

BIGGER. BETTER. BOLDER.



Ag Air Operator

PT6A Engine Support



StandardAero



Your Trusted Service Partner for P&WC PT6A Engines

StandardAero is a Pratt & Whitney Canada PT6A Designated Distributor and Overhaul Facility. With over 55 years of reliable turboprop experience, our team is dedicated to helping you make the right decisions by providing options and recommendations that are **TAILORED** to your specific needs.

Service Highlights:

- P&WC PT6A Designated Overhaul Facility (DOF) with Distribution rights
- Maintenance, Repair & Overhaul (MRO) capabilities for nearly all P&WC PT6A models
- Over 55 years of reliable turboprop experience
- Over 17,500 engines processed
- Best-in-class turn around times (TAT) and warranty
- In-house repair capabilities, eliminating the need for costly replacement parts
- Supporting the global PT6A ag community from four overhaul facilities
- Backed up by five PT6A service centers, including three in North America
- Dedicated Field Service Teams available 24/7

PT6A Services Tailored to the Needs of Ag Operators

StandardAero understands the unique needs agricultural aviation operators, and we **TAILOR** our PT6A Ag offering to focus on cost minimization and quick TATs, without sacrificing quality or safety.

Under our PT6A Ag '**Inspect and Repair As Necessary**' (IRAN) workscope, also referred to as an 'Extended HSI' or 'Light overhaul' workscope, we split the engine to address the following inspections:

Compressor

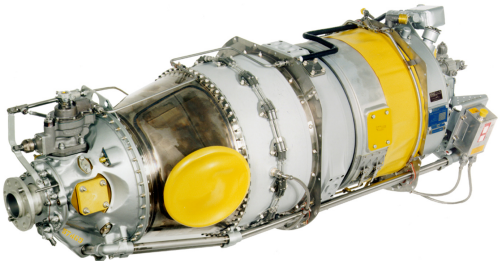
- Visually inspect the inlet case and gas generator case
- Remove the compressor
 - OH inspect #1 & #2 bearings
 - Inspect for foreign object damage (FOD)
- Rebalance the compressor
- Wet spline conversation of starter gearshaft

Hot Section

- Perform hot section inspection (HSI)
 - Inspect compressor turbine (CT) vane ring assembly
 - Inspect CT disk assembly
 - Including OH and overtemp inspection of CT blades
 - Inspect large exit duct (LED) and combustion chamber (CC) liner
 - Inspect power turbine (PT) vanes & stators
 - Inspect T5 system
 - Functional check fuel manifolds

Line Replaceable Units (LRUs)

- Perform overhaul to
 - Fuel control unit (FCU)
 - Fuel pump
 - Blow-off valve (BOV)



We then re-assemble the engine, perform engine test and package engine for shipment.

More Support. More Service. More Capability.

At StandardAero, we retain simple core values that set us apart from the other accessory and engine repair centers – we put our customers first, and focus on keeping them flying by delivering reliable, value-for-money PT6A engine support. StandardAero has become the PT6A trusted service partner for many operators over the past 55 years, offering a full range of nose-to-tail PT6A service capabilities including accessory gearbox repairs, fuel nozzle support, and engine trend condition monitoring (ECTM).

Operating out of our eight PT6A service facilities on five continents, we are dedicated to reducing your downtime and lowering your costs. Our in-house repair capability is the key to providing quick turn-times, while our committed team of engineers and customer service representatives offers the highest level of expertise and service. Whether your PT6A engines or accessories need repair or overhaul, leave them to us, the experts. We will ensure that you receive the best quality service every time.

Variants supported:

PT6A-6, -10, -11, **-11AG**, **-15AG**, -20, -20A, -20B, -21, -25, -25A, -25C, -27, -28, **-34AG**, -34, -34B, -35, -36, -38, -41, **-41AG**, -42, -42A, -45, -45A, -45B, -45R, -50, -52, -60A, **-60AG**, -61, -62, -64, **-65AG**, -65AR, -65B, -65R, -66, -66A, -66B, -66D, -67, -67A, -67AF, **-67AG**, -67B, -67D, -67F, -67P, -67R, -67T, -68, -68B, -68C, -110, -112, -114, -114A, -116, -121, -135, -135A, -135B, -140

How StandardAero Keeps You Flying:

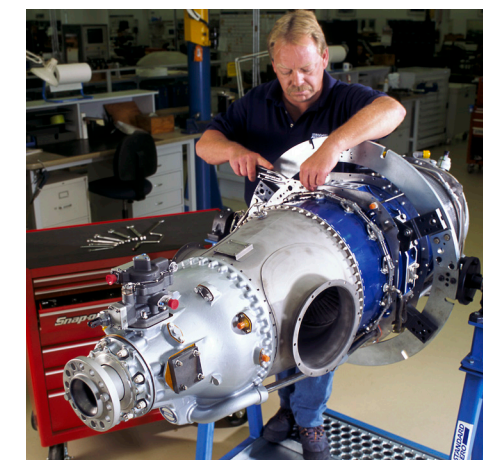
StandardAero offers a range of responsive, high-quality PT6A services, including:

- Hot Section Inspection & Repair Workscopes
- FOD / Repair Workscopes
- Power Section Repair
- Engine Overhaul
- On-Site Test Cell
- Low-Cycle Fatigue Replacement
- Engine Investigation
- MIO Inspection & Repair
- Borescope Inspections
- AGB Repair
- Failure Analysis
- Accessory Repair & Overhaul
- 24/7 Field Service Support
- Material Supply
- Lease, Rental & Storage Solutions for Spares
- Logistic Shipping Solutions
- Engine Condition Trend Monitoring (ECTM)
- Complete Hot Section Kit Exchanges Available (all models)
- Fuel Nozzle Testing and Overhaul
- PT6A/JT15D Complete Engine Change Capabilities (Grapevine, Kennesaw & Latrobe only)

PT6A applications supported include:

- Air Tractor AT-402A/402B (PT6A-11AG or PT6A-15AG)
- Air Tractor AT-502B (PT6A-15AG or PT6A-34AG)
- Air Tractor AT-504 (PT6A-34AG)
- Air Tractor AT-602 (PT6A-60AG or PT6A-65AG)
- Air Tractor AT-802/802A (PT6A-65AG, PT6A-67AG or PT6A-67F)
- Schweizer G-164B AG-Cat Turbine (PT6A-11AG, PT6A-15AG or PT6A-34AG)
- Schweizer G-164D AG-Cat Turbine (PT6A-34AG)
- Thrush 510P (PT6A-34AG)
- Thrush 550P (PT6A-60AG)
- Thrush 660 (PT6A-60AG or PT6A-65AG)
- Thrush 710P (PT6A-65AG or PT6A-67AG)
- Thrush S2R-T15 (PT6A-15AG or PT6A-27)
- Thrush S2R-T34 & S2RHG-T34 (PT6A-34, PT6A-36, PT6A-41, PT6A-41AG or PT6A-42)
- Thrush S2R-T65 & S2RHG-T65 (PT6A-60AG or PT6A-65AG)
- Thrush S2R-T660 (PT6A-45A, PT6A-45B, PT6A-45R, PT6A-65AG, PT6A-65AR, PT6A-65B or PT6A-67AG)

Contact your StandardAero PT6A Sales and Service Manager today to find out how we can TAILOR a workscope that fits YOUR needs!



BIGGER. BETTER. BOLDER.

Service With a Global Perspective

StandardAero's Service Centers are strategically located around the world, providing quick, convenient, and reliable solutions for your engines:

Overhaul Locations

Brisbane

30 Industry Court
Brisbane, QLD, Australia 4009
Tel: +61.7.3268.0000

Gonesse

1 Bd du 19 mars 1962
Gonesse, Cedex France
Tel: +33 (0)1 30.18.54.44

Johannesburg

Hangar 25, Lanseria International Airport
Lanseria, South Africa 1748
Tel: +27.11.701.3035

Summerside

800 Aerospace Blvd., Hangar 8
Slemon Park, PE Canada C0B 2A0
Tel: +1 902.436.1333

Service Center Locations

Belo Horizonte

Av. Professor Magalhães
Penido, Belo Horizonte, Brazil
Tel: +55 (31).3441.7169

Calgary

15-47 Aero Drive NE,
Calgary, AB, Canada
Tel: +1.877.566.7626

Grapevine

600 E. Dallas Road, Ste 400,
Grapevine, TX, USA
Tel: +1.817.416.7926

Nairobi

Langata Road, Wilson Airport
Nairobi, Kenya
Tel: +254.713.900.271

New London

40591 Airport Road,
New London, NC 28127, USA
Tel: +1 704.983.7991

Phoenix

21625 N. Central Ave. Ste 104,
Phoenix, AZ 85024, USA
Tel: +1 623.824.7961

Pittsburgh

650 Airport Road,
Washington, PA 15301, USA
Tel: +1 724.206.2320

Portsmouth

Robinson Way, Portsmouth,
Hants PO3 5TH, UK
Tel: +44 (0)23.9230.4367

Seletar

100 Seletar Aerospace View,
Singapore 797507
Tel: +65.6715.2100

St. Louis

567 Bell, No. 100,
Chesterfield, MO 63005, USA
Tel: +1 636.537.9955

West Palm Beach

2049 High Ridge Road,
Boynton Beach, FL 33426,
USA Tel: +1 561.734.0121

Contact us anytime at PT6A@StandardAero.com