

# 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 SATCOM

### 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
  - Sense and Avoid (TCAS/ADS-B/IFF – with provisions for 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