



**National Flight Services**



# Component Repair and Overhaul Services



- National Flight Services Component and Technical Division is a Honeywell Authorized repair center for all LRUs and accessories relevant to nearly all models of the Honeywell TPE331 -1 thru -14 engines and its various configurations
- Our repairs conform to OEM manual specifications and use OEM manufactured detail parts.
- We have a wide array of components ready for exchange and overnight shipment to meet your AOG requirements and/or short turnaround times to return your same accessory back to you.
  - Our repair/overhaul capabilities include, but are not limited to: Torque Sensors
  - High Speed Pinion gear assembly
  - Planetary Gear involute inspection / overhaul
  - Sun Gear involute inspection / overhaul
  - Dual tach drive gear
  - Idler Gear assembly
  - T-wheel / Impeller balancing
  - High Volume oil pumps
  - Intermediate scavenge pumps
  - Aft scavenge pumps
  - Fuel pumps
  - Flow Divider
  - Oil Regulator
  - Prop Pitch Control
  - Oil Cooler
  - Inlet Sensor
  - Fuel to Oil Heater
  - Start Pressure Regulator valve
  - Anti-icing valve
  - Solenoid valve
  - Oil Bypass valve
  - Feather valve
  - Oil Vent valve
  - Fuel Enrichment valve
  - Fuel Shut-Off valve
- We also offer major overhaul and repair of module components such as Output Housing modules and Diaphragm Assembly modules.
- Full NDT services, including magnetic particle inspections and florescent penetrant inspections.
- As a Honeywell Authorized Heavy Engine facility, we have seasoned and experienced personnel to aid you in your troubleshooting processes to pinpoint your component needs, saving you time and money.

Send your requests for pricing and availability to: [RobFreeman@nationalflight.com](mailto:RobFreeman@nationalflight.com) or call 419-867-4221.

FAA Authorized Repair Station

**Honeywell**  
Authorized Service Center

**TWIN**  
**COMMANDER**  
AIRCRAFT LLC



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