

P&WC PW100 Series Line & Base Maintenance

5 DAY COURSE

INCLUDING OLT GENERAL FAMILIARIZATION – LEVEL 1

The PW100 Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PW100 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 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 Introduction
Engine Characteristics
Engine Systems
Engine Control System
Performance
Publications / Engine Life Limits
Course Conclusion

Training Hours **Approximately 4.00**

INSTRUCTOR LED COURSE MODULES HOURS

Air System	1.00
Engine	3.00
Engine Control Interface	1.00
Engine Overview	1.00
Diagnostic	1.00
Fuel System	3.00
Gearbox	0.50
Indicating System	1.50
Ignition System	0.50
Limits and Maintenance Checks	1.50
Oil System	3.00
Propellers	1.00
Standard Practices	1.00
Starting System	0.50

Ground School Training Hours **19.50**

ACADEMIC COURSE MODULES HOURS

Practical Training	8.00
Welcome/Introduction	1.00
Exam/Review	1.50

Total Hours **30.00**

Applicable Models: PW118, 118A, 118B, 119B, 119C, 120, 120A, 121, PW121A, 123, 123B, 123C, 123D, 123E, 123AF, 124B, 125B, 126, 126A, 127, 127B, 127D, 127E, 127F, 127G, 127H, 127J, 127M, 127N, 127XT-M

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)
DGCA Approved B1	(Theory & Practical)
Transport Canada Approved	(Theory & Practical)
UKCAA Approved B1.1 & B2	(Theory & Practical)
FATA Pending B1	

Not all locations conduct every regulatory approval listed above. To determine which location is approved for the desired regulatory authority, contact sales.

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

Internal Use Only:
302934

TRAINING LOCATIONS

Botucatu, Brazil	Montreal, Canada	Paris, France
Dallas South, Texas	Mudjimba, Australia	Singapore