

PROFESSIONAL AVIATION MAINTENANCE TRAINING

# P&WC PW307 Series Line & Base Maintenance

## Including OLT General Familiarization – Level 1

### Course Information

#### Course Description – 5 Day Course

The PW307 Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PW307 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.

FAA - FlightSafety Material Number ..... 302866  
 EASA – FlightSafety Material Number ..... 302867  
 TC – FlightSafety Material Number ..... 302868  
 CASA – FlightSafety Material Number ..... 302869

#### Pre-Course Review Online Training Hours

#### General Familiarization – Level 1

##### Course Modules

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  
 Starting System .....0.25

**Ground School Training Hours .....19.50**

#### Academic Course Modules Hours

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

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

**Applicable Models: PW307A/PW307D**

#### 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**

#### Training Locations

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