

Guided Multiple Launch Rocket System (GMLRS)

Provides responsive, long-range, precision fires against area and point targets in open/complex/urban terrain with effects matched to the target and rules of engagement.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



Description & Specifications

The Guided Multiple Launch Rocket System (GMLRS) is a major upgrade to the M26 rocket, producing precise destructive and shaping fires against a larger target set. GMLRS is employed with the M270A1 upgraded Multiple Launch Rocket System (MLRS) tracked launcher and the M142 High Mobility Artillery Rocket System (HIMARS) wheeled launchers.

GMLRS munitions have greater accuracy with a resulting higher probability of kill, smaller logistics footprint, and minimized collateral damage. There are two variants of the GMLRS: the dual-purpose improved conventional munitions (DPICM) variant (warhead consists of 404 small anti-personnel and anti-materiel grenades that are dispersed over the specific target); and the unitary variant (warhead consists of a single, 200-pound class high-explosive charge that provides blast and fragmentation effects on, above, or in a specific target). GMLRS DPICM development

was an international cooperative program with the United Kingdom, Germany, France, and Italy. An urgent materiel release version of the GMLRS unitary variant has been produced and fielded in support of U.S. Central Command (CENTCOM) forces.

Rocket Length: 3,937mm

Rocket Diameter: 227mm

Rocket Reliability: Threshold 92 percent; objective: 95 percent

Ballistic Range(s): 15 to 70+ kilometers

Program Status

- **1-2QFY02:** Conducted successful early development test on GMLRS DPICM
- **4QFY02-1QFY03:** Conducted production qualification test on GMLRS DPICM
- **3QFY03:** Low rate initial production (LRIP) decision and LRIP I contract award for GMLRS DPICM
- **4QFY03:** FY03 Operation Iraqi Freedom (OIF) supplemental contract award

- **4QFY04:** Initial operational test of GMLRS DPICM
- **3QFY05:** Full-rate production decision for GMLRS DPICM
- **2QFY05-3QFY05:** Developmental testing on GMLRS Unitary UMR rocket
- **3QFY05:** Full rate production decision for GMLRS DPICM
- **3QFY05:** GMLRS Unitary UMR rocket fielded to CENTCOM forces
- **3QFY05-3QFY06:** Developmental testing conducted on GMLRS Unitary Objective rocket
- **2QFY06:** GMLRS DPICM receives type qualification
- **3QFY06:** Additional GMLRS Unitary UMR rockets fielded to OIF theater

Projected Activities

- **FY06-07:** Production qualification testing for GMLRS Unitary Objective rocket
- **2QFY07:** GMLRS Unitary Milestone C
- **FY08:** Initial operational test for GMLRS Unitary Objective rocket

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Guided Multiple Launch Rocket System (GMLRS)

FOREIGN MILITARY SALES

United Kingdom

CONTRACTORS

Prime munitions integrator:
Lockheed Martin (Dallas, TX)

Rocket assembly:
Lockheed Martin (Camden, AR)

Motor assembly:
Aerojet (Camden, AR)

G&C section:
Honeywell (Clearwater, FL)

Motor case/warhead skins:
Aerojet (Vernon, CA)

