About

CD Aviation Services provides Honeywell TPE331 & TFE731 engine services, as well as GTCP36 APU services in the US, Canada, and Europe. We started as a one-man shop, and though we’ve grown, we prioritize the same specialized services and customer care we’ve had since our small shop days.

CD Aviation Services began 26 years ago serving mostly the Agriculture industry. As the business has grown we have moved in to Commuter and Cargo operators and eventually Corporate operators. Twenty years later, we’ve expanded to meet our customers’ needs.

We have facilities in the United States, Canada, and Europe and employ mechanics with over 260 years of combined turbine engine maintenance experience.

“I would, and do, recommend CD Aviation services to everyone. The customer service is great. They are big enough to get the job done and small enough to keep the customer focus. They are our first choice for APU maintenance on the planet. They have the best service, pricing, quality and attitude!”

Norm Hill, Norm Hill Aviation
**Convenience**
We want to be where you are when you need us. We expanded our hangar and engine repair facilities to Canada and Europe with 24/7 AOG services and customer support. Our cloud-based SilverSky service allows you to access your engine’s maintenance information and comprehensive receiving and tear-down reports.

**Economy**
As the costs of parts and related business operations increase, we are determined to soften the impact to our customers as much as possible. We strategically stock our shops to minimize overhead costs and reduce engine turn time.

**Integrity**
This isn’t the time to cut corners and make-do: lives depend on the integrity of your aircraft. We provide FAA certified training for all our employees. We even provide training for mechanics, owners and operators, so they can better care for their engine.
MAINTENANCE, REPAIR AND OVERHAUL (MRO)

HONEYWELL TPE331

ENGINES MODELS:
- TPE331-1, TPE331-2, TPE331-3, TPE331-5, TPE331-6, TPE331-8, TPE331-10, TPE331-11, TPE331-12

Beech King Air B100; BAE Jetstream 31 and 32; Casa 212; Cessna Conquest II; Caravan (Conversion); deHavilland Super Otter (Conversion); Dornier DO228; Fairchild Metro, II, III, 23; Merlin II, III and IV; Mitsubishi MU2; Rockwell Turbo Commander 690, 695, 840, 900, 980 and 1000; Shorts Brothers Skyvan

The services we provide for the TPE331 are:
- Complete Overhaul
- Hot Section Inspections
- Gearbox Inspection
- Complete Test Cell Service
- 24 Hour AOG Field Service - Including Engine R&R (Engine Removal & Replacement)

HONEYWELL GTCP36

APU MODELS:

Bombardier CL300, 600, 601, 604, 605, 850ER, CRJ100, CRJ200; BAE ATP; Cessna Citation III, VI, VII and X; Dassault Falcon 20, 50, 2000, 900 and 7X; Dornier 328 and 128; Embraer EMB 120 Brasilia; Gulfstream II, III, IV, G100, G150, G200, G300, G350, G400, G450; Hawker 750, 800, 850, 900, 1000, 4000; IAI / Westwind II; Lockheed Jetstar II

The services we provide for the GTCP36 are:
- Hot Section Inspections
- APU Repair
- Mobile Compressor Carbon Seal Replacement
- 24 Hour AOG Field Service - Including APU R&R (APU Removal & Replacement)
The services, both maintenance and customer, that CD Aviation Services provide are excellent. Great response time. I am a very satisfied customer.”

Tyson Foods

CD Aviation Services is very customer oriented. Whatever I need, they make it happen, I am more than pleased with their services.

Time Keer,
Harris Air Corp

HONEYWELL TFE731

Engine Models:

TFE731-2, TFE731-3, TFE731-4, TFE731-5, TFE731-20, TFE731-40, TFE731-50, TFE731-60

Bombardier Learjet 31, 35, 36, 40, 45 and 55; Cessna Citation III, VI and VII; Dassault Falcon 10, 100, 20, 50 and 900; Gulfstream G100 and 150; Hawker 700, 750, 800, 850 and 900; Lockheed Jetstar 731 and Jetstar II; Sabreliner Sabre 65

The services we provide for the TFE731 are:

• Scheduled Maintenance
• Fan Balance & Vibration Analysis
• Video Borescope Inspections
• 24 Hour AOG Field Service - Including Engine R&R (Engine Removal & Replacement)
Around the clock On-Site Field Service to the Ag Aviation Industry

CD Aviation Services aims to provide the agricultural aircraft industry with the highest quality product, service and support. Owners and operators that demand high performance, dependability and longevity need look no further than CD Aviation Services for unmatched economic value in today’s market.

Our highly trained technicians assemble and maintain engines using the most current technical data and standards. As the industry leader in customer service, CD Aviation Services communicates frequently with the customer throughout the maintenance event to ensure that the repair is performed in a timely fashion.

CD Aviation Services offers industry setting standards in power, performance, cost and turn-time. Our Ag Field Service and Support Team stands ready to serve 24/7/365. To keep your aircraft in business and functioning at its maximum potential, put our 25 years of experience on site at your facility to perform your next engine maintenance event.

SilverSky

SilverSky is a cloud-based engine maintenance tracking system developed specifically for CD Aviation Services customers. When your engine is having maintenance performed at CDAS you can login to SilverSky and track the services and status of your engine daily.

SilverSky provides:

- Easy access to silversky.cdaviationservices.com
- Password and secure login
- Real-time progress of engine repairs
- All current and past motor events
ENGINE MAINTENANCE TRAINING

About Our Training
CD Aviation Services prioritizes customers’ ability to maintain the condition of their engine. We’ve developed original training material accepted by the FAA and customized for owners, operators and mechanics. Both trainings are conducted in an open forum classroom setting with full color PowerPoint slides. Students will receive a full color manual which they can take home for future reference.

One Day EMT
The One Day EMT is an 8-hour, FAA accepted IA renewal course designed to familiarize owners, operators, and mechanics with maintenance and operation of the TPE331. The One Day training includes instruction and tips on:

- CD Overview
- Start Procedures
- Fuel Consumption
- TPE History
- Cockpit Troubleshooting
- Cost Comparison
- Airflows
- Fuel Nozzle Maintenance
- Engine Power
- Horsepower
- Carbon Erosion
- EGT/ITT
- Free Turbine Design
- Cost Savings
- Power Runs
- Fixed Shaft Design
- Engine Description
- Beta and PG Models

Call us to register 417.206.2327
Five Day EMT

The Five Day EMT is designed for the mechanics who maintain TPE331 powered A/C to expand his or her knowledge on TPE331 operations, making them better troubleshooters. The Five Day EMT expands on the One Day EMT into each system and how they operate.

The Five Day training includes instruction and tips on:

- CD Overview
- TPE History
- Airflows
- Horsepower
- Free Turbine Designs
- Fixed Shaft Design
- Fuel Consumption
- Cost Comparison
- Engine Power
- EGT/ITT Systems
- Power Runs
- Beta and PG Modes
- Start Procedures
- Cockpit Troubleshooting
- Fuel Nozzle Maintenance
- Carbon Erosion
- Cost Savings
- Engine Description
- Prop Control System
- Negative Torque System
- Negative Torque Strain Gauge
- Torque Indicating System
- EPA System
- Engine Oil System
- Engine Anti Ice System
- Fuel System
- Bendix Fuel System
- Static Engine Rigging
- Woodward Rig Engine to AC
- Woodward Run and Rig
- Bendix Static Rig
- Bendix Rig Engine to AC
- Conquest Propeller Governor
- Conquest Fuel Controls System
- Conquest Rigging

Call us to register **417.206.2327**
CERTIFICATIONS AND APPROVALS

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AWARDS

| AMT 2016 | AMT 2011 |
| AMT 2015 | AMT 2010 |
| AMT 2014 | AMT 2009 |
| AMT 2013 | AMT 2008 |
| AMT 2012 | AMT 2007 |

We are more than pleased with CD Aviation Services. The rapid response time is fantastic. We can call on them and in no time at all they are here.

John Sollito, Waddell & Reed
WORLDWIDE SERVICE AND SUPPORT

CD Aviation Services provides Worldwide 24/7 AOG and Technical Support every day of the year. For Worldwide 24/7 AOG, technical and field support, call Toll Free 866.975.CDAS

NORTH AMERICA

UNITED STATES

Joplin Engine Shop
2707 East 32nd Street - Suite 2
Joplin, MO 64801
Phone: 417.206.2327
• Full TPE331 Overhaul, HSI, GBI and Repair capability
• Non-Destructive Testing (NDT) on site
• Wheel balancing
• Mobile 36-100 36-150 HSI Mobile Compressor Seal and Repair Capability
• TFE731 Maintenance

Joplin Hangar Facility
Joplin Regional Airport
5511 North Dennis Weaver Drive
Joplin, MO 64801
Phone: 417.206.2327
• Fly in service and periodic inspections
• Discounted engine R&R at our location
• No hangar rental fees while engine is in work at our facility
• Onsite Lebow and Test Cell
• Rental installation

CANADA

Calgary Hangar and Maintenance Facility
Calgary International Airport
990 McTavish Road N.E.
Calgary, Alberta T2E 7G6
Canada
Phone: 403.769.1550
Fax: 403.769.1553
• Fly in service and periodic inspections
• No hangar rental fees while engine is in work at our facility
• On site Lebow and Test Cell
• Rental installation
• Discounted Engine R&R at our facility
• TPE331 Repair including Hot Section Inspection
• 36-100 36-150 APU Repair
• TFE731 Maintenance

CD Aviation Services provides Worldwide 24/7 AOG and Technical Support every day of the year. For Worldwide 24/7 AOG, technical and field support, call Toll Free 866.975.CDAS
EUROPE
SWEDEN

**Sweden Facility**
Rodvingevagen 11
613 37 Oxelosund, Sweden
Phone: +46 7339 93636
- Gearbox repair
- Turbine repair
- T wheel replacement
- Troubleshooting
- LRU Replacement and Adjustment
- Engine Maintenance Training
- Lebow Capability Onsite