

Boeing, US Navy Successfully Complete 1st Test of Advanced Mission Computer for Super Hornet, Growler

New AMC Type 4 boosts Navy F/A-18E/F and EA-18G computing power, performance

ST. LOUIS, Sept. 10, 2012 -- Boeing [NYSE: BA] and the U.S. Navy on Sept. 6 successfully flight tested a new mission computer that will expand the performance of the F/A-18E/F Super Hornet and EA-18G Growler.

The new Type 4 Advanced Mission Computer (AMC) increases computing power and accelerates image and mission processing functions. Those advances will support new systems being incorporated onto the aircraft, including a Distributed Targeting System, Infrared Search and Track, and a new high-definition touch-screen display.

"The Type 4 Advanced Mission Computer puts game-changing computing power directly into the hands of the warfighters who fly the Super Hornet and Growler," said Kevin Fogarty, director of Boeing F/A-18 and EA-18G Mission Systems. "Working collaboratively with the U.S. Navy and our industry partners, we are increasing combat capability with an affordable, evolutionary approach to technology advancements."

The new AMC was tested on a Navy F/A-18F during a 90-minute flight at Naval Air Weapons Station China Lake, Calif., verifying that it met critical safety and system requirements. Additional testing is planned.

Boeing will deliver to the Navy the first Super Hornets and Growlers with the Type 4 AMC in 2014. General Dynamics Advanced Information Systems is Boeing's principal supplier for development of the AMC.

The F/A-18E/F Super Hornet is a low observable, multirole aircraft that performs a multitude of missions, including air superiority, day/night strike with precision-guided weapons, fighter escort, and close air support. The EA-18G Growler is the only air combat platform that provides full airborne electronic attack capability along with the targeting and self-defense capabilities derived from the F/A-18E/F Block II Super Hornet.

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