MAPS-Enabled Countermeasures Integrated By Lockheed Martin Defeat Threats In U.S. Army Field Tests

ORLANDO, Fla., March 4, 2019 — Lockheed Martin (NYSE: LMT) and industry partners supported U.S. Army integration of three countermeasures and a cueing sensor into the Modular Active Protection Systems (MAPS) framework for a six-week “rodeo” conducted at Redstone Arsenal, Ala.

In a series of live-fire tests, the MAPS-enabled systems defeated 15 out of 15 anti-tank guided missiles by jamming their signals, causing them to fly off-target.

“The success of the Army’s testing shows the effectiveness of an active protection system that can rapidly refresh with new components to meet specific mission and platform requirements,” said Michael Williamson, vice president of Sensors & Global Sustainment at Lockheed Martin.

Lockheed Martin engineers led hardware and software integration of an Ariel Photonics countermeasure into the MAPS framework ahead of the tests. They also supported U.S. Army Combat Capabilities Development Command Ground Vehicle Systems Center efforts with BAE Systems and Northrop Grumman in integrating two other countermeasures and a cueing sensor.

Lockheed Martin was awarded the initial MAPS prototype controller contract in 2014 and continues to manufacture and deliver base kits to MAPS stakeholders. The base kit consists of a controller, user interface, power management distribution system, network switch and application software. It provides processing power to MAPS-enabled sensors and countermeasures and directs them in defeating incoming missiles and rockets.

The base kit supports the rapid integration of MAPS framework-compliant sensors and countermeasures to detect and defeat threats targeting MAPS-equipped vehicles. It is designed to protect current combat vehicles, as well as support future vehicle protection system capabilities.

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

About Lockheed Martin

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