

Special Missions: Cessna's Fixed-Wing Options

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For over 80 years, Cessna Aircraft Company has established the standard for producing general aviation aircraft by delivering more than 5,700 Citation jet and 154,000 single-engine piston, 16,000 multi-engine and 1,800 Caravan turboprop aircraft.

Although the missions for these aircraft through the years have been diverse, the aircraft requirements have been remarkably consistent. Cessna's line of proven and highly adaptable aircraft is well suited to fit most any requirement. From the Skyhawk to the Citation X, Cessna's aircraft offer a balance of speed, range and configurability for accomplishing the mission at hand.

Mission Flexibility

Many people think rotorcraft when talking about "special missions." Few realize that a Cessna fixed-wing aircraft makes a great alternative or perfect stable-mate for traditional rotorcraft operations. Cessna's aircraft can provide quicker dash times, longer on-site loiter capability and lower noise signatures all at a reduced direct operating cost than most traditional platforms. In addition, a Cessna also provides the flight and performance characteristics that many aviators have come to love, such as stability and ease of flight at high and low speeds, the ability to operate into and out of short airfields and greater fuel efficiencies that reduce overall mission costs.

Cessna single-engine piston aircraft reserve extra panel space for such items as police radios or surveillance monitors, and the high-wing configuration is ideal for an unobstructed surveillance view. There are extensive aftermarket options that can be seamlessly integrated into the Cessna piston line. Among the most popular options are forward-looking infrared (FLIR) systems and pods for surveillance. There are also multiple seat configurations that support special missions work.

Technology is advancing rapidly, and many agencies are now using special missions aircraft to tie into a greater surveillance and security network. It is possible to broadcast the images gathered by a surveillance aircraft to ground based locations for instantaneous evaluation and planning. Cessna high-wing aircraft are being used as unmanned aviation vehicles for use in border patrol and potentially high-risk venues.

Cessna's single-engine fleet is hard at work performing a variety of surveillance missions. Here are just a few of the law enforcement agencies flying single-engine piston Cessna aircraft:

- California Highway Patrol
- Iowa State Police
- Ohio State Police
- U.S. Marshals
- U.S. Drug Enforcement Administration

- Houston Police Department
- Pennsylvania State Police
- Tennessee Bureau of Investigation
- Illinois State Police
- Kansas Highway Patrol
- U.S. Border Patrol
- Utah State Police

The Civil Air Patrol also chose Cessna propeller aircraft for their special missions needs. The patrol performs search and rescue, disaster relief and aerospace education all from the capable platform of a Cessna aircraft. Many federal agencies that fly Cessna aircraft have requested anonymity, and we gladly honor that request.

Citation Special Missions

Business jets are employed for a number of applications that are not all that much about business. Those special missions typically include such activities as air ambulance, aerial photography, airways calibration, dedicated training and surveillance and patrol.

Every special mission category is unique, and so are many of the circumstances of each organization that performs those missions. With 10 different Citation models from which to choose, when you're looking for the jet aircraft ideally suited to your own special missions, you are certain to find it in the Citation.

Caravan Special Missions

Caravans have distinguished themselves in special mission applications, scheduled airline and commuter service, and operations on unimproved, short runways. In fact, the Caravan is the only single-engine aircraft approved by the U.S. Postal Service to carry the U.S. Mail. The Caravan combines a 99.8 percent dispatch reliability with a level of versatility unmatched in general aviation.

The cabin has a wide, flat floor that is ideal for accommodating any type of equipment or supplies. For surveillance or search and rescue missions, sophisticated video, still photography and FLIR camera systems can be installed. Many Caravan operators are now using these systems for border patrol, drug interdiction or day/night surveillance. For patrolling and surveillance of beaches, rivers and lakes, the Caravan Amphibian is ideal.

Propeller & Mustang Avionics

All new propeller aircraft and the Citation Mustang are equipped with state-of-the-art Garmin G1000 glass cockpits. The G1000 avionics with integrated Synthetic Vision Technology provides unsurpassed situational awareness for most special missions needs. Having a unified avionics system across our propeller aircraft line will provide a measure of comfort and safety to any pilot who flies a Cessna aircraft.

Included in the G1000 is Garmin's GFC 700 fully integrated flight control system. With innovative features including airspeed hold, overspeed protection, pitch hold and coupled VNAV, the GFC 700 provides precise lateral and vertical guidance. Every component of this state-of-the-art system is designed to provide maximum safety and reliability.

Service & Support

Commitment to customers extends beyond the design and manufacture of the highest-quality aircraft. Unsurpassed customer service is a hallmark of Cessna's success. Cessna has strategically positioned more than 400 authorized service stations in more than 18 countries to provide aircraft maintenance support around the globe. Most locations offer dedicated 24-hour-a-day, 7-day-a-week coverage across a broad spectrum of services. You can be certain that if your aircraft is in need of service, someone will be there to help return you to mission ready status.

At Cessna, we take the phrase "special missions" very seriously. With us, it's more than an expression. It's an apt description of how passionate we are about providing you with exactly what you need to fulfill your unique set of requirements. Cessna is leading the way by providing you with the best platforms in the sky for your special mission.