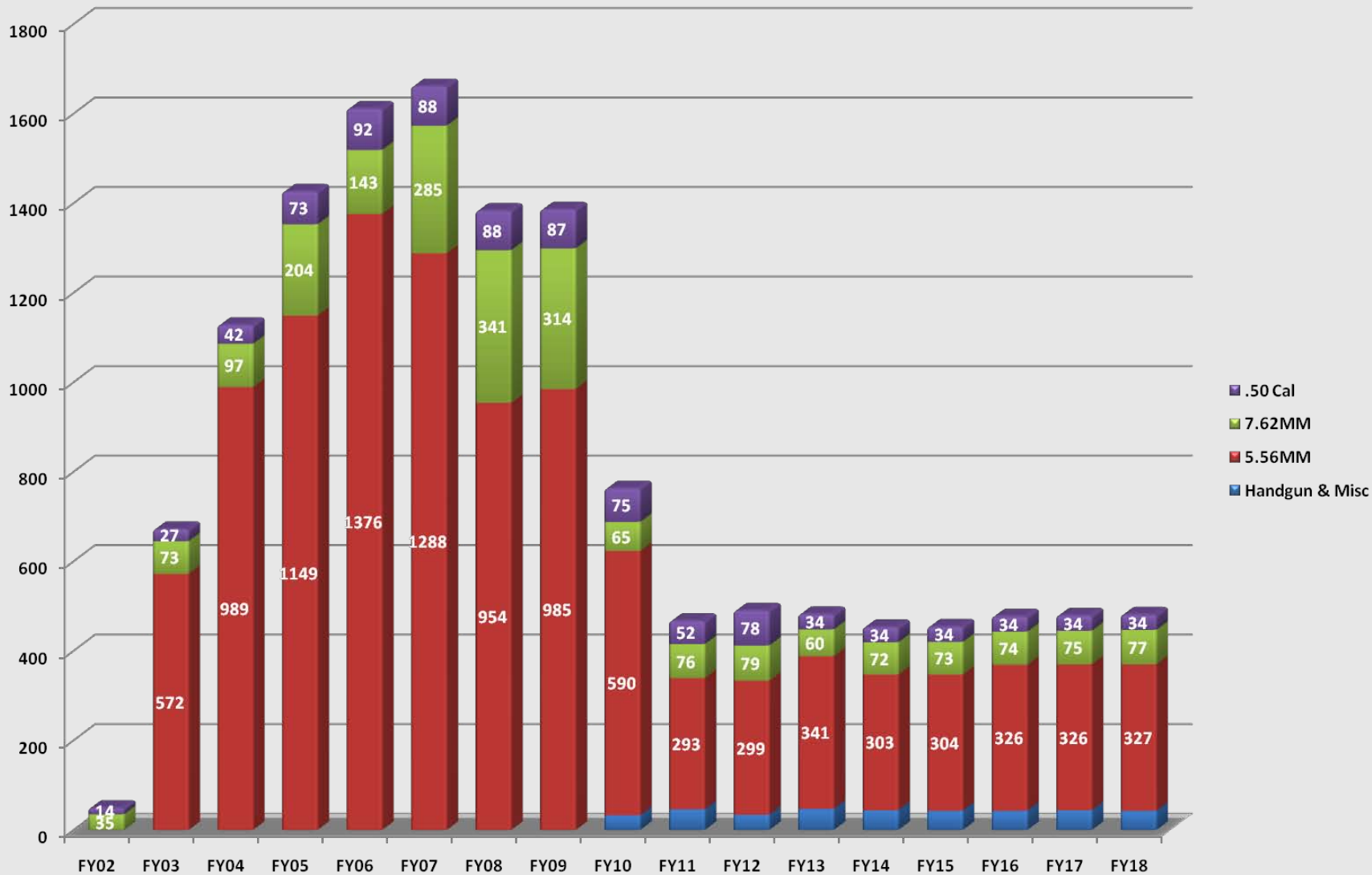
Perf  
QA

- M855A1 – Enhanced Performance & Environmental Stewardship
- M829E4 EMD Contract Awards to GDOTS & ATK
- Improved Packaging; Easier Warfighter Use and Cost Savings
- 30mm LW Flashtube and Propellant
- 40mm Pivot Coupling In Production

**Working to Incorporate Evolutionary Advancements that improve Reliability, Lower Cost, Improve Safety and Grow Performance**

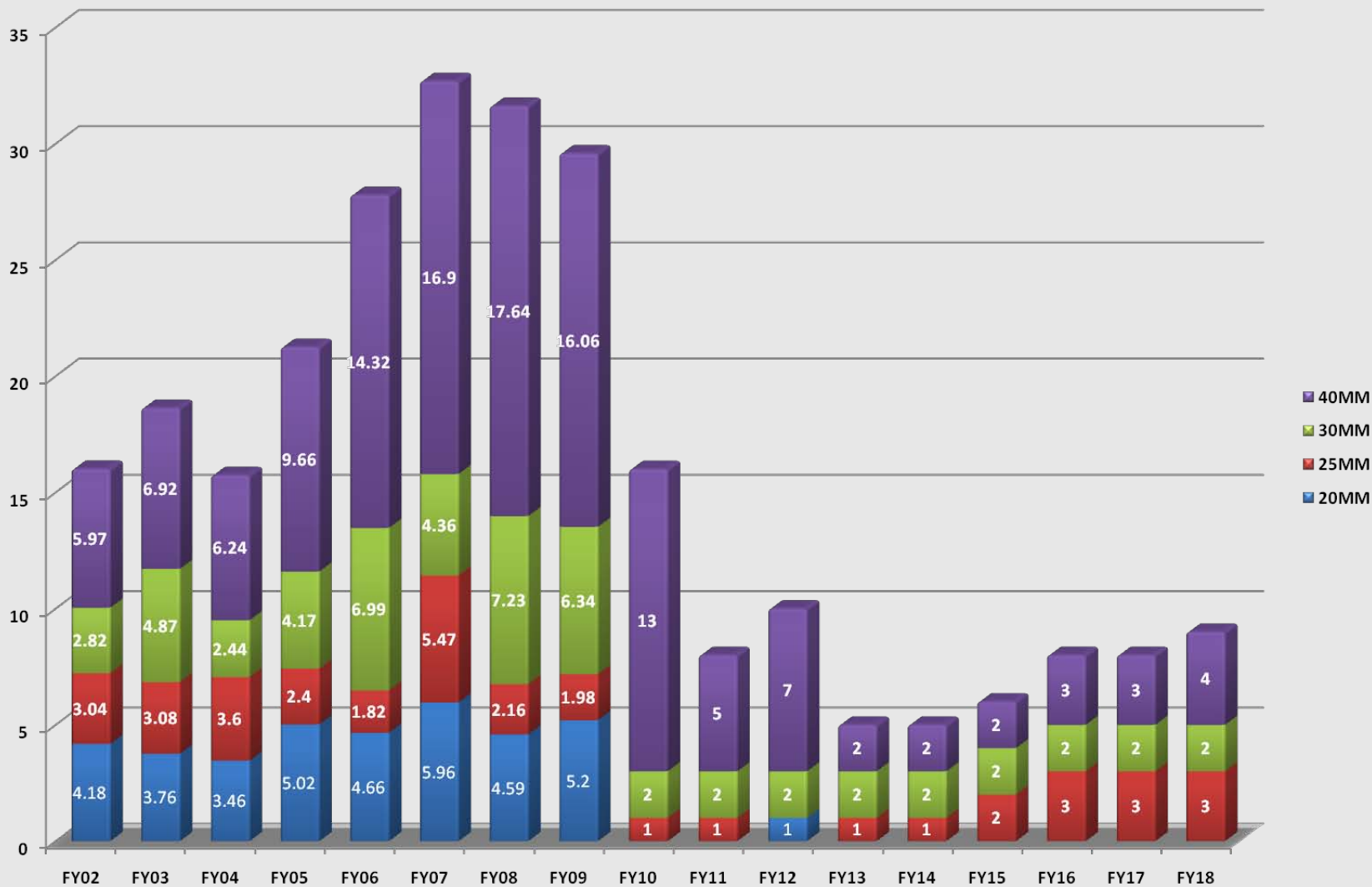


# Small Caliber Ammunition Pres Bud



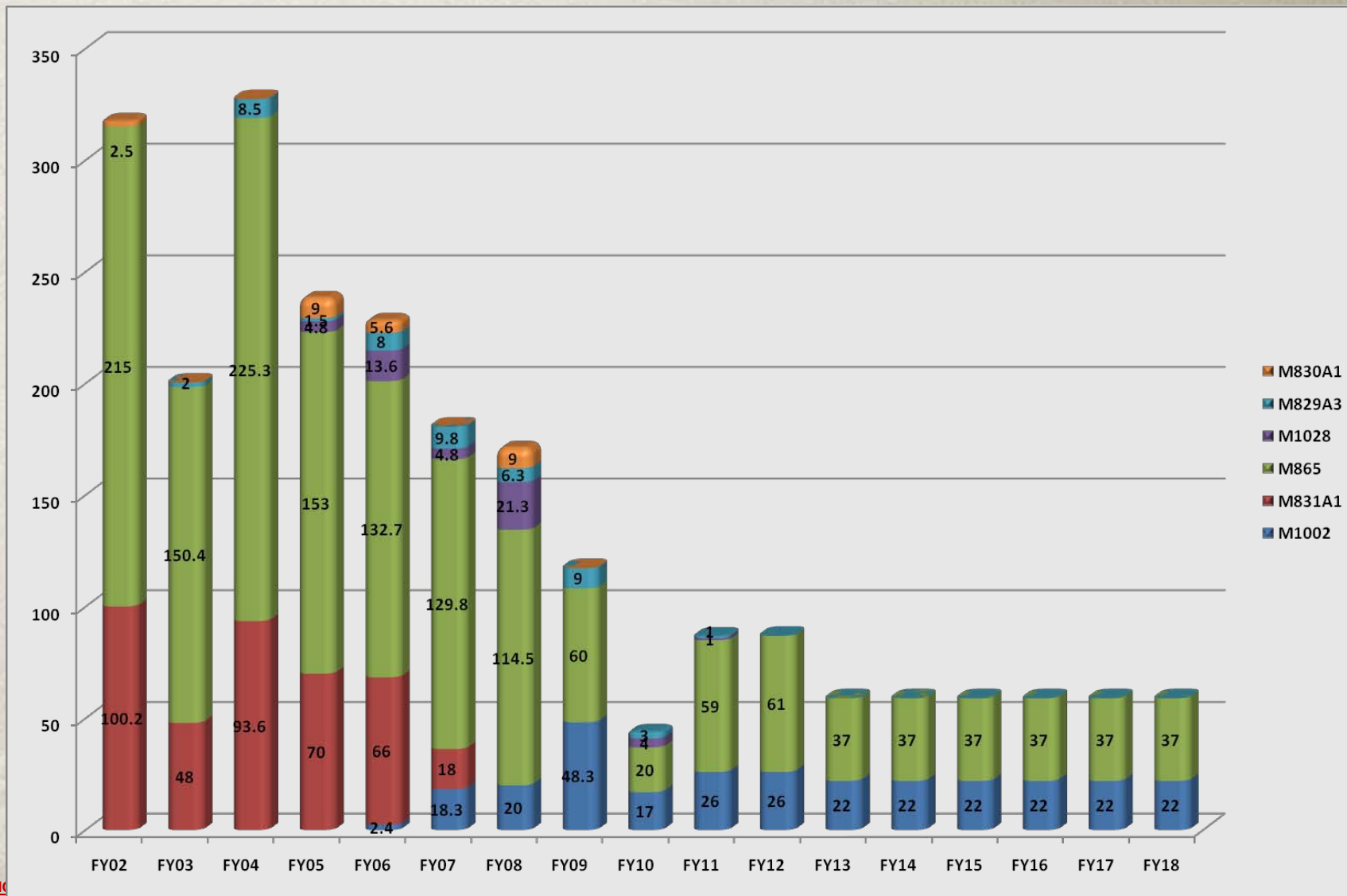


# Medium Caliber Ammunition Pres Bud





# Large Caliber Ammunition Pres Bud





# Warfighter Focused Team

Gov't – Industry – Academia Team  
has Performed Well!

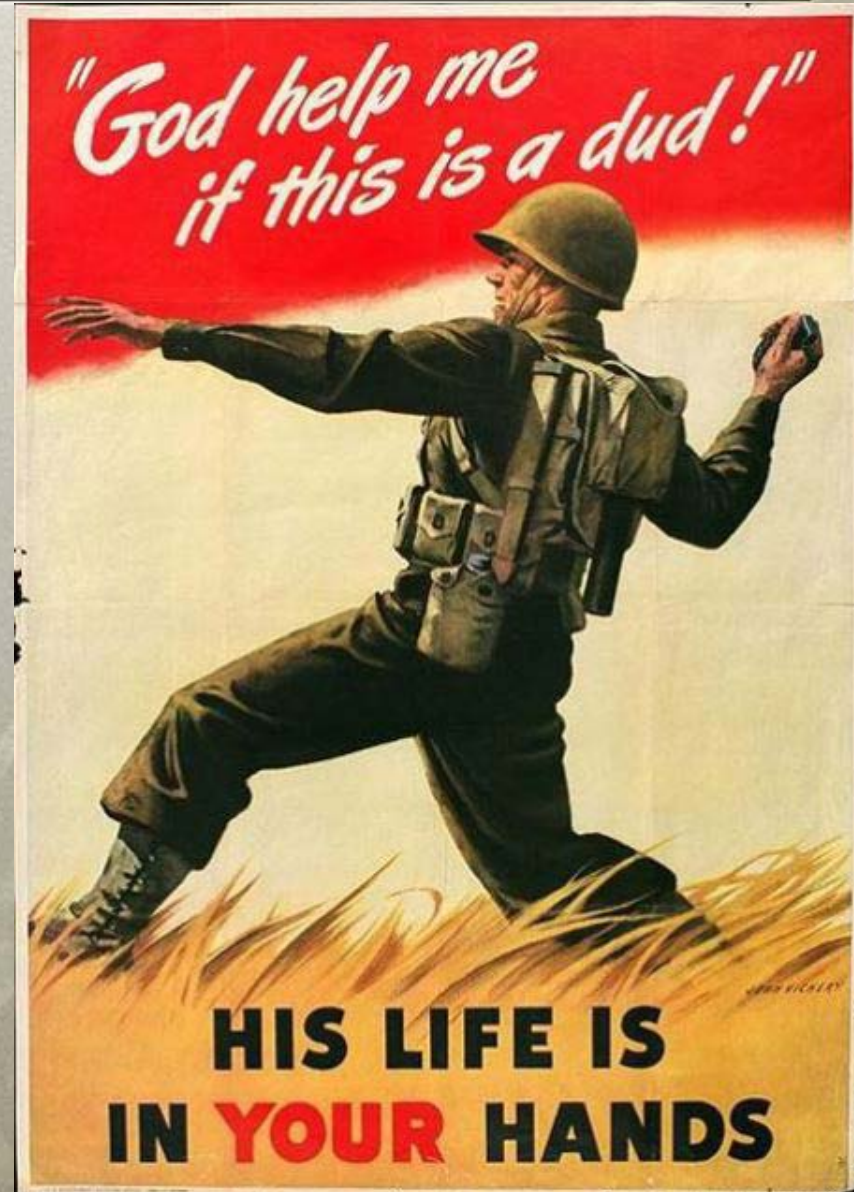
Continued Team Effort is Required

– Maintain Production:

- ✓ Quality
- ✓ Affordability
- ✓ Competencies
- ✓ Surge Capabilities

– Development:

- ✓ Limited Resources
- ✓ Mature Technologies
- ✓ Cost/Benefit Analysis
- ✓ What is Displaced





# NEXT: Briefs by Product Teams



- Small Caliber is continuing to modernize and enhance production and ammunition capabilities
- Medium Caliber continues to support other services, fill stockpile and support the Ground Combat Vehicle
- Large Caliber is developing the M829E4 and making safety improvements to current designs
- PM MAS has added Non-Standard Ammunition to its portfolio, which is expanding its customer base and its commodities

**Steady Improvement in Products and Services**