

P&WC PT6A - Medium Series Line & Base Maintenance

5 DAY COURSE

INCLUDING OLT GENERAL FAMILIARIZATION – LEVEL 1 In-Center or Online Instructor-led LiveLearning®

The PT6A Medium Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PT6A Medium 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
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/Exam	1.50

Total Hours 30.00

Applicable Models: PT6A-41, 42, 42A, 45A, 45B, 45R

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

UKCAA Approved B1-T1 (Theory & Practical)

Courses conducted at Botucatu and Kaikou are FAA approved.

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

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

Courses conducted at Paris are FAA, EASA, DGCA, Transport Canada, and UKCAA approved.

Courses conducted at Wichita are FAA, EASA, CASA, DGCA, Transport Canada, and UKCAA approved.

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

Internal Use Only:

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TRAINING LOCATIONS

Botucatu, Brazil
Montreal, Canada

Paris, France
Singapore

Wichita, Kansas