

PROFESSIONAL AVIATION MAINTENANCE TRAINING

P&WC PW150 Series Line & Base Maintenance

Including OLT General Familiarization – Level 1

Course Information

Course Description – 7 Day Course

The PW 150 Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PW 150 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 302916
 EASA – FlightSafety Material Number 302917
 TC – FlightSafety Material Number 302918
 CASA – FlightSafety Material Number 302929
 DGCA – FlightSafety Material Number..... 302939

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
 ATA 70 Standard Practices 0.50
 ATA 72 Engine 5.00
 ATA 75 Bleed Air 1.50
 ATA 73 Fuel and Control System 7.00
 ATA 74 Ignition System 0.50
 ATA 79 Engine Oil 2.00
 ATA 77 Engine Indicating 2.00
 Diagnostics 4.00
 ATA 71 Powerplant Adjustments 1.50
 ATA 05 Time limits and Maintenance Checks 1.50

Ground School Training Hours 26.50

Academic Course Modules Hours

Practical Training (PTAL 1.0) 12.00
 Welcome/Introduction 1.50
 Course Conclusion 0.50
 Review and Exams 1.50

Total Hours 42.00

Applicable Models: PW150A

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-T1 (Theory & Practical)
CASA Approved FSI91T/P B1.1 Limited Theory/Practical

Transport Canada Approved
DGCA Approved B1-Level III (Theory & Practical)

Training Locations

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