

Multirole Combat Aircraft with Delta Wing

The J-10 is a multirole combat aircraft designed for air-to-air and air-to-surface missions. Its delta wing configuration with canard foreplanes enhances maneuverability and aerodynamic performance.



Overview

Advanced Multirole Capability

This advanced 3rd-generation multirole fighter features a sophisticated delta-wing configuration with canard foreplanes, ensuring exceptional maneuverability and aerodynamic performance. Engineered for both air-to-air and air-to-surface missions, it integrates a digital fly-by-wire system and highly advanced avionics for superior operational effectiveness. The platform is designed for high reliability and survivability, offering a significant combat radius and short takeoff and landing capabilities.

Performance

Maneuverability

High Maneuverability • High Reliability • High Survivability

Key Operational Advantages

- Short takeoff and landing distance
- Large combat radius
- Supersonic speed capability
- Rapid acceleration

Technical Specifications

Avionics and Systems

- Digital Fly-By-Wire (FBW) system
- Pulse-Doppler radar
- Electronic warfare systems
- Head-up display (HUD)
- Multi-function displays (MFDs)

Armament Support

- Air-to-air missiles
- Air-to-surface missiles
- Guided bombs

Available Configurations

Single seat version, Dual seat version