

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)
- 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 in Elizabeth City, North Carolina, is conducting the acquisition and missionization of the aircraft. The APO's missions include de-

velopment of Coast Guard-specific crew duties, procedures, technical manuals, curricula, and test and evaluation reporting.

Nine aircraft have gone through the regeneration process to bring them out of long-term storage. 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. All aircraft are scheduled to complete the regeneration process by 2018. 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 and completed a system requirements review Aug. 10, 2016. The review indicates that the Coast Guard and NAVAIR agree on the missionization package requirements and that initial systems development can begin.

Mission execution begins *here*.

DELIVERY MAP



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

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