



Maritime Surveillance Aircraft



# A NEW GENERATION OF MARITIME SURVEILLANCE

Speed, Capability, Persistence

## Maritime Surveillance Aircraft



INMARSAT  
 ESM  
 AIS  
 Wideband LOS comms  
 Rockwell Collins Pro Line 21  
 Integrated Avionics System  
 HUD with enhanced vision system  
 360° AESA Multi-Mode Radar  
 (Search, Small Target Detection, SAR,  
 ISAR, GMTI, Pollution Detection)  
 COMINT  
 EO/IR  
**Options:**  
 Wing pylons  
 UAV Interoperability  
 Wideband SATCOM



### Technical Specifications

<b>Wing Span</b>	64 ft, 6 in	19.6 m
<b>Height</b>	20 ft, 8 in	6.30 m
<b>Length</b>	68 ft, 5 in	20.85 m
<b>Propulsion</b>	Two GE CF34-3B	
Thrust	8,729 lb	3,959 kg
<b>High-Speed Cruise</b>	M 0.80+	459+ ktas
<b>Ceiling</b>	41,000 ft	12,497 m
<b>Crew</b>	2 pilots, 3 mission crew (option for 5 mission crew)	
<b>Max Gross Takeoff Weight</b>	48,200 lb	21,863 kg
<b>Endurance</b>	8+ hr maritime and overland surveillance	

## Advanced, proven, cost-effective.

The Boeing Maritime Surveillance Aircraft (MSA) advances the state of the art for long-range, persistent maritime surveillance by leveraging and applying advanced, proven and fielded ISR capabilities from Boeing P-8, AWACS and AEW&C aircraft and carefully chosen sensors.

- **World-class, long-endurance Bombardier Challenger 605 business jet platform** with the latest avionics means reliable, cost-effective operations for Maritime Surveillance, Anti-Piracy, EEZ patrol, overland ISR, long-range Search and Rescue and other strategic missions.
- **P-8 derivative mission system, with dual-screen multi-touch mission crew workstations**, that

integrates multi-sensor detections and data into a real-time picture to broaden situational awareness for maximum mission effectiveness.

- **MSA employs leading-edge sensors, interoperable data links, high-bandwidth line-of-sight and over-the-horizon communications** to collect, process, exploit and disseminate actionable intelligence products to national and coalition forces.
- **Complete sensor set** that includes an AESA multi-mode radar, high definition EOIR, advanced ESM, state-of-the art COMINT and AIS to cover the full range of maritime and overland surveillance and intelligence collection missions.

- **Interior configuration is versatile and reconfigurable** to provide simultaneous or standalone surveillance, executive transport and/or Medevac capabilities.

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