

HC-130J LONG RANGE SURVEILLANCE AIRCRAFT



Acquisition Directorate

CHARACTERISTICS

Length:	97 feet 9 inches
Wingspan:	132 feet 7 inches
Height:	38 feet 11 inches
Maximum Weight:	155,000 pounds
Cruise Speed:	320 knots true airspeed
Range:	4,900 nautical miles
Endurance:	20+ hours



HC-130J Super Hercules



FEATURES

- Standardized Minotaur mission system across all Coast Guard fixed-wing aircraft (under development)
- 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; 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
- Commonality of command, control, communications, computers, intelligence, surveillance and reconnaissance components and capabilities with those on the Coast Guard's medium range surveillance aircraft

PROGRAM DESCRIPTION

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

The HC-130J's improved engine and propellers provide a 14 percent increase in speed and a 40 percent increase in range and 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.

The Coast Guard has six HC-130Js in operation; one is currently operating without Coast Guard-specific equipment. Two additional aircraft are being outfitted with the current mission system, and one is being used as the HC-130J prototype for the Coast Guard's new standardized mission system, which includes the Naval Air Systems Command Minotaur mission control processor. The 10th, 11th and 12th aircraft are under contract, with delivery of base configuration aircraft expected in 2016, 2017 and 2019. Funding for a 13th aircraft has been included in the Fiscal Year 2016 Department of Homeland Security Appropriations Act.

Mission execution begins *here*.

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

U.S. COAST GUARD
January 2016
www.uscg.mil/acquisition

DELIVERY MAP

