

C-27J MEDIUM RANGE SURVEILLANCE AIRCRAFT



Acquisition Directorate

CHARACTERISTICS

Length:	74 feet 6 inches
Wingspan:	94 feet 2 inches
Height:	31 feet 8 inches
Maximum Weight:	70,000 pounds
Cruise Speed:	290 knots true airspeed
Range:	2,675 nautical miles
Endurance:	12 hours



C-27J Spartan



FEATURES

- Standardized Minotaur mission system across all Coast Guard fixed-wing aircraft (under development)
- Electro-optical/infrared sensors
- Military communications
- Multimode radar
- Large search windows
- Night vision goggle capabilities

PROGRAM DESCRIPTION

The C-27J Spartan is being integrated into the Coast Guard's medium range surveillance aircraft fleet, alongside the HC-144 Ocean Sentry. The aircraft will be instrumental in helping the Coast Guard fulfill its maritime patrol, drug and migrant interdiction, disaster response, and search and rescue missions more effectively. The C-27J will also mitigate the gap in maritime flight hours the service currently faces.

The Coast Guard is missionizing 14 C-27Js received from the Air Force under the fiscal year 2014 National Defense Authorization Act. As delivered, the C-27Js are outfitted with weather radar and communications equipment capable of supporting transport and other Coast Guard missions. The Coast Guard is working with Naval Air Systems Command to determine which additional specialized equipment should be installed to enhance and expand the aircraft's capabilities to detect, classify and identify maritime targets. The C-27J missionization package is based on the Minotaur mission

system architecture that the Coast Guard is implementing across the rest of its fixed-wing fleet. The first Spartan entered the mission system integration process at Naval Air Station Patuxent River, Maryland, in September 2017.

The HC-27J Asset Project Office (APO) at Elizabeth City, North Carolina, is conducting the acquisition and missionization of the aircraft. The APO's missions include development of Coast Guard-specific crew duties, procedures, technical manuals, curricula, and test and evaluation reporting.

All 14 aircraft have been delivered following a regeneration process to bring them out of long-term storage. Air Station Sacramento, California, is the first operational unit using C-27Js and began operating with its full complement of aircraft after delivery of its sixth Spartan on May 1, 2017. Seven aircraft are stationed at the APO.

Mission execution begins *here*.

DELIVERY MAP



For updates on the C-27J, visit the program's website at <http://www.dcms.uscg.mil/Our-Organization/Assistant-Commandant-for-Acquisitions-CG-9/Programs/Air-Programs/MRS-HC-144-C27J/C-27J-Program-Profile/>

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