



BOEING



P-8

Proven Multimission, Multidomain Capability





PROVEN • AFFORDABLE • RELIABLE • OVERSEA • OVERLAND • OVERALL

Multimission Maritime Aircraft

With surveillance and reconnaissance, search and rescue, and long-range anti-submarine capabilities, the P-8 is the most capable multimission aircraft deployed around the world, protecting seas and securing borders. A proven system with more than 100 aircraft in service and over 300,000 flight hours. The P-8's performance and reliability delivers confidence in an uncertain world — in any condition, anywhere, anytime.

Technical Specifications

Wingspan	123.6 ft	37.64 m
Height	42.1 ft	12.83 m
Length	129.6 ft	39.50 m
Propulsion thrust, each	CFM-56-7BE (2) 27,300 lb	121.44 kN
Max speed	490 kt 564 mi/h	459+ ktas 907 km/h
Ceiling	41,000 ft	12,496 m
MGTW	189,200 lb	85,820 kg
Range	1,200+ nm with >4 hr time on station, 2,225+ km	
Weapon stores compatibility	129 A-size sonobuoys Harpoon MK-54 Survival kit	

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Anti-Submarine Warfare

The P-8 executes anti-submarine warfare (ASW) through an integrated sensor suite to conduct search, detection, classification, localization, tracking and attack of submarines. The P-8 utilizes a state-of-the-art acoustics sensor suite, sonobuoys, electronic support measures (ESM), inverse synthetic aperture radar (ISAR) and the delivery of torpedoes for sub-hunting.

Anti-Surface Warfare

The P-8 executes antisurface warfare (ASuW) through elegant communications and data link systems. This integrated sensor suite conducts search, detection, classification, localization, tracking and attack of naval surface targets, utilizing ESM and intelligence, surveillance and reconnaissance (ISR) and delivering of Harpoon missiles.

Maritime ISR

The P-8 accomplishes maritime ISR through a proven sensor suite of radar with ISAR, synthetic aperture radar (SAR), periscope, search and navigation.

These systems are optimized for combat ready maritime patrol in detecting, locating and tracking surface and undersea targets.

Overland ISR

The P-8 has the proven capability to effectively conduct overland ISR and battle space control (C2) of land forces using its advanced mission system, data link and electro-optical/infrared sensor suite.

Communications

The P-8 has a full complement of radio frequency communications via Link 11 and 16 to support coordination of operations. This includes wideband satellite communications with ground stations that enable interoperability with allies and partner nations.

Search and Rescue

With its advanced sensors and long endurance, further enhanced by in-flight refueling, the P-8 can search and deliver rescue stores in large ocean and overland areas quickly at high and low altitudes. This includes the carriage and release of the UNI-PAC search and rescue survival kit.

Innovative Solutions

The P-8 combines the most advanced weapon system in the world with the cost advantages of the most popular airliner on the planet. The P-8 shares 86% commonality with the commercial 737NG, providing enormous supply chain economies of scale in production and support. Boeing's expertise in commercial fleet management and derivative aircraft sustainment provides customers with greater availability at a lower operational cost.

Integrated Support

The P-8 provides high levels of fleet availability while reducing life-cycle cost. Our One Boeing solutions are leveraged for training, sustainment and service support. This included supply chain, global support, field service, data/tech publications, spares and repairs, modifications and retrofits.

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