HC-144A MEDIUM RANGE SURVEILLANCE AIRCRAFT

CHARACTERISTICS

- Number Planned: 18
- Length: 70 feet 2 inches
- Wingspan: 84 feet 8 inches
- Height: 26 feet 10 inches
- Maximum Weight: 36,380 pounds
- Speed: 236 knots
- Range: 2,040 nautical miles
- Endurance: > 10 hours

FEATURES

- Glass cockpit instrument panel, autopilot and avionics suite
- Mission Systems Pallet components complement the capabilities and equipment on the Coast Guard’s Long Range Surveillance aircraft. Efforts are under way to develop a standardized mission system for all Coast Guard fixed wing aircraft.
- 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 non-secure voice and data using satellite communications contribute to the common operating picture

PROGRAM DESCRIPTION

The HC-144A Ocean Sentry provides maritime patrol capabilities as part of the Coast Guard’s Medium Range Surveillance Aircraft fleet, in combination with the C-27J.

The HC-144A cockpit provides superior situational awareness, allowing crews to better concentrate on their missions. The roll-on/roll-off Mission Systems Pallet’s tactical communications and contact monitoring enable operators to collect, manipulate and communicate information to other aircraft, surface vessels and shore commands.

The HC-144A also has operational flexibility, with a rear ramp that allows crews to quickly reconfigure the aircraft for varied missions such as command and control, medical evacuation or passenger transport. With an endurance of more than 10 hours, this fixed-wing, turbo-prop aircraft has an extensive sensor capability that helps the Coast Guard fulfill its maritime patrol, drug and migrant interdiction, disaster response, and search and rescue missions more effectively.

The HC-144A is fully operational out of air stations at Cape Cod, Massachusetts, Mobile, Alabama, and Miami. The final operational site, Corpus Christi, Texas, has one aircraft and is scheduled to reach full operational capability with three aircraft in 2015.

Mission execution begins here.

DELIVERY MAP

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For updates on the HC-144A, visit the program’s website at http://www.uscg.mil/acquisition/mrs/