F-16V Takes Flight

First F-16V with advanced AESA radar takes to the skies over Fort Worth

FORT WORTH, Texas, Oct. 21, 2015 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) successfully completed the maiden flight of the F-16V, the latest and most advanced F-16 on the market today. The October 16 flight marks the first time an F-16 has flown with Northrop Grumman's advanced APG-83 Active Electronically Scanned Array (AESA) Scalable Agile Beam Radar (SABR), which will deliver a quantum leap in capability for the venerable F-16.

The F-16V "Viper" advanced avionics configuration also includes a new cockpit Center Pedestal Display, a modernized mission computer, a high-capacity Ethernet data bus, and several other missions systems enhancements that collectively add significant combat capabilities to address the dynamic threat environments emerging in the coming decades.

"This flight marks a historic milestone in the evolution of the F-16," said Rod McLean, vice president and general manager of Lockheed Martin's F-16/F-22 Integrated Fighter Group. "The new F-16V configuration includes numerous enhancements designed to keep the F-16 at the forefront of international security, strengthening its position as the world's foremost combat-proven 4th Generation fighter aircraft."

The F-16V, an option for both new production F-16s and F-16 upgrades, is the next generation configuration that leverages a common worldwide sustainment infrastructure and provides significant capability improvements to the world's most affordable, combat-proven multi-role fighter.

Northrop Grumman's APG-83 SABR AESA fire control radar provides 5th Generation air-to-air and air-to-ground radar capability. Northrop Grumman also provides AESA radars for the F-22 Raptor and F-35 Lightning II.

With more than 4,550 F-16s delivered to date, the F-16V is a natural step in the evolution of the world's most successful 4th Generation fighter.

For additional information, visit our website: lockheedmartin.com/f16

About Lockheed Martin
Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 112,000 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 2014 were $45.6 billion.

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