



ABOUT US

The world leader in unmanned aerial systems.

We invent and pioneer modern solutions for military, security, governance, environmental operations and more.

We support our customers with the greatest medium-altitude and small unmanned aircraft systems, and cutting-edge mission payload and exploitation technologies.

OUR MISSION

Provide persistent, versatile, affordable airborne surveillance and effects, and turn surveillance data into actionable intelligence.

MQ-9B SkyGuardian®

PERSISTENT MULTI-DOMAIN AWARENESS

MQ-9B SkyGuardian® is the next generation of remotely piloted aircraft systems (RPAS), delivering persistent intelligence, surveillance, and reconnaissance (ISR) around the globe. SkyGuardian is designed to fly over the horizon via satellite for up to 40 hours in all types of weather and safely integrate into civil airspace, enabling joint forces and civil authorities to deliver real-time situational awareness anywhere in the world—day or night. Featuring a longer wingspan than its predecessors at 79 ft (24 m), the aircraft is outfitted with the revolutionary Lynx® Multi-mode Radar, an advanced electro-optical/infrared (EO/IR) sensor, and automatic takeoff and landing capability. In addition to its industry-leading endurance and superior surveillance capabilities, SkyGuardian seamlessly integrates with its users' other platforms, systems, and podded technologies, dramatically expanding the aircraft's multi-domain mission set.

CHARACTERISTICS

WINGSPAN

79 ft/24 m

LENGTH

38 ft/11.6 m

POWER PLANT

Honeywell TPE331-10 Turboprop

MAX GROSS TAKEOFF WEIGHT

12,500 lb/5,670 kg

FUEL CAPACITY

6,000 lb/2,722 kg

PAYLOAD CAPACITY

800 lb/363 kg, internal
4,000 lb/1,814 kg, external
9 external hardpoints
(8 wing-mount, 1 centerline)

PRIMARY POWER

45 kVA

BACKUP POWER

2 kW

MAXIMUM PERFORMANCE

ALTITUDE

40,000 ft/12,192 m

ENDURANCE

40 hr

AIRSPEED

210 KTAS

RANGE

6,000 nmi

MQ-9B SkyGuardian®

PERSISTENT MULTI-DOMAIN AWARENESS



FEATURES

- Lynx® Multi-mode Radar
- High-definition EO/IR
- Precision-guided munitions
- Dual VHF- /UHF-certified radios
- DO-178 and DO-254 design assurance for software and avionics
- Detect and Avoid System (DAAS)
(including TCAS/ADS-B and Due Regard Radar)
- STANAG 4671-compliant type-certifiable design
- All-weather capable, including de-ice/anti-ice system and lightning protection
- Fatigue- and damage-tolerant airframe; 40,000-hour service life
- Automatic takeoff and landing capability
- BLOS/Dual SATCOM command and control data link
- Open and modular payload mission management system
- Optional MQ-9B mission kits:
 - » Multi-mode 360° maritime surface search radar
 - » Automatic Identification System (AIS)
 - » Anti-Submarine Warfare (ASW)
 - » Tactical and strategic SIGINT
 - » Tactical data link (Link 16)
 - » Airborne Early Warning (AEW)
 - » Communications gateway/relay



CONTACT US

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SCAN TO LEARN MORE