

# Conventional Ammunition Demilitarization

Performs end-of-life-cycle management for conventional ammunition, including disposition, demilitarization, and disposal with an emphasis on closed disposal.

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## Description & Specifications

Conventional Ammunition Demilitarization employs closed disposal technologies (resource recovery and recycling, reuse, and other processes) and open burn/open detonation processes. The program uses government depots and commercial contractors within the United States and overseas, and supports military readiness as a supplier of necessary components in new production and maintenance operations. Critical explosives such as trinitrotoluene, or TNT, and tritonal, as well as components such as depleted-uranium penetrators and

supplementary charges, are removed during demilitarization and reused in new production.

Funding for FY07 and FY08 will provide for:

- Demilitarization through closed disposal technologies and open burn/open detonation
- Army and DoD joint research and development of demilitarization technology
- Worldwide support requiring ammunition peculiar equipment
- Explosive safety efforts

## Program Status

- **4QFY2006:** Demilitarization inventory (in short tons), 441,938; tons demilitarized, 30,338; tons received: 46,119
- **FY07:** Award of commercial contract option

## Projected Activities

- **FY07:** Support for the joint U.S.-Korea Munitions Demilitarization Facility
- **Ongoing:** Demilitarization of persistent conventional mines as directed by presidential policy

## ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

### Conventional Ammunition Demilitarization



Open Burning



Open Detonation



Disassembly



Robotic Disassembly of Projectiles  
(Sandia National Lab Project)



Cryofracture Demilitarization System  
(ARDEC Project, McAlester AAP)



Autoclave Meltout

#### FOREIGN MILITARY SALES

None

#### CONTRACTORS

General Dynamics Ordnance and Tactical Systems (St. Petersburg, FL)

