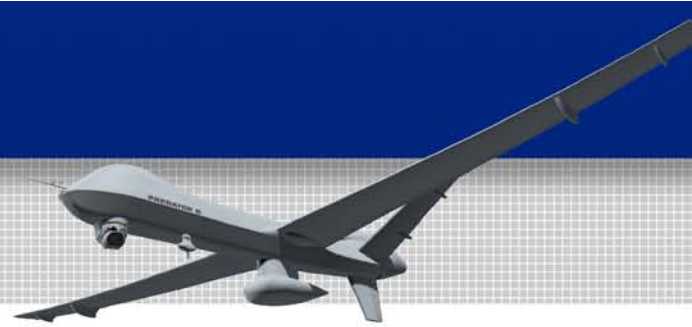


GUARDIAN

Multi-Mission Maritime Patrol





Multi-mission Maritime Patrol Aircraft

OBJECTIVE

Perform wide-area, long-endurance, maritime Intelligence, Surveillance, Reconnaissance (ISR) missions.

CHARACTERISTICS

Wing Span:	66 ft (20m)
Length:	36 ft (11m)
Powerplant:	Honeywell TPE 331-10
Max Gross Takeoff Weight:	10,500 lb (4763 kg)
Fuel Capacity:	4,000 lb (1814 kg)
Payload Capacity:	850 lb int. (385 kg) 3,000 lb ext. (1361 kg)
Payloads:	MTS-B EO/IR Raytheon SeaVue multi-mode radar Inmarsat (SATCOM) Automated Identification System (AIS) SIGINT/ESM system Dual-ARC-210 radios Dual-Wulfsberg radios TCAS (Terminal Collision Avoidance System)

FEATURES

- Triple-redundant flight control system
- Redundant flight control surfaces
- Remotely piloted or fully autonomous
- MIL-STD-1760 stores management system
- Seven external stations for carriage of payloads
- 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
Max Endurance:	30 hr
Max Air Speed:	240 KTAS