



INFORMATION & CAPABILITIES



Duncan Aviation's Accessories shop has one of the fastest turntimes in the industry with the highest quality of repairs as well as overhauls. We are authorized as sales, service and support for multiple component and equipment manufacturers with a warranty up to 24 months. All accessory test equipment is calibrated using NIST certificate traceability.

BATTERIES

- Lead acid (sealed & flooded)
- Nicad (sealed & flooded)
- Mainship
- Emergency power supplies
- 7 techs, 3 shifts/7-day coverage

ELECTRONICS

- Servos/inverters/converters
- Master warning boxes
- Control panels
- Landing gear wire harnesses
- Wheel speed transducers
- Strokes/power supplies/lighting
- Aircraft generators
- 7 techs, 2 shifts/7-day coverage

HYDRAULIC/PNEUMATICS

- Skydrol/5606
- Hydro-Static testing of bottles
- Fuel pumps & valves
- Actuators
- Maxarets/anti-skid systems
- Hydraulic pumps & valves
- Wheels & brakes
- Outflow valves
- High pressure/High volume air flow
- Thrust reverser components / motors
- Air system components
- 12 techs, 2 shifts & weekend callout

ELECTROMECHANICAL

- Stab actuators
- Mechanical actuators
- Starters, generators & starter/generators
- Power relays
- Gear boxes
- 9 techs, 2 shifts & weekend callout

LANDING GEAR

Overhaul, inspection and repair capabilities on:

- Beechcraft
- Cessna
- Embraer
- Learjet
- Challenger
- Global
- 6,000 square-foot shop
- 15 techs, 3 shifts/7-day coverage

MACHINING & WELDING

Welding Services/Specialties

- Five AWS D17.1 certified gas tungsten arc welders (Tig)
- On-site AWS Certified Welding Inspector
- Support equipment fabrication & component repairs

Welding Material Capabilities/Class A Welding Certification

- Stainless, Aluminum, Titanium
- Carbon & low alloy steels
- Heat Treatable steels, including 4130
- Cobalt & Nickel-based alloys

Machining In-House Equipment/Capabilities

- 4 axis enclosed CNC: 60"x30"x20" envelope
- Aluminum heat treat capabilities: 24" x 24" envelope
- 3-axis tool room/CNC machining: 50" x 25" x 24" envelope
- CNC tool room lathe and NC Mills
- Onsite Learjet MLG Trunnion repair

PROTOTYPE AND DESIGN

Service Capabilities

- Prototype to production
- CAD/SolidWorks modeling/AutoCAD drafting