

P&WC PT6A - Small Series Line & Base Maintenance

5 DAY COURSE

In-Center or Online Instructor-led LiveLearning®

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.

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 Hours19.50

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, 140A, 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 (TC)

DGCA Approved B1 (Theory & Practical)

FATA Approved B1 (Theory & Practical)

UKCAA Approved B1-T1 (Theory & Practical)

Courses conducted at Botucatu, Haikou and South Africa are FAA approved.

Courses conducted at Montreal are FAA, EASA, CASA, TC and DGCA approved.

Courses conducted at Mudjimba are FAA, EASA, and CASA approved.

Courses conducted at Paris are FAA, EASA, CASA, TC, UKCAA, and FATA approved.

Courses conducted in Wichita are FAA EASA, CASA, TC, and UKCAA approved.

FOR MORE INFORMATION, CONTACT: +1 201.231.8663 or sales@flightsafety.com

Internal Use Only:
302919
LL - 307767

TRAINING LOCATIONS

Botucatu, Brazil
Montreal, Canada

Mudjimba, Australia
Paris, France

Singapore
South Africa

Wichita, Kansas