



GMLRS® IM ROCKET MOTOR

WHAT IT IS

Northrop Grumman developed a new, advanced Guided Multiple Launch Rocket System (GMLRS) rocket motor that meets mission system requirements and stringent insensitive munitions (IM) requirements while adding an increased level of safety for the warfighter.



GMLRS IM Rocket Motor

APPLICATIONS

Northrop Grumman's IM-compliant rocket motor is used to propel the U.S. Army's GMLRS missile. The GMLRS is a free flight rocket with an inertial guidance and control package designed to engage targets from 13 to 70 kilometers.

For more information, contact:

John Harris
john.harris2@ngc.com
Mobile: +1 (850) 460-0389

PRODUCT FEATURES AND BENEFITS

- IM performance complies with MIL-STD-2105D
- Price comparable to non-IM rocket motors
- Lighter weight saves nearly 200 lbs per pod load
- Passive thermal venting device
- Compliant with all legacy interfaces
- Ignition Safety Device (ISD) complies with MIL-STD-1901A
- Extended range propulsion system variants under development

TECHNICAL DATA

Weight: 340 lb (154.2 kg) total

Length: 88.6 in (2199.6 mm) max

Diameter: 9.1 in (231.1 mm) max

Case: Graphite/Kevlar® composite

Igniter Temperature: -26°F to +140°F (-32°C to +60°C)

QUALIFICATION AND PRODUCTION DATA

IM Propulsion System is in Full Rate Production and is the system production standard