



Acquisition
Directorate



HC-144 MEDIUM RANGE SURVEILLANCE AIRCRAFT

CHARACTERISTICS

Length

70 feet 2 inches

Wingspan

84 feet 8 inches

Height

26 feet 10 inches

Maximum Weight

36,380 pounds

Cruise Speed

215 knots true airspeed

Range

2,100 nautical miles

Endurance

10+ hours

The HC-144 Ocean Sentry provides maritime patrol capabilities as part of the Coast Guard's medium range surveillance aircraft fleet. The fixed wing turboprop aircraft's extensive sensor capabilities and over 10 hours of flight time help the service perform its drug and migrant interdiction, disaster response and search and rescue missions more effectively. The HC-144's cockpit affords superior situational awareness. Tactical communications enable crews to track, manipulate and transfer contact information to multiple responding units. The rear ramp allows the aircraft to be reconfigured for varied operations, including command and control, medical evacuation or cargo transport.

The Coast Guard has upgraded its 18 HC-144As to improve mission effectiveness through the Ocean Sentry Refresh (OSR) project. Each aircraft received a new cockpit control display unit, used as the primary avionics computer for communication control, navigation and equipment monitoring, and has been re-designated as an HC-144B. The service is also integrating the Minotaur mission system across its fixed wing surveillance aircraft. Minotaur integrates multiple sensor data streams and easily tracks detected targets to send information to other platforms and units. The Coast Guard completed OSR modifications and integration of the Minotaur mission system on the HC-144 fleet in June 2024.

FEATURES

- Standardized Minotaur mission system across Coast Guard fixed-wing surveillance aircraft
- Glass cockpit instrument panel, autopilot and avionics suite
- Multimode search radar and electro-optical/infrared sensors
- Mission data recording and a first responder/law enforcement and maritime communications suite
- Airborne Automatic Identification System
- Secure and nonsecure voice and data using satellite communications
- Automatic Dependent Surveillance – Broadcast

HC-144B Locations



For updates on the HC-144, visit the program's website at www.dcms.uscg.mil/acquisition