Lockheed Martin Demonstrates DAGR® Missile Ground Vehicle Launch Capability From JLTV

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ORLANDO, Fla., Feb. 21, 2013 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) recently demonstrated the ability of its DAGR missile to launch from a ground vehicle during a series of flight tests at Eglin Air Force Base, Fla.

(Photo: http://photos.prnewswire.com/prnh/20130221/FL63461)

DAGR and two Hydra 70 rockets were launched from a pedestal launcher mounted in the bed of a Lockheed Martin prototype Joint Light Tactical Vehicle (JLTV). DAGR locked onto the laser spot two seconds after launch, flew 5 km down range and impacted the target within 1 meter of the laser spot. The unguided Hydra 70 rockets were launched down the center of the range, and flew 521 and 2,600 meters, respectively.

"DAGR delivers a high-precision defensive capability to the surface combat arena when paired with the pedestal launcher and a mobile ground platform like the JLTV," said Ken Musculus, director of close combat systems at Lockheed Martin Missiles and Fire Control.

Lockheed Martin's pedestal launcher features four M299 launcher rails, associated cables and electronics, providing full compatibility with HELLFIRE® II and DAGR missiles. DAGR's rail-mounted canister attaches to the pedestal launch rails as it would on a standard HELLFIRE launcher designed for aircraft.

DAGR incorporates proven HELLFIRE II technology into a 2.75-inch/70 millimeter guidance kit that integrates seamlessly with legacy Hydra-70 rockets. The result is a laser-guided missile that puts a 10-pound warhead within one meter of the laser spot, defeating high-value, non-armored or lightly-armored targets while minimizing collateral damage. DAGR's lock-on-before launch mode ensures the missile identifies the correct target prior to launch.

Lockheed Martin has conducted 40 DAGR flight tests from ranges of 1 to 5.1 kilometers. DAGR has been launched from multiple HELLFIRE-equipped rotary-wing platforms, including the AH-64D Apache, AH-6 Little Bird and OH-58 Kiowa Warrior. It has been launched from the pedestal launcher in three guided flight tests and five flights in total.

Lockheed Martin Missiles and Fire Control is a 2012 recipient of the U.S. Department of Commerce's Malcolm Baldrige National Quality Award for performance excellence. The Malcolm Baldrige Award represents one of the highest honors that can be awarded to American companies for achievement in leadership, strategic planning, customer relations, measurement, analysis, workforce excellence, operations and business results.

Headquartered in Bethesda, Md., Lockheed Martin is a global security and aerospace company that employs about 120,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's net sales for 2012 were $47.2 billion.

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