



# P&WC PW305 Series Line & Base Maintenance

## 5 DAY COURSE

### INCLUDING OLT GENERAL FAMILIARIZATION – LEVEL 1

The PW305 Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PW305 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

Engine Overview .....	1.00
Airworthiness Limits.....	0.50
ATA 05 Time Limits and Maintenance Checks.....	1.00
ATA 70 Standard Practices .....	0.50
ATA 71 Powerplant General .....	1.00
ATA 72 Engine.....	5.00
ATA 73 Engine Fuel and Control.....	3.00
ATA 74 Ignition.....	0.50
ATA 75 Bleed Air .....	1.00
ATA 77 Engine Indicating Systems .....	2.00
ATA 79 Engine Oil .....	2.00
Diagnostics .....	1.50

**Ground School Training Hours** ..... 19.00

### ACADEMIC COURSE MODULES HOURS

Practical Training .....	8.00
Welcome/Introduction.....	1.00
Review and Exam .....	1.50

**Total Hours** ..... 30.00

**Applicable Models:** PW305A, 305B

### 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**

**FOR MORE INFORMATION, CONTACT:** +1 201.528.0170 or [sales@flightsafety.com](mailto:sales@flightsafety.com)

### TRAINING LOCATIONS

Dallas South, Texas

Internal Use Only:

FAA - 302847  
EASA - 302848  
TC - 302849  
CASA -302861