

# MQ-9B SeaGuardian

PERSISTENT MARITIME DOMAIN AWARENESS



**MULTI-MODE 360° MARITIME SURFACE SEARCH RADAR**



**INTELLIGENCE, SURVEILLANCE & RECONNAISSANCE**



**DETECT AND AVOID SYSTEM**



**HIGH DEFINITION EO/IR**



**AUTOMATIC IDENTIFICATION SYSTEM**



**LIGHTNING PROTECTION & DE-ICE/ANTI-ICE SYSTEMS**

## OTHER FEATURES

- GA-ASI Lynx Multi-Mode Radar
- Triple Redundant Navigators and Flight Computers
- Dual Redundant Flight Control Surfaces
- Open Architecture Mission System
- Dual VHF/UHF certified radios
- SATCOM ATLC short runway capability
- Reduced operating footprint and manning
- STANAG 4671 compliant type certifiable design
- Fire protected engine bay
- All weather capable

- Fatigue and damage tolerant airframe
- 40,000 hour service life
- DO-178 Avionics/DO-254 Software DAL Compliance

### EXPANDED MISSION CAPABILITY:

- Anti-Submarine Warfare (ASW)
- Airborne Early Warning (AEW)
- Long Range SAR & MTI
- Missile Defense
- Communications Gateway & Relay



Airborne Situational Awareness  
24/7, Worldwide





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## CHARACTERISTICS

WING SPAN	79 ft	24 m
LENGTH	38 ft	11.7 m
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 (9 external hardpoints) 800 lb internal	2155 kg 363 kg
POWER	45 kVA	
BACKUP POWER	2 KW	

## MAXIMUM PERFORMANCE

ALTITUDE	40,000+ ft MSL
ENDURANCE	30+ hr
AIR SPEED	210 KTAS
RANGE	5,000+ NMI (depending on config.)

## CONTROL / DATA LINKS

LINE-OF-SIGHT	C-Band
OVER-THE-HORIZON	X, Ku- or Ka-band Primary SATCOM, Inmarsat or Ka-band Secondary SATCOM
TACTICAL	Link-11 and Link-16