

Lockheed Martin Demonstrates JAGM Dual-Mode Seeker In High-Speed Captive Flight Tests

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ORLANDO, Fla., Oct. 23, 2012 [/PRNewswire/](#) -- Lockheed Martin (NYSE: LMT) successfully tested its Joint Air-to-Ground Missile (JAGM) dual-mode seeker in high-speed captive flight tests, demonstrating its ability to track ground targets while flying at tactical speeds.

The company-funded tests were conducted on a Sabreliner jet at Yuma Proving Ground, Ariz. The data collected from the tests validated the maximum ranges of the seeker's millimeter wave and semi-active laser sensor modes against representative targets.

"By demonstrating the maturity of our low-cost dual-mode seeker in these captive flight tests, we are fully supporting the Army's efforts to restructure the JAGM program for greater affordability in both development and unit costs," said Frank St. John, vice president of tactical missiles and combat maneuver systems in Lockheed Martin's Missiles and Fire Control business. "Less than two months after receiving the continuing technology development contract award, we are already lowering risk by testing the dual-mode seeker our customer requires in a tactical scenario."

Under the continuing technology development contract, Lockheed Martin will qualify its JAGM guidance section equipped with a dual-mode seeker that will be manufactured on the existing HELLFIRE production line. The modularity and open architecture of Lockheed Martin's JAGM design readily support a low-risk spiral to a tri-mode seeker, should the U.S. Army desire such a capability in the future.

Lockheed Martin's JAGM draws upon a legacy of battle-tested weapons and has successfully fielded missiles with both JAGM seeker modes; the precision-strike semi-active laser on HELLFIRE® and the all-weather fire-and-forget millimeter wave on LONGBOW.

Platforms for JAGM include the U.S. Army's AH-64 Apache attack helicopter and MQ-1C Gray Eagle unmanned aerial system. Lockheed Martin's JAGM is also compatible with other HELLFIRE platforms.

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 2011 were \$46.5 billion.

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