

Turbine Tech Co Ltd, previously known as PT6 Thailand, has been providing turbine engine maintenance and repair services since 2009. As operators and owners of aircraft equipped with PT6A engines, we recognize the importance of controlling operational costs and delivering customized solutions that minimize downtime and expenses for our customers.

Turbine Tech holds certifications from the FAA (USA), CAAT (Thailand), CAAN (Nepal), DCA (Myanmar), DGCA (Indonesia), DGCA (India) and MCAA (Mongolia) as a repair station and aviation maintenance organization. We are authorized to carry out line maintenance, component repairs, and heavy maintenance services—excluding complete engine overhauls—on engines from Pratt & Whitney Canada, Honeywell, GE, and Rolls Royce. Our team includes 11 skilled Field Service Technicians located in Cairns and Perth, Australia, as well as Singapore, Thailand, and South Africa.



WWW.TURBINETECH.AERO



Honeywell
Aerospace



GE Aerospace



CAPABILITY LIST



PT6A SERIES

PT6T SERIES

PW100 SERIES

PW200 SERIES

PW300 SERIES

PW500 SERIES

JT15D SERIES

Honeywell
Aerospace

APU 36-100 SERIES

APU 36-150 SERIES

RE220 SERIES

TFE731 SERIES

HTF7000



TAY 611-8C

BR710A1-10

BR710-A2-20



GE Aerospace

CF34-3



RELEASE CERTIFICATE

1. FAA (USA) – HBOY088E

2. CAAT (Thailand) –
CAAT.AMO.0822

3. DGCA Indonesia – 145F-
1076

4. CAA Nepal –
AMO/VAL/248/2025

5. DGCA India –
IND.FAMO.0000000093

6. DCA Myanmar –
055/2026

7. MCCA Mongolia

THAILAND FACILITY

Situated in Chon Buri along Thailand's Eastern Seaboard, our facility features a dedicated runway complemented by 15,000 ft² of hangar space. On-site capabilities encompass engine workshops, a fuel nozzle shop, temperature-controlled storage, a specialized paint shop, and fully equipped offices. With ample room earmarked for future growth—including a purpose-built engine shop, test cell, and hangar—the facility is well positioned to address the evolving requirements of clients across the Asia Pacific region and beyond.



FIELD SERVICE TEAM LOCATIONS



HANGAR 1



HANGAR 2



Stores Room

ENGINE SHOP



Balancing
Station

MACHINING
STATION



FUEL NOZZLE SHOP



NEW ENGINE SHOP AND HANGAR





INVENTORY

Turbine Tech Co Ltd holds a large number of parts for PWC, HW, GE, and Rolls Royce engines. This includes a significant quantity of overhauled and serviceable parts, which helps to reduce costs for our customers' engine repairs.





PT6A SERIES CAP

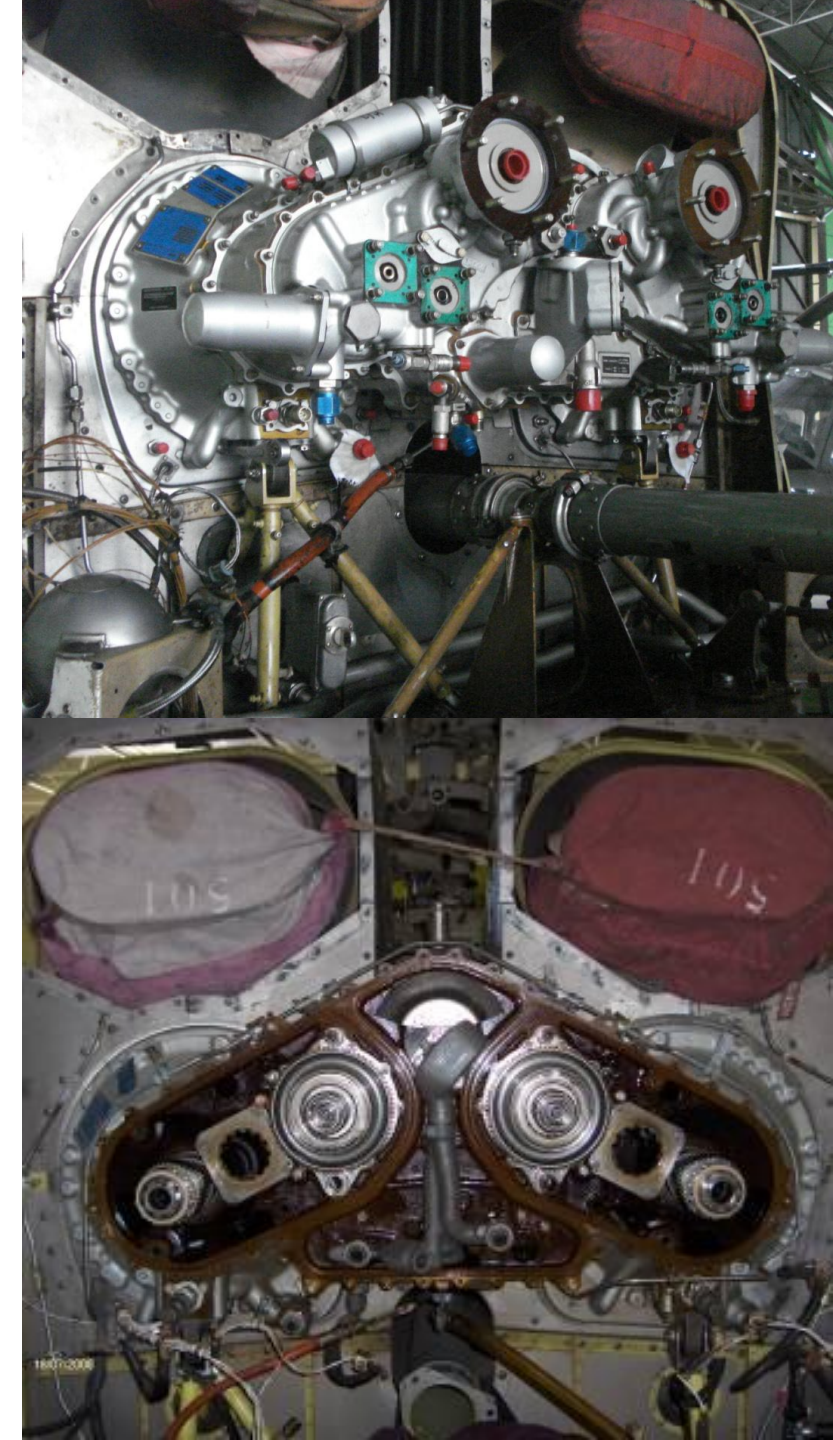
- Hot Section Inspection (On-wing)
- Hot Section Module repairs, including Turbine Disc and blade replacements
- Power Section repairs
- AGB repairs, including replacement of Starter and Accessory Gears
- Blend repairs on the 1st stage compressor (On-wing)
- Borescope Inspection
- Thread repairs and stud replacements
- LCF replacement
- Line Maintenance tasks
- Implementation of Modifications, ADs, and SBs
- Engine removal, installation, and rigging adjustments





PT6T SERIES CAP

- Limited workscope repairs to C Box.
- On-Wing 2500Hr. Inspection performed using exchanged, overhauled clutch assemblies.
- Hot Section Inspection
- Hot Section Module repairs, including Turbine Disc and blade replacements
- Power Section repairs including Exhaust Duct replacement.
- AGB Repairs including replacement of Starter, Input and Accessory Gears
- Blend repairs 1st stage compressor (On-wing)
- Borescope Inspection
- Thread repairs and stud replacement.
- Line Maintenance Tasks
- Modifications AD'S and SB'S
- Removal and installation of engine and rigging





PW100 SERIES CAP

- On-Site and in Shop Hot Section Inspections and Repairs.
- Replacement of LCF on high-pressure, low-pressure, and power turbine 1st and 2nd stage turbines.
- Replacement and Grind of LP & HP Shroud Segments
- Replacement of blades all turbines
- Replacement of front and rear carbon seals in the accessory gear box.
- Replacement of starter gear shaft.
- Replacement of accessory gear and cover in the reduction gearbox.
- Replacement of angle drive seal along with all accessory drive seals.
- Removal and installation of the reduction gearbox.
- Borescope inspections.
- Performing line maintenance tasks.
- Removal and installation of the engine.
- Implementation of modifications, Airworthiness Directives (ADs), and Service Bulletins (SBs).





PW200 SERIES CAP

- Hot Section Inspection
- Hot Section Module repairs.
- Restoration of Protective coatings
- Blend repairs on the 1st stage compressor.
- Borescope Inspection
- Thread repairs and stud replacements
- Line Maintenance tasks
- Implementation of Modifications, ADs, and SBs
- Engine removal, installation, and rigging adjustments





PW300 SERIES CAP

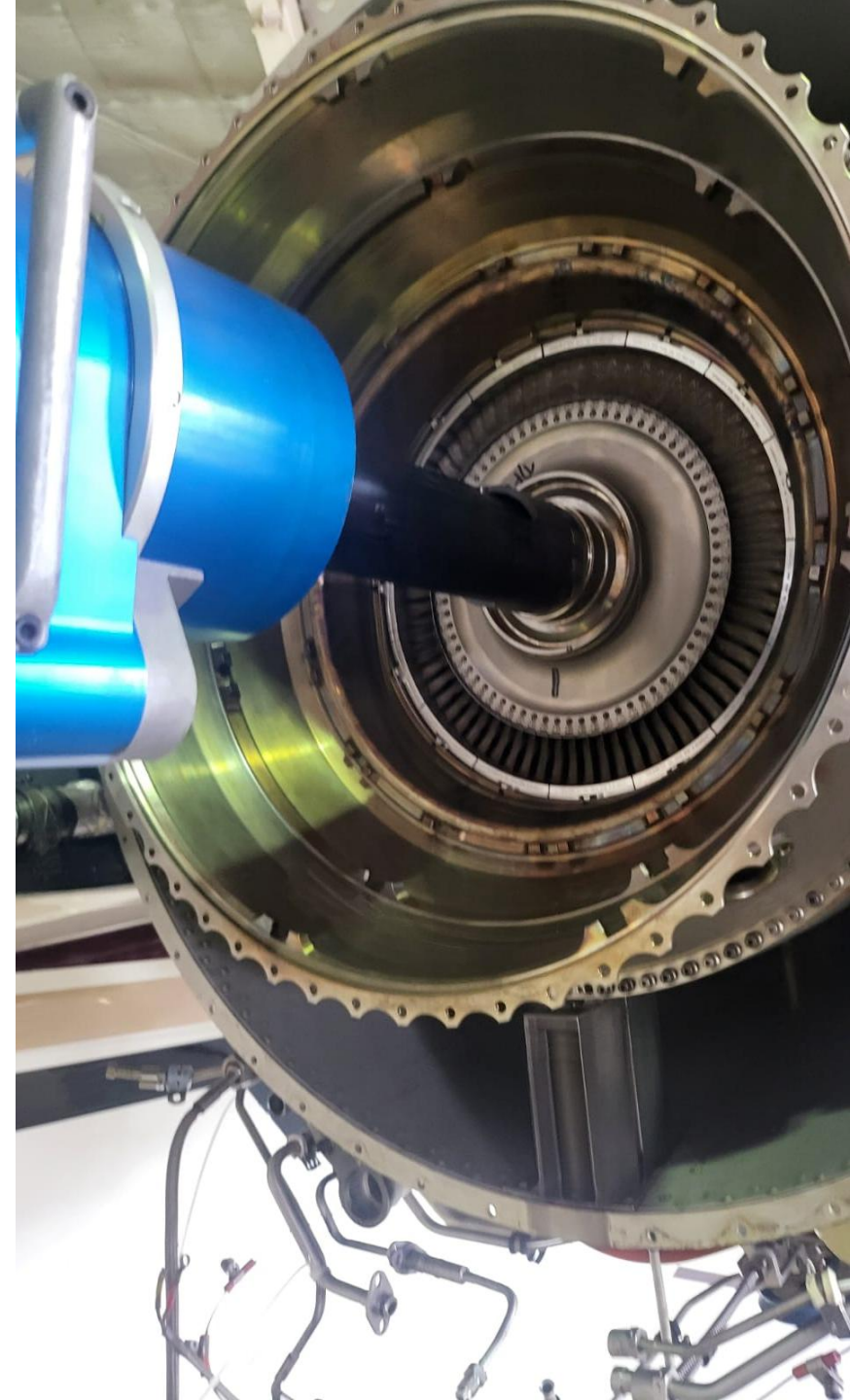
- Fan Repairs
- AGB repairs, including replacement of Starter and Accessory Gears
- Borescope Inspection
- Restoration of Protective coatings
- Thread repairs and stud replacements
- Line Maintenance tasks
- Implementation of Modifications, ADs, and SBs
- Engine removal, installation, and rigging adjustments





PW500 SERIES CAP

- Fan Repairs
- Hot Section Inspection
- AGB repairs, including replacement of Starter and Accessory Gears
- Borescope Inspection
- Restoration of Protective coatings
- Thread repairs and stud replacements
- Line Maintenance tasks
- Implementation of Modifications, ADs, and SBs
- Engine removal, installation, and rigging adjustments





JT15D SERIES CAP

- Hot Section Inspection (On-wing)
- Hot Section Module repairs,
- Fan Repairs
- AGB repairs, including replacement of Starter and Accessory Gears
- Borescope Inspection
- Thread repairs and stud replacements
- Line Maintenance tasks
- Implementation of Modifications, ADs, and SBs
- Engine removal, installation, and rigging adjustments





APU 36- 100/150 SERIES CAP

- Hot Section Inspection
- Compressor Carbon Seal Change
- Generator Pad Carbon Seal Replacement.
- Borescope Inspection
- Restoration of Protective coatings
- Thread repairs and stud replacements
- Line Maintenance tasks
- Implementation of Modifications, ADs, and SBs
- APU removal, installation, and rigging adjustments





RE220 SERIES CAP

- Pad Seal Replacement.
- Borescope Inspection
- Restoration of Protective coatings
- Thread repairs and stud replacements
- Line Maintenance tasks
- Implementation of Modifications, ADs, and SBs
- APU removal, installation, and rigging adjustments





TFE731 SERIES CAP

- Heavy Repairs including repair/replacement of Fan Blades and Fan Stator Vanes
- Pad Seal Replacement including spline drives.
- Borescope Inspection
- Restoration of Protective coatings
- Thread repairs and stud replacements
- Line Maintenance tasks
- Implementation of Modifications, ADs, and SBs
- Engine removal, installation, and rigging adjustments





HTF7000 SERIES CAP

- Borescope Inspection
- Restoration of Protective coatings
- Thread repairs and stud replacements
- Line Maintenance tasks





TAY611 SERIES CAP

- Borescope Inspection
- Thread repairs and stud replacements
- Line Maintenance tasks
- Engine removal, installation, and rigging adjustments





BR710 SERIES CAP

- Borescope Inspection
- Thread repairs and stud replacements
- Line Maintenance tasks.





CF34-3 SERIES CAP

- Heavy Repairs, Replacement of Fan Blades and Fan Stator Vanes
- Heavy Repairs, Compressor Top Case and Lower-Case repairs
- Borescope Inspection
- Thread repairs and stud replacements
- Line Maintenance tasks.
- Engine removal, installation, and rigging adjustments

