

Choose
Christchurch Engine Centre
for your JT8D needs.



CHRISTCHURCH ENGINE CENTRE

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Christchurch Engine Centre
634 Memorial Avenue
Christchurch International Airport 8053
New Zealand

Postal Address
Christchurch Engine Centre
PO Box 14005
Christchurch International Airport 8544
New Zealand

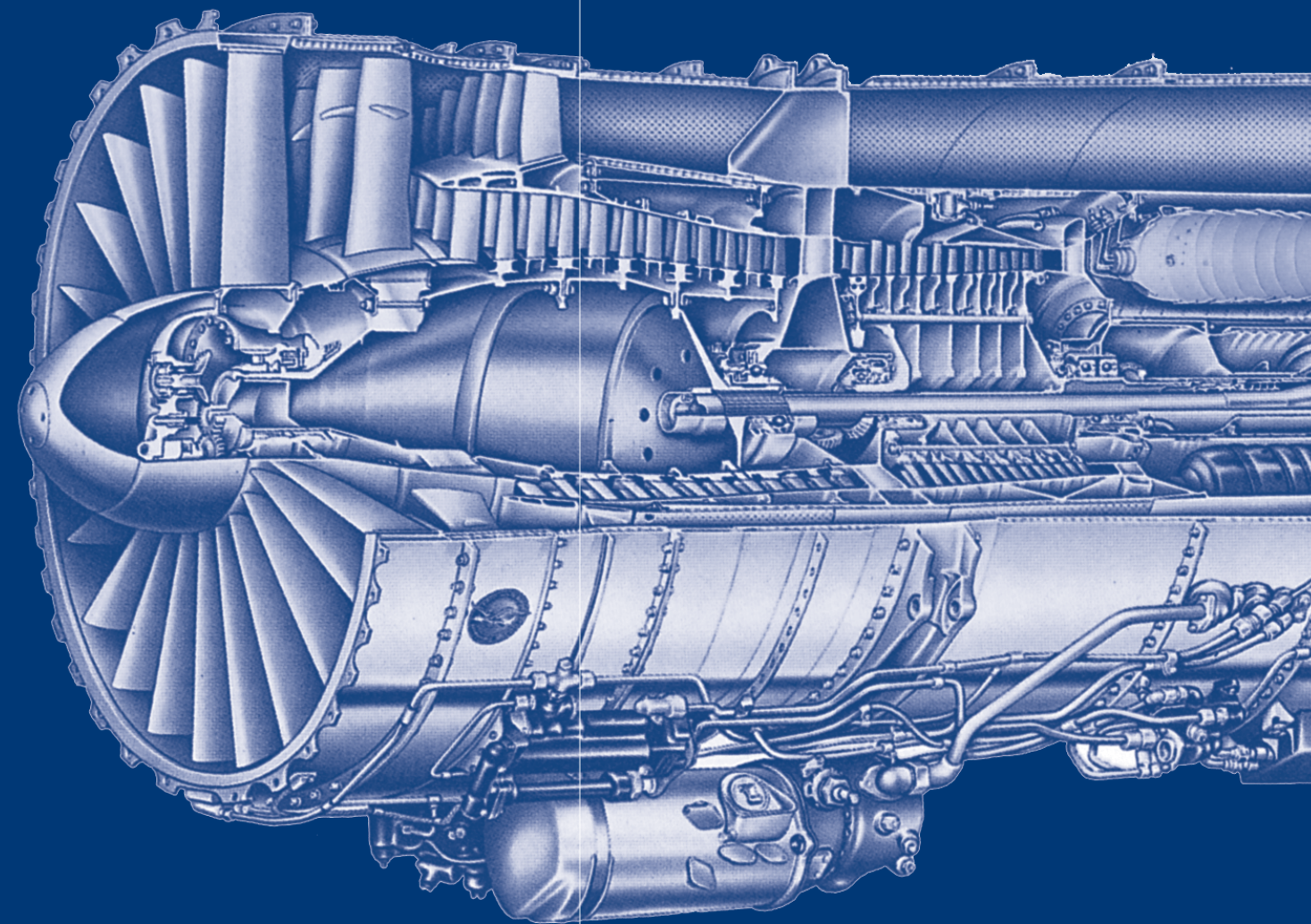
Contact
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www.pwnz.com

GLOBAL > SERVICE > PARTNERS >



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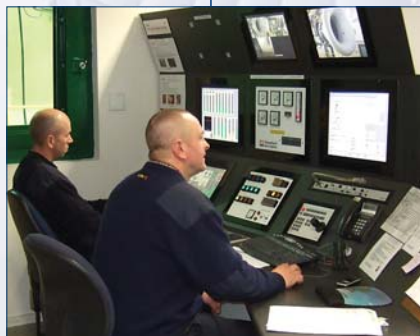


JT8D-Std & JT8D-200
MAINTENANCE
REPAIR AND OVERHAUL

www.pwnz.com

JT8D MRO IN FOCUS

Operator experience makes the difference.



Christchurch Engine Centre is an experienced maintenance, repair and overhaul (MRO) centre for all models of JT8D engine and offers amongst the best of total support for both JT8D-Standard (JT8D-7B to -17AR) and the JT8D-200 (JT8D-217A, -217C and -219).

JT8D overhaul began in 1968 at our Christchurch International Airport facility and customer business has steadily grown, especially since 1990. It is now one of the top JT8D facilities world-wide with customers in the USA, Canada, Australia, South Africa, South America, Asia and Europe.

Listening to customers and focus on customer service are our hallmarks.

ENGINE MANAGEMENT

Extensive in-house capability in repair processes ensures

- close control of quality, turnaround time and price
- detailed control of your required overhaul life and build standard.

We are experienced at tailoring shop visit outcomes to meet our JT8D customers' requirements.

Our FIELD SERVICE brochure is also available for download from our website.

RELIABLE TURNAROUND TIME

Through competent production planning and management, and extensive in-house capability, turnaround times consistently meet or better contract terms.



TECHNICAL SUPPORT

Full in-house technical support is available using OEM links as necessary. Christchurch Engine Centre benefits from over 30 years of technical and MRO support of the JT8D operations of Air New Zealand Limited.

TEST FACILITY

Our modern test facility for both JT8D-Standard and JT8D-200 uses state-of-the-art computerised control and test software with full reporting and analysis.

It is the Pratt & Whitney Master Cell for the JT8D-Standard.

MATERIAL MANAGEMENT

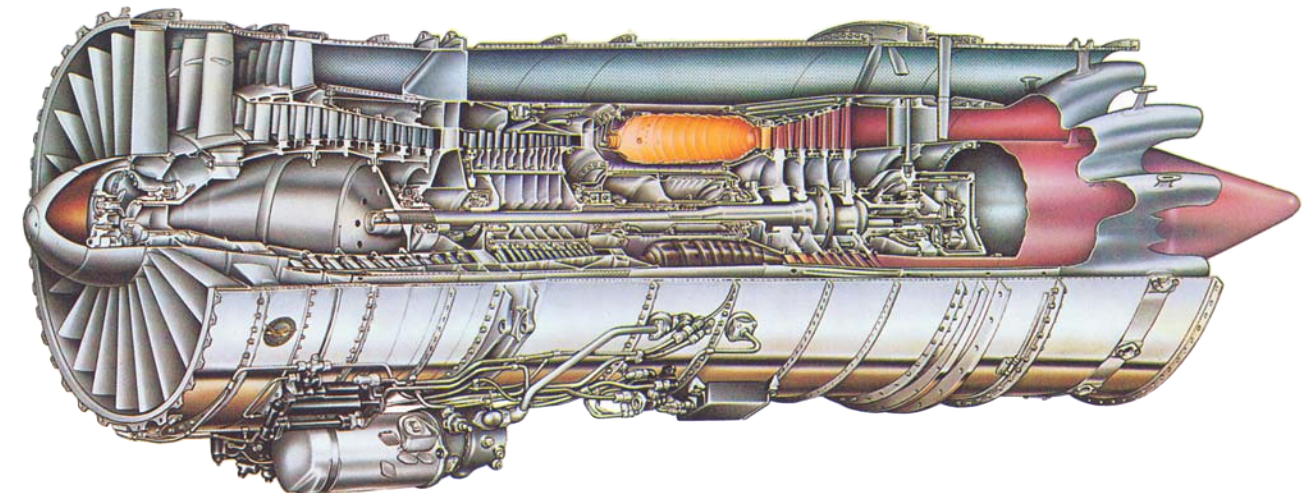
Our material management and logistic group is extensive, carries a significant inventory and has the knowledge and experience to source qualified materials at competitive prices for your engine.

QUALITY ASSURANCE

Our systems are world standard and include:

- an in-house material supplier and vendor qualification process that ensures only quality processes, parts, and materials with known history are used.
- a Quality and Safety management system to ensure Continuous Improvement through internal evaluation.

Christchurch Engine Centre holds FAA and EASA repair station approvals as well



TOTAL CAPABILITY

as NZCAA and other national approvals. Check our website for details.

REPORTING

Our Sales & Customer Service people keep regular contact with our customers. However, there is a difference.

A Key Account Manager is your single point of contact and advocate in our facility to:

- look after your interests at all times
- ensure competitive performance is delivered
- ensure the best communication and customer service
- produce progress reports by email, and also through our secure website.

We began JT8D-7B overhaul in 1968 and have continued building our world-wide

MRO service with the addition of JT8D-200 capability in 1996.

JT8D SALES, LEASE and EXCHANGE, see www.pwnz.com

Our work has included the full range of service bulletin activity including hush-kit modifications and the latest developments, in conjunction with Pratt & Whitney.

We have a policy of performing the maximum amount of repair in-house and our processes include the following:

NON-DESTRUCTIVE TESTING

All NDT staff are certified to NAS410 standard. All work is performed in accordance with Pratt & Whitney standard practices and the following:

- Liquid penetrant to ASTM E-1417
- Magnetic particle to ASTM E-1444
- Eddycurrent and Conductivity inspection
- Ultrasonic inspection
- Radiographic inspection to ASTM E-1742
- Borescope including JT8D Combustion Chamber inspections in-field

All NDT work is carried out under the FAA, EASA, NZCAA or national approvals held by Christchurch Engine Centre.

BLASTING MACHINES

Plastic Media, Dry Aluminium Oxide, Vapour Blast, Glass Bead, Shot Peen

MACHINE SHOP

Comprehensively equipped.

Lathes Milling machines
Horizontal Borer Vertical Lathe
Jig borer Radial arm drill
Honing machine Grinding machines
Co-ordinate Measuring Machine

ELECTROPLATING

Cadmium Plate (Bright)
Nickel Plate (Sulfamate)
Copper Plate
Chrome Plate
Chromic Acid Anodising
Silver Plate
Nickel Cadmium Plating
Heat Treatment - stress relieving, post-plating de-embrittlement

WELDING / HEAT TREATMENT / PLASMA COATING

Welding
TIG Welding Machines
MIG Wire Feeder
Spot Welder
Oxy-Acetylene Welding Unit

Heat Treatment
Four ovens - Intech computer controlled

Plasma Coating
Sulzer Metco Low/High energy system

High Pressure Water Treatment
For the removal of thermal coatings



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