



F-16 Block 70/72

The World's Most Advanced 4th Generation Fighter





Meet the F-16 Block 70/72 — the World's Newest and Most Advanced Production F-16.

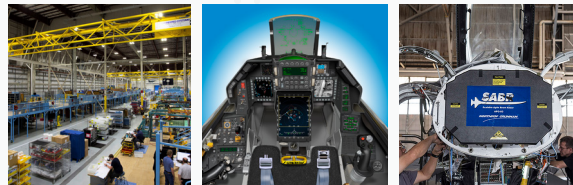
ADVANCED, INTEGRATED CAPABILITIES

The Block 70/72 features advanced avionics, a proven Active Electronically Scanned Array (AESA) radar, a modernized cockpit with new safety features, advanced weapons, conformal fuel tanks, an improved performance engine, and an industry-leading extended structural service life of 12,000 hours.

Operational capabilities are enhanced through an advanced datalink, targeting pod and weapons, Infrared Search and Track (IRST) system; precision GPS navigation and the proven life-saving Automatic Ground Collision Avoidance System (Auto GCAS). Additionally, the new Block 70/72 Modular Mission Computer combines state-of-the-art computing capabilities for weapons and avionics in a single system, which results in more capability for the pilot and jet, with less costly software upgrades over time.

ADVANCED AESA RADAR AND ELECTRONIC WARFARE SUITE

A new advanced APG-83 AESA radar delivers greater situational awareness, flexibility and quicker all-weather targeting. The APG-83 provides F-16s with 5th Generation fighter radar capabilities by leveraging hardware and software commonality with F-22 and F-35 AESA radars. The AESA is being integrated with an internal electronic warfare system (Viper Shield), which incorporates an



1. Left Photo: F-16 Production Line in Greenville, South Carolina
 2. Center Photo: New Advanced Block 70/72 Cockpit
 3. Right Photo: APG-83 Active Electronically Scanned Array (AESA) Radar

advanced Digital Radar Warning Receiver (DRWR), designed to interface with the APG-83 radar.

ENHANCED BATTLESPACE AWARENESS

The Block 70/72 features a new Center Pedestal Display (CPD), which provides critical tactical imagery to pilots on a high resolution 6" x 8" screen. The high resolution display allows pilots to take full advantage of AESA and targeting pod data. The new CPD enables color moving maps, larger and easier to manage air-to-air Situation Displays, zoom functionality with the ability to switch information among displays, and a digital display of Flight Instrument Data.

New production aircraft, structural, and capability upgrades ensure the F-16 can fly and fight to 2060 and beyond.

Block 70/72 Fast Facts

- Advanced APG-83 AESA radar
- Radar Mode improvements
- Upgraded Modular Mission Computer and avionics architecture
- Infrared Search and Track (IRST)
- Advanced datalink, targeting pod and weapons
- New cockpit displays and safety improvements
- New Digital Flight Control Computer with enhanced Autopilot/Auto Throttle
- Automatic Ground Collision Avoidance System (Auto GCAS)
- Digital Intercommunications System with 3-D Audio
- Precision GPS navigation



F-16 BLOCK 70/72

Length.....	49.3 ft/15.027 m
Height	16.7 ft/5.090 m
Speed	1,500 mph (Mach 2+)
Wingspan.....	31.0 ft/9.449 m
Empty Weight.....	20,300 lb/9,207 kg
Engine Thrust Class.....	29,000 lb/13,000 kg
Maximum TOGW	48,000 lb/21,772 kg
Design Load Factor	9 g
Service Life.....	12,000 hr

MORE THAN 3,000 F-16s CURRENTLY OPERATING IN 25 COUNTRIES



* Operators past & current