

GMLRS Alternative Warhead Program



An enhanced warhead that provides improved lethality and reduced UXO

Overview

ATK is developing an alternative warhead for the Guided Multiple-Launch Rocket System (GMLRS) missile system under the U.S. Army Technology Demonstration Phase of the GMLRS Alternative Warhead Program as a drop-in replacement for the currently fielded Dual-Purpose Improved Conventional Munition (DPICM) warhead. ATK's warhead is designed to meet or exceed the GMLRS DPICM unexploded ordnance (UXO) requirements, fit within the existing rocket architecture and concept of operations (CONOPS), and meet lethality and insensitive munitions requirements. All requirements were validated in 2010 when live fire testing was conducted at White Sands Missile Range (WSMR), New Mexico.

ATK's design uses innovative components to meet mission requirements, lower technical risk, and match current warhead flight characteristics with no modifications to the existing delivery system.

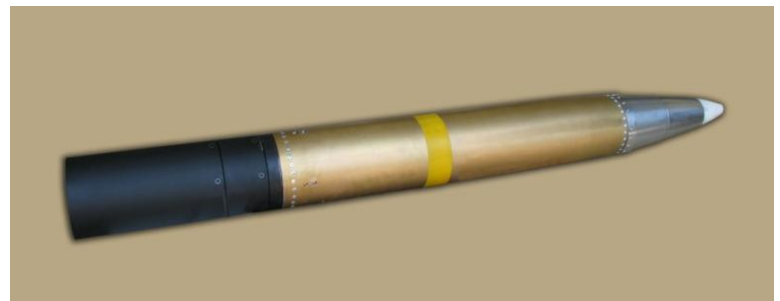
ATK self-funded early stage development and demonstration efforts to validate our warhead effectiveness and architecture. These efforts have been incorporated into the Army's GMLRS Alternative Warhead Program.



ATK's arena tests validated that the design meets the established performance requirements

Features

- Meets lethality, mass and geometry, environmental, and insensitive munitions (IM) requirements
- Integrates seamlessly with GMLRS rocket
- Meets DPICM ORD objective requirements



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