

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.

Additionally, the Coast Guard has

initiated efforts to implement a new standardized mission system, which includes the next-generation Navy Minotaur mission control processor to incorporate the radar, sensors and other equipment, across the HC-130J fleet.

The Coast Guard has accepted delivery of eight Super Hercules aircraft. Six are operational HC-130Js. One delivered aircraft has been designated as a Minotaur prototype, and another has entered the Minotaur program.

One more LRS aircraft is being configured to meet legacy missionization requirements and will be delivered to the Coast Guard later this year.

Aircraft 10-13 are under contract, with delivery of base configuration aircraft expected in 2017, 2018 and two in 2019.

Mission execution begins *here*.

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

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www.uscg.mil/acquisition

DELIVERY MAP

