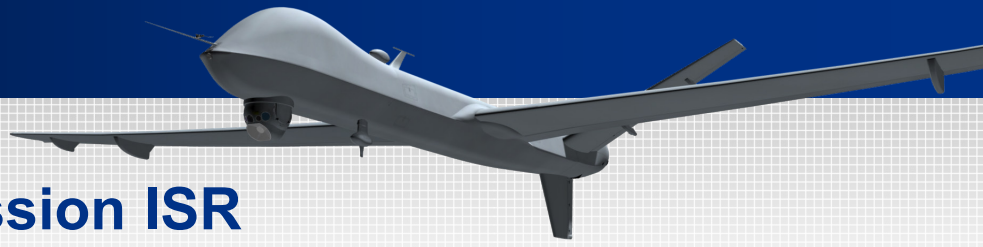


PREDATOR B

Persistent Multi-Mission ISR



Predator B



Persistent Multi-Mission ISR

OBJECTIVE

Perform multi-mission Intelligence, Surveillance and Reconnaissance (ISR) missions over land or sea.

CHARACTERISTICS

Wing Span:	66 ft (20m)
Length:	36 ft (11m)
Powerplant:	Honeywell TPE331-10
Max Gross Takeoff Weight:	10,500 lb (4763 kg)
Fuel Capacity:	3,900 lb (1769 kg)
Payload Capacity:	850 lb int. (386 kg) 3,000 lb ext. (1361 kg)
Payloads:	MTS-B EO/IR Lynx Multi-mode Radar Multi-mode maritime radar Automated Identification System (AIS) SIGINT/ESM system Communications relay
Power:	11.0 kW/45.0 kVA (Block 5) (redundant)

FEATURES

- Triple-redundant flight control system
- Redundant flight control surfaces
- Remotely piloted or fully autonomous
- MIL-STD-1760 stores management system
- C-Band line-of-sight data link control
- Ku-Band beyond line-of-sight/SATCOM data link control
- Over 90% system operational availability
- C-130 transportable (or self-deploys)

PERFORMANCE

Max Altitude:	50,000 ft (15240m)
Max Endurance:	27 hr
Max Air Speed:	240 KTAS