



EXTENSIVE EXPERTISE

Pentastar Aviation® has extensive experience in aviation Maintenance, Repair and Overhaul (MRO) services. Boasting a state-of-the-art 130,000-square-foot maintenance facility equipped with two overhead cranes, heavy duty work stands, and complete aircraft shoring capabilities – the skilled technicians at Pentastar routinely perform engine changes, structural repairs, wing demates, as well as horizontal and vertical stabilizer removals. Pentastar knows keeping your aircraft running at peak performance with minimal downtime is a top priority. With capabilities including routine inspections, unique major repairs and alterations, technical evaluations, and FAR Part 91 and 135 conformity inspections, you can be assured you will be back in the air as quickly as possible.

Private Aircraft Airframe Maintenance

The Pentastar Aviation Maintenance Department holds FAA repair station Class 3 and 4 Airframe Ratings, which allow maintenance to be performed on aircraft from all manufacturers, including Bombardier®, Dassault®, Embraer®, Gulfstream®, and Textron®.

Pentastar holds Federal Aviation Administration (FAA) approved repair station certificate BTVR 626C and is a European Aviation Safety Agency (EASA) approved repair station.

Engine & APU Service

Pentastar Aviation performs engine removal and reinstallation, engine line maintenance, engine troubleshooting, and video borescopes on the following aircraft engines:

- Rolls Royce® – BR 700-710, TAY 611, SPEY 511
- General Electric® – CF 34, CJ 610
- Honeywell® – TFE 731, CFE 738, AS907
- Pratt & Whitney® – JT 15, PW 300, 500, 600

Service and support is also available on Allied Signal, Garrett, Honeywell*, Sunstrand, RE-220, GTCP 36, T20G, and T62T including:

- Maintenance troubleshooting
- Video borescope
- Hourly inspections
- APU test run stand (GTCP 36 only)
- Calendar inspections

**Authorized Service Center*

Aircraft on Ground (AOG) Services & Drop-In Maintenance

Aircraft on Ground Issues

Pentastar Aviation's AOG rapid response team is available 24/7 and will be onsite quickly if your aircraft becomes grounded with a maintenance or avionics issue.

Drop-in Maintenance

Pentastar Aviation accommodates unscheduled drop-in maintenance and avionics needs 24/7, taking the stress out of coordinating maintenance needs for your transient aircraft. With capabilities ranging from oxygen servicing to windshield replacement, Pentastar is well prepared to handle any aircraft maintenance need.

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