

PROFESSIONAL AVIATION MAINTENANCE TRAINING

P&WC PW610F-A Line & Base Maintenance

Including OLT General Familiarization – Level 1

Course Information

Course Description – 4 Day Course

The PW610 Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PW610 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 302870
 EASA – FlightSafety Material Number 302871
 CASA – FlightSafety Material Number 302873

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

- Engine Overview1.00
- Airworthiness Limitations.....0.50
- ATA 05 – Time Limits and Maintenance Checks...0.50
- ATA 70 – Standard Practices0.50
- ATA 71 – Powerplant1.00
- ATA 72 – Engine2.00
- ATA 73 – Engine Fuel and Control.....2.50
- ATA 74 – Ignition System.....0.50
- ATA 75 – Bleed Air0.50
- ATA 77 – Engine Indicating System1.00
- ATA 79 – Engine Oil.....2.50
- Diagnostics.....1.00

Ground School Training Hours13.50

Academic Course Modules Hours

- Practical Training (PTAL 1.0)8.00
- Welcome/Introduction.....1.00
- Review.....1.50

Total Hours..... 24.00

Applicable Models: PW610F-A

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 FSIT/P B1.3 Limited Theory/Practical

Training Locations

Montreal, Canada • 800-573-4025 • 514-631-2084 • montreal@flightsafety.com
 Paris, France • +33 1-49-92-1919 • paris@flightsafety.com
 Wichita, Kansas • 800-491-9796 • 316-361-3900 • wichitamaintenance@flightsafety.com