



ENERGETICS & WARHEADS PROTOTYPING CENTER

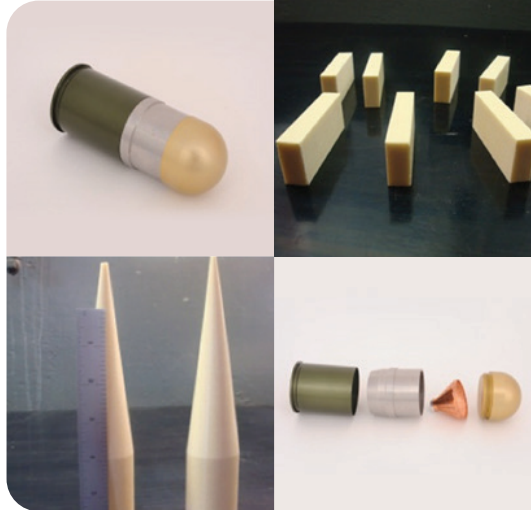
LABORATORY INFORMATION FACT SHEET

CONTACT US:

Technology Transfer Office

Email: usarmy.pica.devcom-ac.mbx.t2@army.mil

v.02



The Energetics & Warheads Prototyping Center develops specialty energetics tailored to specific applications and then loads the High Energy (HE) into the chosen warhead or munition.

TECHNOLOGY/FACILITY DESCRIPTION:

The DEVCOM Armaments Center Energetics & Warheads Prototyping Center has multiple facilities dedicated to reducing the time from the drawing board to field testing. The Energetics & Warheads Prototyping Center guides Integrated Product Teams during the early phases from

concepts towards achievable designs, then producing specialty HE formulations and fabricating test assets loaded with live HE to speed field testing. We partner with other DEVCOM AC organizations such as Quality, Materials and Demilitation to address all aspects of the design's lifecycle.



EQUIPMENT AND EXPERTISE AVAILABLE:

- Lab-scale energetic formulation and testing
- Fabrication of full-scale warheads, munitions and test assets are loaded and assembled
- Produce munitions as large as the 155mm M795 HE Projectile (containing 23.8 lbs of explosive) and as small as the M5 Booster Pellets (containing 25 grams of explosive)
- Explosive Formulation
- Explosive Production
- Explosive Press Loading
- Explosive Melt-Pour Loading
- Explosive Cast-Cure Loading
- Explosive CNC Machining
- Munition Load/Assembly/Pack