

PROFESSIONAL AVIATION MAINTENANCE TRAINING

P&WC PT6A - Small Series Line & Base Maintenance

Course Information

Course Description – 5 Day Course

The PT6A Small Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PT6A Small 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	302919
EASA - FlightSafety Material Number	302920
TC - FlightSafety Material Number	302921
CASA - FlightSafety Material Number	302930
DGCA – FlightSafety Material Number	302938

Pre-Course Review Online Training Hours

General Familiarization – Level 1

Course Modules

- Introduction
- Course Navigation
- Engine / Aircraft Introduction
- Engine Characteristics
- Engine Systems
- Propeller Systems
- Publications
- Review and Exams

Training Hours Approximately 4.00

Instructor Led Course Modules Hours

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

Academic Course Modules Hours

Practical Training (PTAL 1.0)	8.00
Welcome/Introduction	1.00
Review/Exam	1.50

Total Hours 30.00

Applicable Models: PT6A-11, 11AG, 15AG, 21, 27, 28, 34, 34AG, 35, 36, 110, 112, 114, 114A, 121, 135, 135A, 140, 140AG

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 B1.1	Theory/Practical
Transport Canada Approved	
DGCA Approved B1	(Theory & Practical)

Training Locations

- Bengaluru (Bangalore), India • 800.573.4025 • 514.531.2084 • montreal@flightsafety.com
 - Botucatu, Brazil • 800.573.4025 • 514.631.2084 • montreal@flightsafety.com
 - Haikou, China • 800.573.4025 • 514.631.2084 • montreal@flightsafety.com
 - Lanseria, South Africa • 800.573.4025 • 514.631.2084 • montreal@flightsafety.com
 - 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
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