

MQ-9B SkyGuardian

Civilian Airspace Compliant



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OBJECTIVE

Perform over-the-horizon long-endurance, medium-altitude Intelligence, Surveillance and Reconnaissance (ISR) missions.

CHARACTERISTICS

Wing Span:	79 ft (24m)
Length:	38 ft (11.7m)
Powerplant:	Honeywell TPE331-10 Turboprop
Max Gross Takeoff Weight:	12,500 lb (5670 kg)
Fuel Capacity:	6,000 lb (2721 kg)
Payload Capacity:	4,750 lb (2155 kg) across 9 hardpoints (8 wing, 1 centerline) 800 lb internal (363 kg)
Power:	45 kVA
Backup Power:	2 kW

PERFORMANCE

Max Altitude:	40,000+ ft MSL
Max Endurance:	40+ hr
Max Air Speed:	210 KTAS
Max Range:	6,000+ nmi

CONTROL/DATA LINKS

Line-of-Sight:	C-Band
Over-the-Horizon:	X-, Ku-, or Ka-Band BLOS Backup Inmarsat

FEATURES

- High Definition EO/IR
- GA-ASI Lynx Multi-mode Radar
- Precision guided munitions
- Dual VHF/UHF certified radios
- DO-178 and DO-254 design assurance for software and avionics
- De-ice/Anti-ice system
- Detect and Avoid (TCAS/ADS-B and Due Regard Radar)
- STANAG 4671 compliant type certifiable design
- All weather capable including lightning protection
- Fatigue and damage tolerant airframe, 40,000 hour service life
- Automatic takeoff and land
- Fire protected engine bay
- Other customer specific payloads

MQ-9B SeaGuardian Mission Kit: (Optional)

- Multimode 360° Maritime Surface Search Radar
- Automatic Information System (AIS)



Integrated Mission and Civil Certified Avionics