HC-130H/J LONG RANGE SURVEILLANCE AIRCRAFT

FEATURES

- Real-time tracking and Rescue 21 integration to enhance common operating picture and maritime domain awareness
- Advanced radar and electro-optical/infrared sensors for search and rescue, law enforcement and intelligence gathering missions; efforts are under way to develop a standard mission system for all Coast Guard fixed wing aircraft
- Commonality of command, control, communications, computers, intelligence, surveillance and reconnaissance components and capabilities with those on the Coast Guard’s Medium Range Surveillance aircraft
- The Coast Guard’s Super Hercules is the first HC-130 aircraft in the world with a 360-degree, belly-mounted, multimode surface search radar

The Coast Guard’s HC-130H Hercules and HC-130J Super Hercules Long Range Surveillance aircraft provide heavy air transport and meet long-range maritime patrol requirements in vast areas of responsibility. Upon project completion, the Coast Guard will have a fleet of 22 new, fully missionized HC-130J aircraft to replace the existing fleet of older HC-130Hs.

The Coast Guard has six HC-130Js in operation. The seventh and eighth aircraft have been delivered and are being outfitted to complete Coast Guard missions. One more aircraft will be delivered and start the missionization process in 2015. The 10th and 11th aircraft are under contract, with delivery expected in 2016 and 2017.

The HC-130J’s improved engine and propellers provide a 20 percent increase in speed and altitude, a 35 percent increase in range and a 50 percent increase in endurance over the HC-130H. The HC-130J also has a modern, integrated cockpit with a digital flight management system and an enhanced cargo-handling system. Once missionized, the HC-130J features a nose-mounted electro-optical/infrared camera, flight deck installed dual-mission system operator stations and the world’s first C-130 belly-mounted surface search radar.

For updates on the HC-130H/J, visit the program’s website at http://www.uscg.mil/acquisition/lrs/