

P&WC PT6A – Large Series Line & Base Maintenance

5 DAY COURSE

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

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.

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 Hours 4.00

INSTRUCTOR LED COURSE MODULES HOURS

Air System0.25
Engine4.00
Engine Control Interface0.75
Engine Overview1.00
Fuel System4.00
Gearbox1.50
Indicating System1.25
Ignition System0.25
Limits and Maintenance Checks1.50
Oil System2.00
Propellers2.25
Standard Practices0.50
Starting System0.25

Ground School Training Hours 19.50

ACADEMIC COURSE MODULES HOURS

Practical Training 8.00
Welcome/Introduction 1.00
Review and Exams1.50

Total Hours 30.00

Applicable Models: PT6A-52, 60A, 60AG, 61, 64, 65AG, 65AR, 65B, 65R, 65SC, 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)

Transport Canada Approved

DGCA Approved B1 (Theory & Practical)

FATA Approved B1 (Theory & Practical)

UKCAA - Approved B1.1 & B2 (Theory & Practical)

Courses conducted at Botucatu and Haikou are FAA approved.

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

Courses conducted at Mudjimba are only FAA, EASA, CASA, TC approved.

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

Courses conducted at West Palm Beach and Wichita are NOT DGCA and FATA approved.

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

Internal Use Only:
302925
LL - 307378

TRAINING LOCATIONS

Botucatu, Brazil
Montreal, Canada
Mudjimba, Australia

Paris, France
Singapore
West Palm Beach, Florida

Wichita, Kansas