EDCON-PRJ

A Cessna C-180 (Reg. N8814X) provided by Cloudstreet Flying Service will be utilized for this project. EDCON-PRJ has an eight year working history with Cloudstreet Flying Service, having jointly completed over 70 similar fixed-wing magnetometer projects throughout the western United States.

Cloudstreet Flying Service Cessna 180 Survey Aircraft

The aircraft has been extensively modified to increase its performance on draped aeromagnetic surveys. The engine is a high-performance Continental O-520 creating 308 horsepower. This engine is the typical engine used in the much bigger and heavier Cessna 206. The increased power to weight ratio of the aircraft results in a sustained climb rate of 1100 feet per minute at 70 mph.

The aircraft also has a STOL modification kit, which gives it better stability, climb and dive, and control characteristics while on survey operations. The carbon-fiber tail stinger, which measures 3.0 meters from aircraft tail to magnetometer sensor pod, isolates the sensor from vibration and noise sources.