



LOCAL BUSINESS | GLOBAL PRESENCE

What some of our Customers say...

“Service delivery surpasses industry expectations.”

“Increased our operational reliability & lowered operating costs.”

“Excellent in field support.”

“A High level of Business Integrity.”

“Excellent Support.”

“Would highly recommend PTB to all those who operate within this challenging industry.”

“The urgency with which your team responded was somewhat of a relief.”

“Your team proved excellent ambassadors for PTB and conducted themselves with absolute professionalism.”

About Us

PTB GROUP was established in 2001 when it was incorporated to acquire the Brisbane assets of Pacific Turbine Pty Ltd (ACN: 079 66 653). It focuses on providing services in relation to the Pratt & Whitney PT6A and Honeywell TPE331 light turbine engines. It has evolved from a small specialist turbine repair facility based at Brisbane Airport into a global aviation parts & services supply organisation with operations in Queensland, New South Wales and Miami, Florida.

The Group operates in a highly complex technical and regulatory environment requiring highly trained and qualified staff, systems and processes.

Our purpose built 30,000 sq ft facility has been fitted out to expertly manage engine overhauls, turbine engine component overhaul & repairs. We specialize in Pratt & Whitney PT6A and Honeywell TPE331 engines and have a dedicated workshop for each.

Our Team

Dedicated PT6 Workshop

Dedicated Technical Team

Dedicated Engine Sales Team

Dedicated Customer Service Team

Dedicated TPE331 Workshop

Dedicated Finance Team

Dedicated Parts Sales Team

Dedicated Leasing Team



About Us



PACIFIC TURBINE BRISBANE is the trading name of PTB Group Limited, a specialized aviation business listed on the Australian Stock Exchange. PACIFIC TURBINE BRISBANE is a specialist engine workshop and sales facility located near the Brisbane Airport, offering tailored solutions to its customers. It has a large inventory of turbine engines and turbine engine components with a dedicated and highly experienced team of engineers, parts sales, engine sales and technical representatives.

The principal activities are:

- Specialist repair and overhaul of PT6 and TPE331 turbine engines at its dedicated Brisbane facility;
- Managing the repair and overhaul of engines at third party overhaul shops on behalf of its customers;
- Trading in spare parts for engines and their components;
- Trading in parts (other than engines) for its customers;
- Long-term engine management contracts for the above activities that provide our customers with a guaranteed efficient, expert and timely service for all their engine & component needs. This also provides significant commercial benefits as our customers' cashflow is matched to their operation activity thereby providing better working capital management and "peace of mind";
- Managing repair/overhaul & trading in non PT6A and TPE331 turbine engines & component parts; and
- Short and long-term rental, lease & finance of aircraft, turbine engine & non-turbine engine components.



PACIFIC TURBINE USA

PACIFIC TURBINE USA commenced trading in February 2016. The business is based around a similar model to the PACIFIC TURBINE BRISBANE business but is focused on the North American market.

This business has strategic supply agreements with a number of businesses in the USA that supply the engine repair and overhaul services required to support customers in North America.

The principal activities are:

- Managing the repair and overhaul of engines at third party overhaul shops on behalf of its customers;
- Trading in spare parts for engines and their components; and
- Trading in parts (other than engines) for its customers.



PACIFIC TURBINE LEASING

PACIFIC TURBINE LEASING is responsible for all rental and leasing activities for the Group. This includes a fleet of freight and passenger aircraft along with a large number of lease and rental engines.

The business is actively seeking quality leasing opportunities to grow the fleet of leased assets. We have a strong relationship with a group of Japanese investors that are keen to share in these mutually beneficial opportunities. PACIFIC TURBINE LEASING fits in with our core business as it allows for cross selling of parts and maintenance of engines under engine management plans.

PACIFIC TURBINE LEASING own, lease and rent over 30 PT6A & TPE331 Engines, provided for the support of our customer base.

About Us

INTERNATIONAL AIR PARTS

INTERNATIONAL AIR PARTS is a subsidiary of PTB Group Limited and is the largest independent stockist of commercial and military aircraft spare parts in the Asia Pacific region. IAP is predominantly an aircraft spare parts business. The business operates out of a large warehouse in Northern Sydney, New South Wales. The IAP business is split into two main divisions: Engines and Airframe Parts.

The Engines division manages repairs and overhauls of engines on behalf of its customers. It also manages the tear down of engines and sells a range of engine parts. The division is currently focused on the Rolls Royce Dart and Tay engines.

The Airframe division has focused on Fokker, SAAB and British Aerospace airframes.

IAP supports International, regional and domestic operators along with defence forces around the world.

The principal activities are:

- Spare Parts Supply: Acquisition of redundant spares from airlines that have changed their aircraft types and then remarketing to other operators of that type;
- Parts brokering: IAP Group also has a strong parts brokering business, particularly with its contacts in Asia;
- Acquisition and Sale of Aircraft: As an integral activity to spares support, IAP Group has bought and sold many aircraft, the aircraft traded in this way range in size from an Islander to a Boeing 737 and Airbus A300; and
- Aircraft Acquisition and part out: IAP Group also acquires aircraft and parts them out.

Pacific Turbine Brisbane Approvals

We are a fully accredited facility with the following globally recognized approvals:

- CASA Australia Part 145 Certificate (Civil Aviation Safety Authority of Australia)
- CAAF Fiji Certificate (Civil Aviation Authority Fiji Islands)
- DGCA India (Director General of Civil Aviation India)
- MCAA Maldives Certificate (Maldives Civil Aviation Authority)
- CAAN Nepal Certificate (Civil Aviation Authority of Nepal)
- CAAP Philippines Certificate (Civil Aviation Authority of the Philippines)
- DGCA Indonesia Certificate (Director General of Civil Aviation Indonesia)
- ASA-100 Certificate (Aviation Suppliers Association)



PTB-EMProgram

PTB ENGINE MANAGEMENT PROGRAM offers total engine management support for the PT6A Series Engines & TPE331 Series Turboprop Engine operators around the world.

Each of PTB's current engine management programs are tailored specifically to the operator's requirements, to meet the needs of your business. We understand that every business is unique.

With the PTB-EMProgram you incur no surprise engine cost, leaving you with absolute fixed cost engine maintenance.

We work with you to shape the program around your business requirements, you will have peace of mind knowing that you will no longer have warranty battles or rental engine costs and be assured that there are no expensive buy-ins to our PTB-EMProgram.

You will have unlimited access to our technical support personnel, seamless logistics operations and the continued support of PACIFIC TURBINE BRISBANE's extensive turbine engine expertise.

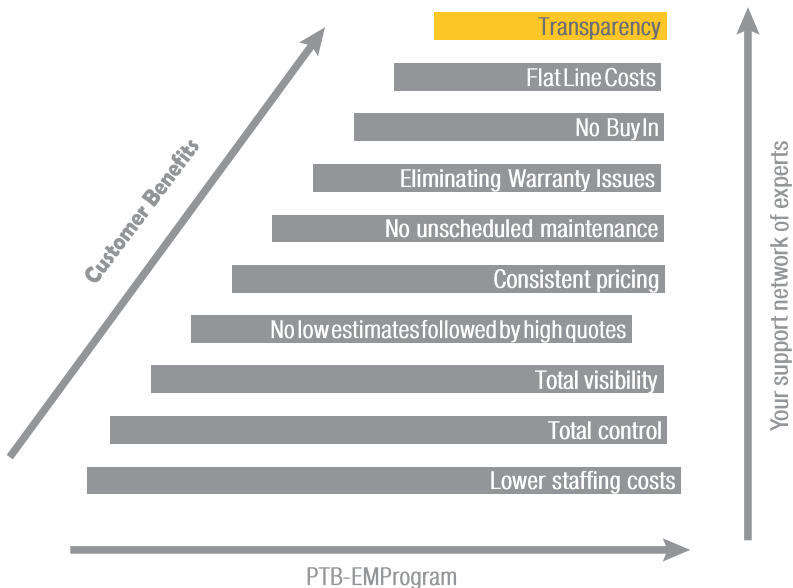
We provide GLOBAL support with all of our programs. Wherever you are located in the world, we can offer you a customized program to suit your individual business needs.



PTB-EMProgram Customers Benefits

The Benefits you will receive when you choose our **PTB-EMProgram**

- Flat line power plant costs with one monthly payment
- No buy in to our programs
- Eliminate Warranty Issues
- No unscheduled engine maintenance costs
- No more low estimates followed by high quotes
- Consistent pricing - lower administration overheads
- Total visibility on your operating costs
- Total control over engine management and parts support costs
- Lower specialized staffing requirements



PTB-EMProgram

Pivotal to our success has been the loyalty we have built within our customers. With over a dozen existing customers already part of our long term program's portfolio.

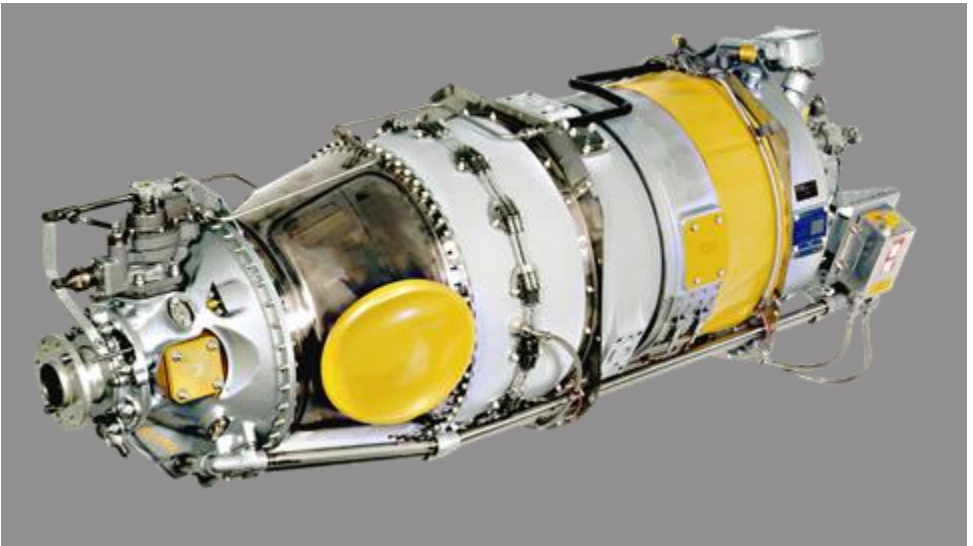


PT6 Services

The small PT6A engine is the cornerstone of the PTB engine business and will remain so into the future. Over time we expect to become a major player in this global market. Our PT6A engine overhaul shop is geared to produce engines for our customers.

Currently PACIFIC TURBINE BRISBANE manages over 100 PT6A Series Engines on long term engine management programs throughout the Pacific, New Zealand, Indonesia, Republic of the Maldives and Australia through our PTB-EMProgram.

PACIFIC TURBINE BRISBANE has managed one million + engine hours including float plane and short sector operations. Our MRO workshop manages 10 Hot Sections per month, many of which are on exchange basis; 70+ sets of exchange Fuel Nozzles per month and currently turns out between 3-5 overhauls repairs per month on PT6A Series Engines.



PT6 Rotables

We understand aviation and can therefore offer a variety of options to our customers, whether you need new, exchange, or repaired parts, we can assist promptly. In-country support for rotables and consumables places PTB as the first stop for your engine needs.

LINE REPLACEABLE SPARES supporting the Operator/Engineer, incl:

- Components - “exchange or outright sale”;
- Fuel Control Units (FCUs) and Fuel Pumps, Start Flow Control Valves (SFCs);
- Propeller and Over-speed Governors;
- Oil-Fuel Heaters, Bleed Off Valves (BOVs); and
- Ignition Exciters, Starter-Gen Gear-shafts, etc.

CONSUMABLE PART KITS FOR:

- Hot Section Inspection (H.S.I.);
- Fuel Nozzle Installation; and
- Starter-Generator Gear replacement.

WE ALSO OFFER:

- Exchange Fuel Nozzle Kits;
- Combustion Liners, Large Exit Ducts, Igniter Plugs and Ignition Leads;
- Inlet Screens, Oil / Fuel or Air Tubes and Pipes, Control linkages;
- Seals, Packing ‘O’ Rings, Gaskets, general parts and hardware; and
- Plugs, Caps and Elbows / Unions etc.

ENGINE REPAIR AND OVERHAUL

- We can provide complete overhaul and repair for Pratt & Whitney PT6A Engines.

POWER SECTION REPAIR AND OVERHAUL

- Specialist Power Section repair or overhaul, including “in the field and on site” repairs.

HOT SECTION REPAIR AND OVERHAUL

- **CT Blade replacement.**
We strive to satisfy our customers' needs and can therefore offer either replacement original equipment manufacturer, new or overhaul condition blades, or alternative equivalent manufacturer authorised new blades.
- **CT Disc Assembly Blade Tip Grind.**
“Zero grind” hot section to minimise down time or in field hot section setup, maximising engine reliability, performance & efficiency with lower T5.
- **CT Blade overhaul, stretch inspection and heat tint check.**
- **Large Stock of Hot Section Parts**
 - o CT Vane replacement;
 - o CT shroud segment replacement;
 - o We offer either replacement OEM new or OHC segments;
 - o Alternative equivalent PMA new segments;
 - o Inner exit duct (SED);
 - o CT shroud housing;
 - o No. 2 bearing cover; and
 - o Lock Plate.
- **Bladed Disc Balancing**
- **Bleed Valve Repair & Overhaul**
- **Fuel Nozzle Re-certification**



TPE331 Services

PACIFIC TURBINE BRISBANE currently manages 30 + Honeywell TPE331 Series Turbo Prop Engines within our PTB-EMProgram.

We have managed over 250,000 + engine hours and our workshop currently turns out between 12 -20 TPE331 engine overhauls/repairs per annum.

CAPABILITIES

- Major maintenance facility for TPE331 series engines (Overhaul, CAM, H.S.I & G.B.I).

SCHEDULED/UNSCHEDULED SPECIALIZED GEAR INSPECTIONS

- Involute Inspection can be done using our specialised involute testing machine; and
- Measurement Over Wires (MOW) Inspection.

ROTATIVE INSPECTION

- Curvic Coupling and Rotative Component Assembly “run-out” Inspections;
- (Concentricity and perpendicularity checks); and
- Rotative component balancing.

TURBINE DISC

- Balancing - Computer controlled balancing equipment.

SERVICE BULLETINS AND FACTORY MODIFICATIONS

- TPE331 fuel nozzle clean and flow manifold test and repair.



TPE331 Rotables

At Pacific Turbine Brisbane we believe in customer satisfaction and it shows in our results. Our aviation knowledge will reflect with every sale, exchange, overhaul or repair.

LINE REPLACEABLE SPARES SUPPORTING THE OPERATOR/ ENGINEER, INCLUDING:

COMPONENTS - “EXCHANGE OR OUTRIGHT SALE”:

- Fuel Control Units (FCUs) and Fuel Pumps, Torque Temperature Limiter Valves;
- Propeller Governors, Propeller Pitch Controls (PPCs); and
- Oil Coolers, Ignition Exciters, Fuel Nozzles etc.

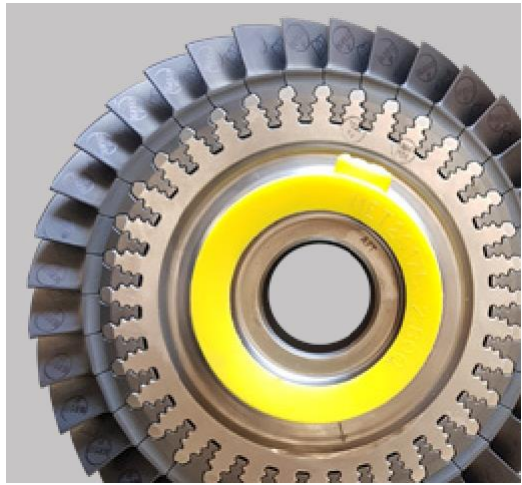
CONSUMABLE PART KITS:

- For Fuel Nozzle Installation; and
- For Spectrometric Oil Analysis Program (SOAP).

OTHER TPE331 SPARES:

- Igniter Plugs and Ignition Leads;
- Oil/Fuel or Air Tubes and Pipes, Control linkages;
- Seals, Packing ‘O’ Rings, Gaskets; and
- General parts and hardware (Plugs, Caps and Elbows / Unions), etc.

We support and supply TPE331 engine components to ensure our customers’ requirements are satisfied.





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