

PROFESSIONAL AVIATION MAINTENANCE TRAINING

P&WC PT6A – Large Series Line & Base Maintenance

Including OLT General Familiarization – Level 1

Course Information

Course Description – 5 Day Course

The PT6A Large Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PT6A Series Engines. The course is a combination of theory and practical activities, including an online pre-course study review course.

Instructor Led Training Course Objectives:

Special emphasis is placed on safety, component location, system normal and abnormal operation and indication, routine service / maintenance requirements and basic troubleshooting of the engine systems.

Online Training (OLT) Pre-Course Review:

Covers a brief overview of the engine, engine systems and engine to aircraft interface, and includes five modules, along with engine layout and characteristics. It defines the general layout of the engine major systems and identifies maintenance items important to the engine. The course also covers relevant safety precautions.

FAA - FlightSafety Material Number	302925
EASA – FlightSafety Material Number	302926
CASA – FlightSafety Material Number	302932
TC – FlightSafety Material Number	302927
DGCA – FlightSafety Material Number.....	302939

Pre-Course Review Online Training Hours

General Familiarization – Level 1

Course Modules

- Introduction
- Course Navigation
- Engine / Aircraft Introduction
- Engine Characteristics
- Engine Systems
- Engine Control Interface
- Publications / Engine Life Limits
- Review and Exams

Training Hours4.00

Instructor Led Course Modules Hours

Air System	0.25
Engine	4.00
Engine Control Interface.....	0.75
Engine Overview	1.00
Fuel System	4.00
Gearbox.....	1.50
Indicating System.....	1.25
Ignition System.....	0.25
Limits and Maintenance Checks.....	1.50
Oil System	2.00
Propellers	2.25
Standard Practices	0.50
Starting System	0.25
Ground School Training Hours	19.50

Academic Course Modules Hours

Practical Training.....	8.00
Welcome/Introduction.....	1.00
Review and Exams.....	1.50

Total Hours 30.00

Applicable Models: PT6A-52, 60A, 60AG, 61, 64, 65AG, 65AR, 65B, 65R, 66, 66A, 66B, 66D, 67, 67A, 67AF, 67AG, 67AR, 67B, 67D, 67F, 67P, 67R, 67T

Approvals and Limitations

FAA IA renewal Accepted

Accredited for IA refresher training under Title 14 CFR part 65, § 65.93(a)(4)

EASA Approved B1/B2-T1/T2 (Theory & Practical)

CASA Approved B1-T1 (Theory & Practical)

DGCA Approved B1 (Theory & Practical)

Transport Canada Approved

Courses conducted at West Palm Beach and Brisbane are NOT DGCA Approved.

Training Locations

Contact the Montreal Learning Center for the locations below:

- Bengaluru (Bangalore), India
- Botucatu, Brazil
- Haikou, China
- Lanseria, South Africa

Montreal, Canada • 800-573-4025 • 514-631-2084 • montreal@flightsafety.com

Mudjimba, Australia • 888-782-5274 • 817-554-4102 • australia@flightsafety.com

Paris, France • +33 1-49-92-1919 • paris@flightsafety.com

West Palm Beach, Florida • 800-769-6763 • 561-515-2900 • westpalm@flightsafety.com

Wichita, Kansas • 800-491-9796 • 316-361-3900 • wichitamaintenance@flightsafety.com