



# 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
<b>Ground School Training Hours .....</b>	<b>19.50</b>

### 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**

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

**\*FATA Approved B1** **(Theory & Practical)**

\*Only Paris approved for FATA.

**FOR MORE INFORMATION, CONTACT:** +1 201.231.8663 or [sales@flightsafety.com](mailto:sales@flightsafety.com)

### TRAINING LOCATIONS

Botucatu, Brazil	Montreal, Canada	Paris, France	Wichita, Kansas
Haikou, China	Mudjimba, Australia	South Africa	

#### Internal Use Only:

- FAA - 302919
- FAA LL - 307767
- EASA - 302920
- TC - 302921
- TC LL - 307768
- CASA - 302930
- DGCA - 302938
- FATA - 307776

Rev 17.0.22