

# 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 (installation in progress)
- 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 C-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-130Js to replace the legacy 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.

Additionally, the Coast Guard has initiated efforts to implement a new standardized mission system across the HC-130J fleet, which includes the Minotaur mission control processor to incorporate the radar, sensors and other equipment. 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 accepted delivery of 11 Super Hercules aircraft. Six are located in Elizabeth City, North Carolina: four with Minotaur and two with the legacy mission system. Three have entered the Minotaur integration program at L3 Technologies' Integrated Systems Platform Integration Division in Waco, Texas, and one is undergoing a block upgrade at Lockheed Martin facilities in Greenville, SC. The Coast Guard transferred one HC-130J Super Hercules long range surveillance aircraft, CGNR-2009, to Air Station Kodiak, Alaska, Aug. 21, 2018. The aircraft is the first of five HC-130Js that will replace the five HC-130H aircraft stationed at Kodiak.

Aircraft 12-14 are under contract, with delivery of two base configuration aircraft expected in 2019 and one in 2020.

For updates on the HC-130J, visit the program's website at

<http://www.dcms.uscg.mil/Our-Organization/Assistant-Commandant-for-Acquisitions-CG-9/Programs/Air-Programs/LRS-HC-130J/>

Mission execution begins *here*.



U.S. COAST GUARD  
September 2018  
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