News Release

Lockheed Martin's Next-Gen Precision Fires Rocket Aces Demo

Guided Multiple Launch Rocket System demonstrates extended range in second flight this month

Caption: Lockheed Martin's Extended-Range Guided Multiple Launch Rocket System (ER GMLRS) will increase the range of the current munition offering enhanced capability, flexibility and ability to restore advantage for commanders throughout the battlespace.

DALLAS, March 25, 2021 – Lockheed Martin (NYSE: LMT) successfully tested its next-generation Extended-Range Guided Multiple Launch Rocket System (ER GMLRS) munition in a 135+ kilometer flight demonstration at White Sands Missile Range, New Mexico. During the flight test, the ER GMLRS round was fired from Lockheed Martin's High Mobility Artillery Rocket System (HIMARS®) launcher and met test objectives.

"Today marks another flight test this month that demonstrated ER GMLRS' enhanced capabilities and the longest range flown to date," said Gaylia Campbell, vice president of Precision Fires and Combat Maneuver Systems at Lockheed Martin Missiles and Fire Control. "ER GMLRS will restore key battlespace advantage offering commanders flexibility and increased launcher survivability with greater standoff range."

The demonstration confirmed the rocket's performance in flight trajectory, range and accuracy from launch to target area, validated interfaces with the HIMARS launcher and system software performance.

The GMLRS family of munitions offers versatility, reliability and accuracy customers have come to expect. The new ER GMLRS round will offer the same choice of munitions at longer distances improving options for commanders to support Multi-Domain Operations.

Lockheed Martin has produced more than 50,000 GMLRS rounds and is under contract to produce more than 9,000 new GMLRS unitary and alternative-warhead rockets, more than 1,800 low-cost reduced-range practice rockets and integrated logistics support for the U.S. Army and international customers. The systems are produced at the Precision Fires Center of Excellence in Camden, Arkansas.

For more than 40 years, Lockheed Martin has been the leading designer and manufacturer of long-range, surface-to-surface precision strike solutions, providing highly reliable, combat-proven systems like MLRS, HIMARS, ATACMS and GMLRS to domestic and international customers.

For additional information, visit our website: https://www.lockheedmartin.com.

About Lockheed Martin
Headquartered in Bethesda, Maryland, Lockheed Martin Corporation is a global security and aerospace company that employs approximately 114,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

Please follow @LMNews on Twitter for the latest announcements and news across the corporation.

# # #

Media Contact:

Angela Marcum, +1 972-415-7979; Angela.F.Marcum@lmco.com

LOCKHEED MARTIN

Fast Facts

Guided Multiple Launch Rocket System®

GMLRS® is the combat proven, highly accurate, all-weather, low collateral damage, precision-guided primary round for MLRS systems.

Capabilities

15 - 70 km+
Range

Guidance:
Inertial Navigation System w/Global Positioning System

Warhead:
Unitary and Alternative Warhead Options

Insensitive Munition (IM)
Propulsion System and Payload

HIMARS®/M270 MLRS®
Compatibility

6
Missiles per pod

Milestones

FY20 contract for GMLRS production totaling $1.15 Billion.

Nations that field GMLRS.
*Flags indicate GMLRS procurement

Technology Enhancements

Continued Performance with current warheads:
- Unitary – point target with multiple fuzing options
- Alternative warhead (AW) – area target with variable Height of Burst fuzing

Enhanced Lethality:
Pursing opportunities to provide increased warhead coverage and expanded targets.

Launch Pod Container:
Updated design accommodates 9" GMLRS.

Economic Impact

More than...
250 suppliers
in 25 states

More than...
50 designated as
small businesses

LOCKHEED MARTIN

Fast Facts

Extended-Range Guided Multiple Launch Rocket System®

ER GMLRS® increases the range of the current Precision Fires go-to GMLRS variants with the same highly-accurate, responsive, all-weather capabilities commanders have come to expect thus complementing the rest of the Precision Fires munitions (GMLRS, ATACMS, and PrSM).

Capabilities

15 - 150 km+
Range

Guidance:
Inertial Navigation System w/Global Positioning System

Warhead:
Unitary and Alternative Warhead Options

Insensitive Munition (IM)
Propulsion System and Payload

HIMARS®/M27A2 MLRS®
Compatibility

6
Missiles per pod

Milestones

SRM Hot/Ambient/Cold
Static Firings – Completed

Supplier Critical Design Reviews – Completed

Engineering Design Tests and System Qualification Tests - 2021

Technology Enhancements

Continued Performance with current warheads:
- Unitary – point target with multiple fuzing options
- Alternative warhead (AW) – area target with variable Height of Burst fuzing

Enhancements:
- Opportunities to provide increased precision and expanded target sets.

Launch Pod Container:
- Updated design for ER GMLRS with the ability to accommodate future GMLRS variants up to 10" diameter.

Economic Impact

More than...
250 suppliers
in 25 states

More than...
50 designated as small businesses