

Acquisition Aircraft



Cessna 441 Conquest II-10

Number of Aircraft: 4
Engine: Twin-turbine pressurized
Flight Range: 2,193 nm
Operating Ceiling: 35,000'
Cruise Speed: ~310 knots



Cessna 414 Chancellor III

Number of Aircraft: 1
Engine: Twin-piston pressurized
Flight Range: 900 nm
Operating Ceiling: 30,200'
Cruise Speed: ~235 knots



Cessna 335 II

Number of Aircraft: 1
Engine: Twin-piston pressurized
Flight Range: 928 nm
Operating Ceiling: 26,800'
Cruise Speed: ~215 knots



Cessna TU-206F Turbo Stationair

Number of Aircraft: 4
Engine: Single-engine
Flight Range: 720 nm
Operating Ceiling: 26,300'
Cruise Speed: ~148 knots

Acquisition Aircraft

Fixed Wing Aircraft

Surdex is widely regarded by clients and colleagues as one of the premier aerial acquisition companies in North America.

- All of our aircraft are owned and operated by Surdex.
- All of our aircraft are made by Cessna, standardizing maintenance, repair, inspection, operation, and training.
- Our aircraft have the ability to host any of our aerial data acquisition instruments (film camera, digital imaging sensors, LiDAR).
- Our fleet consist of a mix of slower/lower and faster/higher aircraft to address our versatile acquisition equipment and maximize our resources.

Versatile Aircraft

The Cessna 441 (Conquest) aircraft are the highest performing and most versatile aircraft in the fleet for imagery acquisition operations. They can fly slow (less than 150 knots) or fast (300+ knots), stay aloft for up to seven hours, and ferry non-stop to any point in the lower 48 states from our home base. Their pressurized environment ensures comfortable conditions for the crew as well as a stabilized environment for the sensors. The RVSM equipment and advanced radar allow us to ferry safely at night. With their ability to quickly move around the country, the Conquests handle our widely diverse projects during the hectic spring and summer flying seasons.



Aircraft Facilities

Surdex's aircraft are housed in our 18,000 square foot hangar at Spirit of St. Louis Airport, only blocks from Surdex's headquarters in the St. Louis area.



Maintenance and Repair

Surdex's full-time aircraft maintenance staff is certified for A&P (Aircraft and Powerplant) with Inspection Authorization (IA) to support our fleet. This staff is qualified and licensed to perform FAA-mandated inspections, maintenance, and repair. We therefore are not reliant on the schedule and cost of third parties. We have even transported maintenance personnel to project areas to perform inspection, maintenance, or repair in the field.



Your Strategic Geospatial Resource

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