

PROFESSIONAL AVIATION MAINTENANCE TRAINING

# P&WC PW615F/617F Series Line & Base Maintenance

## Including OLT General Familiarization – Level 1

### Course Information

#### Course Description – 4 Day Course

The PW615/PW617 Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PW615/PW617 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 ..... 302874  
 EASA – FlightSafety Material Number ..... 302875  
 CASA – FlightSafety Material Number ..... 302876  
 DGCA – FlightSafety Material Number ..... 306298

#### Pre-Course Review Online Training Hours

##### General Familiarization – Level 1

##### Course Modules

Introduction  
 Course Navigation  
 Engine / Aircraft Introduction  
 Engine Characteristics  
 Engine Systems  
 Engine Control Interface  
 Publications / Engine Life Limits  
 Review and Exams

**Training Hours ..... Approximately 4.00**

#### Instructor Led Course Modules Hours

Air System ..... 1.00  
 Diagnostics ..... 1.00  
 Engine ..... 3.00  
 Engine Overview ..... 1.00  
 Engine Control Interface ..... 1.50  
 Fuel System ..... 2.50  
 Gearbox ..... 0.50  
 Ignition System ..... 0.50  
 Indicating System ..... 1.00  
 Oil System ..... 1.50  
 Standard Practices ..... 0.50  
 Start Procedures ..... 0.50  
 Time Limits and Maintenance Checks ..... 1.00

**Ground School Training Hours ..... 15.50**

#### Academic Course Modules Hours

Practical Training ..... 6.00  
 Welcome/Introduction ..... 1.00  
 Review and Exam ..... 1.50

**Total Hours ..... 24.00**

**Applicable Models:** PW 615F-A, 617F-E, PW617F1-E

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

Courses conducted at Paris and Montreal are NOT DGCA Approved.”

#### Training Locations

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