

PROFESSIONAL AVIATION MAINTENANCE TRAINING

P&WC PT6A - Small Series Line & Base Maintenance

2018 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.

Please contact your Regional Sales Manager or the Center Sales Manager for pricing.

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

Engine Overview	1.00
ATA 05 – Time Limits and Maintenance Checks...	0.50
ATA 70 – Standard Practices	0.50
ATA 72 – Engine	6.00
ATA 75 – Bleed Air	0.50
ATA 79 – Engine Oil.....	2.50
ATA 73 – Engine Fuel and Control.....	4.00
ATA 74 – Ignition System.....	0.50
ATA 77 – Engine Indicating System	1.00
ATA 61 – Propeller and Propeller Control	1.50
ATA 71 – Powerplant	0.50
Airworthiness Limitations.....	0.50
Ground School Training Hours	19.00

Academic Course Modules Hours

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

Total Hours..... 30.00

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

Approvals and Limitations

FAA IA renewal Accepted

This course is approved under Order 8900.1, Volume 3, Chapter 56, paragraph (B)(4)

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

CASA Approved FSI83T/P B1.1 Theory/Practical

Transport Canada Approval Number: 2011-02-7325

*** DGCA Approved B1 (Theory & Practical)**

* Approval only at the Montreal Learning Center at this time.

Training Locations

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