

PROFESSIONAL AVIATION MAINTENANCE TRAINING

P&WC PT6B-37 Series Line & Base Maintenance

Including OLT General Familiarization – Level 1

Course Information

Course Description – 5 Day Course

The PT6B-37A Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PT6B-37A 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 302955
 EASA - FlightSafety Material Number 302956
 TC - FlightSafety Material Number 302957
 CASA - FlightSafety Material Number 302964

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

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 1.50
 ATA 72 Engine 3.50
 ATA 73 Engine Fuel and Control 4.00
 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 1.50
 Review 1.50

Total Hours 30.00

Applicable Models: PT6B-37A

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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 Montreal, Canada • 800-573-4025 • 514-631-2084 • montreal@flightsafety.com