

PROFESSIONAL AVIATION MAINTENANCE TRAINING

P&WC PW100 Series Line & Base Maintenance

Including OLT General Familiarization – Level 1

Course Information

Course Description – 5 Day Course

The PW100 Series Initial Maintenance Course is designed to meet the needs of a Maintenance Technician in maintaining the PW100 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	302934
EASA – FlightSafety Material Number	302935
TC – FlightSafety Material Number	302936
CASA – FlightSafety Material Number	302937
DGCA – FlightSafety Material Number.....	306211

Pre-Course Review Online Training Hours

General Familiarization – Level 1

Course Modules

- Course Introduction
- Engine / Aircraft Introduction
- Engine Characteristics
- Engine Systems
- Engine Control System Performance
- Publications / Engine Life Limits
- Course Conclusion

Training Hours.....Approximately 4.00

Instructor Led Course Modules Hours

Air System	1.00
Engine	3.00
Engine Control Interface.....	1.00
Engine Overview	1.00
Diagnostic	1.00
Fuel System	3.00
Gearbox	0.50
Indicating System	1.50
Ignition System	0.50
Limits and Maintenance Checks.....	1.50
Oil System	3.00
Propellers	1.00
Standard Practices	1.00
Starting System	0.50
Ground School Training Hours	19.00

Academic Course Modules Hours

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

Total Hours..... 30.00

Applicable Models: PW118, 118A, 118B, 119B, 119C, 120, 120A, 121, PW121A, 123, 123B, 123C, 123D, 123E, 123AF, 124B, 125B, 126, 126A, 127, 127B, 127C, 127D, 127E, 127F, 127G, 127H, 127J, 127M, 127N

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)

Transport Canada Approved

Courses conducted at Dallas, Montreal and Brisbane are NOT DGCA Approved.”

Training Locations & Contact Information

Contact the Montreal Learning Center for the locations below:

Bengaluru (Bangalore), India

Botucatu, Brazil

Haikou, China

Lanseria, South Africa

Mudjimba, Australia

flightsafety.com • A Berkshire Hathaway company

Dallas South, Texas • 800-692-2161 • 817-554-6400 • dfwsouth@flightsafety.com

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