



Acquisition Directorate

HC-144A MEDIUM RANGE SURVEILLANCE AIRCRAFT

Mission execution begins here.

PROJECT DESCRIPTION:

The HC-144A Ocean Sentry Medium Range Surveillance aircraft is becoming the Coast Guard's primary maritime patrol aircraft and is already fully operational out of air stations at Mobile, Ala., and Miami. 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 (MSP) 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.

For updates on the HC-144A, visit the project's website at <http://www.uscg.mil/acquisition/mrs/>.



HC-144A Ocean Sentry

"The HC-144A was one of the first responders to the Deepwater Horizon oil rig explosion in 2010. The sensors in its Mission Systems Pallet provided a nearly continuous flow of vital information to our operational commanders."

*—Adm. Robert J. Papp Jr.,
Commandant, U.S. Coast Guard*

FEATURES:

- State-of-the-market glass cockpit instrument panel, autopilot and avionics suite
- MSP components complementing capabilities and equipment on the HC-130H/J Long Range Surveillance aircraft
- Multimode search radar and electro-optical/infrared sensors
- Mission data recording and a first responder/law enforcement and maritime communications suite
- Secure data encryption capabilities
- Airborne Automatic Identification System
- Voice, data and satellite communications to contribute via a networked command and control system to a common operating picture

CHARACTERISTICS:

- Number Planned:** 36
- Length:** 70 feet 3 inches
- Wingspan:** 84 feet 8 inches
- Height:** 26 feet 10 inches
- Maximum Weight:** 36,380 pounds
- Speed:** 236 knots
- Range:** 2,305 nautical miles
- Endurance:** >10 hours
- Crew:** five