

P&WC PW500 Series Line & Base Maintenance

5 DAY COURSE

INCLUDING OLT GENERAL FAMILIARIZATION – LEVEL 1

The PW500 Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PW500 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

Course Introduction
Engine / Aircraft
Engine Characteristics
Engine Systems
Engine Control System
Publications / Engine Life Limits
Course Conclusion

Training Hours Approximately 4.00

INSTRUCTOR LED COURSE MODULES HOURS

Air System	0.50
Diagnostics	1.00
Engine	3.50
Engine Control Interface	2.00
Engine Overview	1.00
Fuel Systems	4.00
Gearbox	1.50
Indicating System	1.25
Ignition System	0.50
Limits and Maintenance Checks	1.50
Oil Systems	2.00
Standard Practices	0.50
Starter System	0.25
Ground School Training Hours	19.50

ACADEMIC COURSE MODULES HOURS

Practical Training	8.00
Welcome/Introduction	1.00
Review and Exam	1.50

Total Hours **30.00**

Applicable Models: PW530A, 535A, 535B, 535E, 535E1, 545A, 545B, 545C, 545D,

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 (Limited Theory & Practical)

Transport Canada Approved

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

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

TRAINING LOCATIONS

Wichita, Kansas
Paris, France

Internal Use Only:

302844
LL - 307765