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 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.

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

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

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

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