

StandardAero PT6A

TRAINING COURSES

StandardAero offers a number of comprehensive customer training programs. These courses range from high level troubleshooting lectures aimed at providing a basic education of the PT6A engine, to hands-on courses that allow experienced engineers and technicians to develop their understanding of hot section maintenance. StandardAero's experienced training professionals will go above and beyond, working with you to provide programs that match your needs, at either your facility or ours.

Standard courses offered for the PT6A engine are outlined below:

PT6A SMALL, MEDIUM or LARGE SERIES TURBOPROP HEAVY MAINTENANCE COURSE

- Course Objectives:** Provides information necessary to understand and troubleshoot engine systems, perform Hot Section Inspections including changing the CT Vane and grinding CT Shroud Segments, and provides necessary information to perform all approved accessory gearbox maintenance
- Approvals:** Transport Canada Approved per Airworthiness Manual 566
- Recommended For:** FBOs, approved maintenance facilities, experienced aircraft maintenance engineers and Airframe and Powerplant mechanics, and apprentice AME's seeking basic knowledge of the PT6A engine
- Type of Presentation:** 50% lecture and demonstration and 50% hands-on
- Course Duration:** 40 hours over 5 days
- Course Locations:** StandardAero's Overhaul Facility in Winnipeg, Canada, StandardAero Service Centers, or customer facilities

PT6A TURBOPROP REFRESHER and TROUBLESHOOTING COURSE

- Course Objectives:** Overview of engine components and construction, review the engine systems, engine performance and rating philosophy, engine adjustments, operational cause and effect, and troubleshooting tools
- Recommended For:** Engine maintenance personnel seeking knowledge of the PT6 engine systems and troubleshooting principles, aircraft owners, and pilots
- Type of Presentation:** Lecture and group discussion
- Course Duration:** 24 hours over 3 days
- Course Locations:** StandardAero's Overhaul Facility in Winnipeg, Canada, StandardAero Service Centers, or customer facilities

PT6A SERIES TURBOPROP HOT SECTION TRAINING COURSE

- Course Objectives:** To perform Hot Section Inspections including changing the CT Vane and grinding CT Shroud Segments, and provide necessary information to perform all approved accessory gearbox maintenance
- Recommended For:** FBOs, approved maintenance facilities, and experienced aircraft maintenance engineers and Airframe & Powerplant mechanics
- Type of Presentation:** 30% lecture and demonstration and 70% hands-on
- Course Duration:** 24 hours over 3 days
- Course Locations:** StandardAero's Overhaul Facility in Winnipeg, Canada, StandardAero Service Centers, or Customer Facilities



StandardAero

A **DOE** Company



PT6A OVERHAUL

More Capability: PT6A Overhaul

StandardAero is a Pratt & Whitney Canada Designated Overhaul and Repair Facility for the PT6A engine. Our focus is on continually improving engine reliability, while providing innovative solutions that offer long-term savings to operators. StandardAero offers a broad range of services including basic MRO, field service support and engine upgrades.

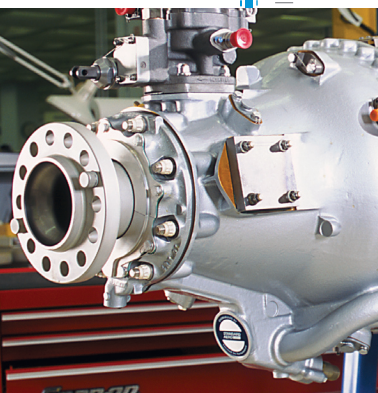
- *StandardAero's lease pool has more than 70 PT6A engines to reduce operator downtime*
- *On-site engineering support is provided throughout the overhaul process to ensure quality & durability*
- *Component repairs are completed on-site to reduce turn around time and control quality*
- *Dedicated engine teardown cell provides serviceable material for overhaul & repair*

PT6A REPAIR SERVICES

StandardAero strives to ensure you receive the highest quality product, as quickly as possible, and at a reasonable price.

In order to enable the quickest possible service, StandardAero's worldwide service centers are strategically located to support all its customers. Additionally, teams of certified technicians and trained specialists are available to assist your on-site team at a moment's notice to minimize disruption to your operations.

	Tilburg The Netherlands	Pretoria South Africa	Calgary Alberta	Toronto Ontario	Winnipeg Manitoba	Maryville Tennessee	Sydney Australia	On-Site
Hot Section Inspection & Repair	●	●	●	●	●	●	●	●
FOD Inspection & Repair	●				●	●	●	
Low-Cycle Fatigue Replacement	●				●	●		
Power Section Repair	●				●	●		
Light Overhaul	●				●	●		
Engine Investigation					●	●		
MIO Inspection & Repair	●				●	●		
On-Site Test Cell	●				●	●		
Troubleshooting Technical Support	●	●	●	●	●	●	●	●
Borescope Inspections	●	●	●	●	●	●	●	●



For more information on any of StandardAero's extensive PT6A capabilities, please contact your sales representative at +1.800.204.4105 or visit www.standardaero.com.

