



# F-16 Block 70/72

The World's Most Advanced 4<sup>th</sup> 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, advanced weapons, conformal fuel tanks, an advanced 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; precision GPS navigation and the life-saving Automatic Ground Collision Avoidance System (Auto GCAS).

### ADVANCED AESA RADAR

Northrop Grumman’s advanced APG-83 AESA radar delivers greater situational awareness, flexibility and quicker all-weather targeting. The APG-83 provides F-16s with 5<sup>th</sup> Generation fighter radar capabilities by leveraging hardware and software commonality with F-22 and F-35 AESA radars.



1. Left Photo: Katsuhiko Tokunaga  
2. Right Photo: Photo courtesy of the U.S. Air Force. Photographer — Bobbi Zapka. Use does not imply or constitute Department of Defense endorsement of this organization, its products or services.

### 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 2070 and beyond.

## Block 70/72 Fast Facts

- New capabilities based on the advanced F-16V configuration:
- Advanced APG-83 AESA radar
- Upgraded Modular Mission Computer (MMC) and avionics architecture
- New cockpit displays and improved controls
- Advanced datalink, targeting pod and weapons
- Precision GPS navigation
- Automatic Ground Collision Avoidance System (Auto GCAS)
- Structural life more than 50 percent beyond that of previous production F-16 aircraft



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

F-16 SELECTED BY 29 CUSTOMERS. 4,600+ PROCURED TO DATE.

