

Honeywell

TPE331

TFE731

T53

T55

Pratt & Whitney

PT6A

PT6T

General Electric

CF700

CJ610

CT7

Rolls-Royce

A250

Tulsa Propulsion Engines, Inc.

A Tradition of Superior Service



Expect The Best:

Large Or Small,
Your Needs Are Our Priority

(918) 756-6969

fax (918) 756-6226

Tulsa Propulsion Engines, Inc.
8530 N. 220th Rd.
Beggs, OK 74421
www.tulsapropulsion.com



HONEYWELL TPE331

Tulsa Propulsion Engines has from its inception been a major supplier of quality spares for the TPE331 engine. The vast majority of our inventory consists of components for this engine covering models -1/-2/-3/-5/-6/-8/-10/-11/-12. Our long experience and technical expertise with this engine give us the unique ability to provide parts of the highest quality at competitive prices, with superior service.

The owners of TPE, Jerry and Nancy McNinch, have focused on supporting the customer throughout the existence of the company. Jerry has over forty-one years experience in the aviation industry, with over eighteen years experience in both maintaining and supervising maintenance of the TPE331.

We are very quality conscious and have, as of July 19, 2001, been certified under the ISO9001:2000 quality management system. To this standard, we're also compliant with AC-0056. TPE maintains a large technical library which is continually updated to ensure we have the most accurate information on this engine. All Service Bulletins and Airworthiness Directives are updated and current. Honeywell constantly adds and revises the bulletins on the TPE331, whether by optional, recommended, or mandatory, so we are ready to assist you in supporting your engine to the level that meets your individual operational requirements.

With our strong connections and good relationships with TPE331 service centers and repair stations, we are able to assist you in finding the best work and price when you need maintenance performed. We will monitor the maintenance to ensure the correct work is performed. No more and no less than is necessary. This could cover Hot Section Inspections (HSI), Gear Box Inspection (GBI), Continuous Airworthiness Maintenance (CAM) and full engine Overhaul, as well as unscheduled engine shop visits.

On behalf of the operator, we will monitor this work to ensure that only parts needing replacement are replaced. When replacement is necessary, TPE will actively search for lower cost alternatives of the highest quality. Utilizing the

experience and services of top Honeywell-authorized TPE331 Overhaul service

centers, we can offer to our customers a vast component repair capability under FAA, EASA and Honeywell approvals. With a strong focus on increased efficiency and savings, operators today are constantly searching for ways to improve their fleet engine performance and limit the number of unscheduled engine



Complete Engine Service





New & Overhauled Parts & Repairs

maintenance events. Many outstanding capabilities are available for the repair of customer components to the highest standards.

Thermal spray robot, fully automated plating line, automated welding, shot peening, honeycomb replacement and brazing capabilities are available. Newer technologies added to enhance the capabilities include wide gap brazing and coating applications by High Velocity Oxygen Fuel (HVOF), among others. Dozens of new repairs have been developed to recover parts that would normally be considered non-repairable. Tig welding and braze repairs, among others, are processes commonly used in this procedure. The application of Thermal Barrier Coatings (TBC) and weld repair of cracks by brazing for some combustion module parts is another useful resource for the enhancement of engine airworthiness. We can offer you the most consistent pricing and highest quality of service for all your RGB needs, including rework and modification and aggressive corrosion repairs. These repairs are all performed to Honeywell approvals and engineering standards. Due to the advanced age of many older and heavily operated engines, it becomes uneconomical to repair the components. If we can't provide an attractive new part option for a replacement, surface enhancement may be used to improve the fatigue life of the components. The components with actual repair and overhaul processes performed, including coating replacement, should allow for longer operation in the engine, lowering the potential for unscheduled maintenance.



TPE carries a large inventory of accessories for the TPE331 engine including torque transducers, fuel shut-off valves, fuel controls, anti-ice valves, fuel pumps, ignition leads, and many more. These parts are in new or overhauled condition and in stock for quick delivery.

Hardware is another area in which TPE excels. We carry a full line of Honeywell specialty hardware including nuts, bolts, screws, gaskets, packings, and bearings for the TPE331. All are factory new with Honeywell or Honeywell-authorized distributor certification.



Company Profile

Operational Date: 1990
Location: 8530 N. 220th Rd.,
Beggs, Oklahoma. 74421 USA

Employees: 9
President: Jerry McNinch
(FAA License No. 2193232)

Vice President: Nancy McNinch
V.P. General Manager: Greg McNinch
V.P. Sales: Matt Jessee

DAR: Charles Burge (FAA License No.
DART715006SW)

ISO9001: 2000 and AC00-56 Certified by Lloyd's
Register Q.A.: # UQA 0112603

Accredited by UKAS, ANSI, RAB
Members of Airline Suppliers Assoc., HAI, and
OAIA

**United States Department of
Defense approved vendor CAGE:** 1H5H9
Facilities

Total: 9500 sq. ft.
Warehouse: 6000 sq. ft.

Business activities: Stocking distributor of
aircraft replacement parts including turbine engine
spares for numerous applications. Parts are avail-
able in conditions; factory new, new, new surplus,
overhauled, serviceable and as removed.

Parts are available from TPE's in-house
inventory, OEM stock, consignment contracts,
repair stations and numerous other sources.

Applications:

Honeywell TPE331
Honeywell TFE731
Honeywell T53 / T55
Honeywell Hardware Product Group
General Electric CF700 / CJ610 / CT7
PWC PT6A / PT6T
PWC PW100
Rolls-Royce A250

HONEYWELL TFE731

From a single piece purchase to cover an AOG or line maintenance event to a full MPI / CZI parts package, TPE is an efficient and cost effective source for your TFE731 requirements. Our large inventory covers the engine from fan inlet to exhaust, including rotatable exchange on major components and large discounts on New Honeywell hardware. Our large vendor base and knowledge of the market allows us to provide you with the best service with short lead times and fair prices. We are an approved vendor for Garrett Aviation and Jet Support Services Inc. (JSSI). Under certain circumstances, we can support common supply gaps, in conjunction with Honeywell, for the Honeywell MSP contracts. We have the ability to support various configurations under -2, -3 and -5 engines. This includes both the old style, yet still heavily-operated, combustion systems, as well as the latest control fit combustion systems. We carry a wide selection of A.E.'s for the high pressure nozzle segments available in



our stock. Many sizes of shroud segments are available to custom fit your next MPI. Our pipeline of disks and blades for the TFE engine series has become a valuable asset to our customer base, with time-continued parts available to meet your specific flight operational ratios and save you thousands of dollars. Fan blades are readily available from our stock, in full-size condition, to support your next FOD event.

Tired of waiting months and months for common packings and consumables? We carry the most commonly replaced consumables in our stock for the TFE731 engine, traceable to Honeywell. TPE can also make available the same component repair capabilities listed in our TPE331 section to our TFE731 customers through the utilization of a Honeywell authorized, S.T.A.A.R. rated TFE731 "Heavy" service center. We all know the frustration with getting ITT ducts, Outer Transition Liners and Plenum assemblies repaired through the available industry repair network. Please let us handle the repair of your next TFE component to realize cost savings, superior quality and drastically reduced turn-times. We also carry most accessories for the TFE731, including FCU's, Fuel Pumps, Flow Dividers, Ignition leads, Igniter plugs, Ignition exciters and Fuel Manifolds. Our vast worldwide contact base allows us to put a customer in touch with a qualified TFE731 maintenance professional nearly anywhere in the world, in a moment's notice.



**One
Number**

**Family
Owned**

**Superior
Service**

(918) 756-6969

HONEYWELL T53 / T55

The T53 turbo shaft engine has seen its share of volatility and controversy over its long history in field operation. These past couple of years have seen an even heightened sense of turmoil due to the proposed Airworthiness Directive submitted to the FAA by Honeywell. But even through the years of controversy, the T53 has continued to be an extremely reliable power plant with many loyal operators for a wide array of applications. The military and civilian time logged in this engine series is staggering, and just when it's supposed to be phasing away, it continues to serve in many military roles, save lives, property and environmental resources through fire fighting, leading the environmentally-driven logging industry and provide eye-opening tours and cinematic experiences for the general public. The T55 turbo shaft engine continues to operate and thrive through various power upgrades and is in the forefront of the world military fleets through its usage in the Chinook CH-47 and in civilian heavy-lift applications in the Boeing 234 civil model. While the T55-L11D configuration is no longer fully supported by Honeywell, it's still in fleet usage in various parts of the world. We have the parts to support any configuration of T55, from L11D up to the L714A.

Honeywell has made, and continues to make, many changes and updates to these engines. As with any engine application, every change or optional update could be great for some operators, but not efficient for others. TPE can support your T53 and T55 needs for any scenario. We will not walk away from the customers still utilizing the older configuration of engines, and plan to support them for many years to come. Along with many of the changes, delivery delays for parts are common. There are a large amount of military surplus parts in the T53 and T55 aftermarket. This can be cost-effective in some cases and desirable for some operators and repair providers. This can also be cost-prohibitive as supply and demand has seen prices skyrocket on many parts caused by a perceived shortage of materials on a surplus basis. Two consistent parts of our T53 and T55 program are our pricing and our quality. Even though these engines are commonly operated under military guidelines with no regard to the FAA, we at TPE adhere to the same

ISO9001:2000 standards for all parts in our system, regardless of engine model. You'll find our T53 and T55 parts have traceability to Textron-Lycoming, AlliedSignal, Honeywell or an authorized service center. This gives us the flexibility to sell to both civilian and military customers. Regardless of military surplus, restriction category, etc., we believe all our customers deserve the finest quality of parts for every order processed. In addition to our large stock inventory of parts for these engines, we're currently adding hundreds of line items for both T53 and T55 engines to illustrate our long-term commitment to this program. We also carry a large amount of CECO Goodrich consumables in our stock, along with numerous main components like compressor blades, disks, shafts and vane assemblies.

ISO Certified

An ISO9001:2000 and AC00-56-A certified company



GENERAL ELECTRIC CF700 / CJ610 / CT7



The CJ610 and CF700 engines are still in heavy operation throughout the world. The aftermarket support for these engines is dependent on suppliers outside of General Electric, as GE has gone to manufacturing lead-times on most spare parts orders, as well as automated website support of customer requirements. TPE still carries a large amount of common hardware and components for these older yet reliable engines. If we don't have the required item in our stock, our worldwide contacts in this market are highly useful in helping locate the spares in a timely manner and with competitive pricing and proper traceability.



The CT7 turboprop engine is in wide operation throughout the world, both in civilian and military applications. The SAAB 340A and 340B can be found in worldwide regional airline fleets, powered by the CT7-5A or -9B. The CASA CN235 can also be found in worldwide fleets, both commercial and military, powered by the CT7-5A, -7 or -9C model applications. TPE can assist customers in securing hardware and components for all models. TPE carries many Power Turbine (PT), Gas Generator (GG) and Compressor parts for the CT7 series engines, including complete modules and combustion liners. Our strong relationship with a CT7 FAA/EASA authorized component repair facility allows us to offer our customers cost-effective repairs on many critical components, including combustion liners and midframe assemblies. Tired of waiting for long turn-times on your OEM component repairs? Give us a chance to process your next component repair requirement. You won't be disappointed.

PRATT & WHITNEY CANADA PT6T/PT6A & ROLLS-ROYCE A250

Completing an extensive line of helicopter engine support TPE has steadily increased its capabilities to include support for Rolls-Royce A250 and Pratt & Whitney PT6T powered aircraft. With the support of a solid vendor base, ever expanding in-house inventory and access to the repair capabilities of one of the premier helicopter engine overhaul facilities in the world, we stand ready to assist you now and in to the future.

TPE is your source for top quality commercial engine spares for numerous helicopter platforms, with fast shipping on stock items, and high quality repairs provided by a world leader in helicopter engine component repair and overhaul.

With the dwindling supply of quality OEM spares for A250 engines operators are left with few options and an excess of frustration. With our exclusive access to the services of a world leader in A250 component repairs TPE will work with you to have your engine components repaired or overhauled quickly, economically, and expertly. From full engine to minor component repair we can help you avoid long factory delays and get back in the air quickly.



Contact our Specialized Service and Part Consultants

Please call or e-mail any of the following representatives for further details or requests for quotation on your turbine engine requirements.

(918) 756-6969

fax (918) 756-6226 • www.tulsapropulsion.com

Greg McNinch at greg@tulsapro.com

Cassie Case at cassie@tulsapro.com

Matt Jessee at matt@tulsapro.com