

F/A-18 Super Hornet Block II



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F/A-18E/F Super Hornet Block II

Next-Generation Multirole Strike Fighter



The F/A-18E/F Super Hornet Block II is the world's most capable, next-generation, multirole strike fighter in production today. Built for the U.S. Navy by the industry team of Boeing, Northrop Grumman, General Electric, Raytheon, and 1,400 other suppliers, the Super Hornet Block II provides the nation and its allies an affordable multi-mission aircraft ready for today's and tomorrow's emerging threats.

The hybrid threats the nation faces today demand a combat system capable of performing a full spectrum of missions. The Super Hornet Block II delivers: air dominance, precision day/night/all-weather strike, fighter escort, close air support, suppression/destruction of enemy air defenses, reconnaissance, forward air control, maritime strike, electronic attack, cruise missile defense and tactical tanking. The Super Hornet's multi-role capability has allowed it to replace four legacy systems aboard the carrier.

The F/A-18E/F was designed around a balanced approach to survivability, incorporating low observability with internal integrated countermeasures, and high crew situational awareness to provide first-day-of-the-war capability.

The Super-Hornet Block II's unprecedented combat effectiveness is achieved through air-to-ground and air-to-air multi-sensor integration centered around the APG-79 Active Electronically Scanned Array (AESA) radar. Integrating the APG-79 AESA radar, Advanced Targeting Forward Looking Infrared (ATFLIR) system, Joint Helmet Mounted Cueing System (JHMCS), Multifunctional Information Distribution System (MIDS), advanced high capacity computer system, and state-of-the-art cockpits provides the warfighter with intuitive situational awareness.

The next-generation aerodynamic design of the Super Hornet Block II enhances combat

effectiveness, safety and training by offering unlimited angle of attack maneuvering, extreme maneuverability and exceptional combat agility. Today's Super Hornet Block II features more than 360 available weapon combinations. Eleven weapon stations carry a wide and lethal array of air-to-air and air-to-ground weapons, increasing firepower as well as mission flexibility. Two state-of-the-art GE F414-GE-400 engines power the Super Hornet Block II, delivering more than 44,000 lbs of thrust with unrestrained performance. Their modular design and full authority digital control ensures long life, high reliability, simple maintenance, and enhanced safety.

Boeing, the Navy and its industry partners are continuing to upgrade the capabilities of the aircraft to ensure Super Hornet pilots are flying one of the finest and most capable strike fighters through 2035 and beyond.

The Boeing Company

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