

# 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 also will mitigate the gap in maritime flight hours the service currently faces.

The Coast Guard is regenerating and missionizing 14 C-27Js received under the fiscal year 2014 National Defense Authorization Act. Envisioned modifications will enhance the aircraft's current capability to detect, classify and identify maritime targets.

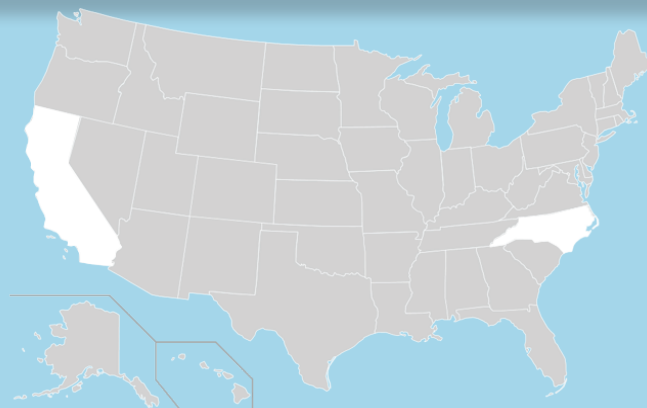
The HC-27J Asset Project Office (APO) at Elizabeth City, North Carolina, is conducting the acquisition and missionization of the aircraft. The APO's missions include development of Coast Guard-specific crew duties, procedures, technical manuals, cur-

ricula, and test and evaluation reporting. Ten aircraft have gone through the regeneration process to bring them out of long-term storage. The remaining four aircraft are scheduled to complete regeneration by 2018. Air Station Sacramento, California, is the first operational unit using C-27Js and received its fourth of six Spartans to reach initial operational capability July 1, 2016.

The Coast Guard is working with Naval Air Systems Command (NAVAIR) to determine which additional specialized equipment should be installed to enhance and expand the aircraft's capabilities. The C-27J program received approval from the Department of Homeland Security on Oct. 20, 2016, to proceed with mission systems integration and continue its work with NAVAIR. The C-27J missionization package is based on the Minotaur mission system suite that the Coast Guard is implementing across the rest of its fixed-wing fleet.

Mission execution begins *here*.

DELIVERY MAP



For updates on the C-27J, visit the program's website at <https://www.uscg.mil/acquisition/mrs/>

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[www.uscg.mil/acquisition](http://www.uscg.mil/acquisition)