



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 SeaGuardian®

PERSISTENT MARITIME DOMAIN AWARENESS

MQ-9B SeaGuardian® is the maritime-focused sibling of the revolutionary SkyGuardian® remotely piloted aircraft system (RPAS) that has been missionized using “bolt-on/bolt-off” maritime sensors. SeaGuardian is designed to fly over the horizon via satellite for over 30 hours (depending on configuration) 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 maritime domain—day or night. This highly versatile maritime patrol and reconnaissance aircraft can seamlessly integrate a centerline wide-area maritime radar, an automatic identification system (AIS), electronic support measures, and a self-contained anti-submarine warfare (ASW) mission kit. SeaGuardian not only integrates the most advanced maritime intelligence, surveillance, and reconnaissance (ISR) capabilities, but it is also the first RPAS in its class to enable real-time search and patrol above and below the ocean’s surface.

CHARACTERISTICS

WINGSPAN

79 ft/24 m

LENGTH

38 ft/11.7 m

POWER PLANT

Honeywell TPE331-10 turboprop

MAX GROSS TAKEOFF WEIGHT

13,500 lb/6,124 kg

FUEL CAPACITY

6,000 lb/2,721 kg

PAYLOAD CAPACITY

800 lb/363 kg, internal
4,750 lb/2,155 kg, external
9 external hardpoints
(8 wing-mount, 1 centerline)

POWER

45 kVA

BACKUP POWER

2 kW

MAXIMUM PERFORMANCE

ALTITUDE

40,000+ ft/12,200+ m

ENDURANCE

30+ hr

AIRSPEED

210 KTAS

RANGE

5,000+ nmi (depending on configuration)

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PERSISTENT MARITIME DOMAIN AWARENESS



FEATURES

- Multi-mode 360° maritime surface search radar
- Lynx® Multi-mode Radar
- High-definition EO/IR
- Automatic Identification System (AIS)
- Dual VHF-/UHF-certified radios
- DO-178 and DO-254 design assurance for software and avionics
- Detect and Avoid System (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:
 - » Anti-Submarine Warfare (ASW)
 - » Tactical and strategic SIGINT
 - » Tactical data link (Link 16)
 - » Airborne Early Warning (AEW)
 - » Communications gateway/relay



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SCAN TO LEARN MORE