

PROFESSIONAL AVIATION MAINTENANCE TRAINING

Embraer EMB-120 (P&WC PW100) Maintenance Initial

Course Information

Course Description – 15 Day Course

The FlightSafety EMB-120 (P&WC PW100) Maintenance Initial course is designed to meet the training requirements of technicians/engineers with limited experience maintaining EMB-120 (P&WC PW100) aircraft.

Client will obtain the ability to recall, interpret, identify, test, troubleshoot and correlate system information applicable to the specific aircraft or engine model. Initial training covers use of OEM documentation, component location, normal operation, inspection, service and repair of aircraft systems.

Course participants will be able to demonstrate proper interpretation and utilization of technical data as well as recall major system and sub-system normal operations, safety precautions, ground handling, and system test procedures.

FlightSafety Material Number 303161

Ground School Course Modules Hours

ATA 100 Publications	1.50
ATA 5-12 Aircraft General	1.50
ATA 21 Air Conditioning	7.00
ATA 22 Auto Flight	2.00
ATA 23 Communication.....	2.00
ATA 24 Electrical.....	9.00
ATA 25 Equipment/Furnishings.....	0.50
ATA 26 Fire Protection	2.50
ATA 27 Flight Controls	7.50
ATA 28 Fuel	6.00
ATA 29 Hydraulics.....	4.00
ATA 30 Ice and Rain Protection	4.00
ATA 31 Indicating and Recording.....	3.50
ATA 32 Landing Gear.....	9.00
ATA 33 Lighting.....	1.00
ATA 34 Navigation	2.00
ATA 35 Oxygen	2.00
ATA 36 Pneumatics.....	3.00
ATA 38 Water/Waste.....	1.00
ATA 49 Auxiliary Power Unit	3.00
ATA 51-57 Structures.....	3.00
ATA 61 Propellers/Propulsion	6.00
ATA 71-80 Powerplant	10.50
Ground School Training Hours	91.50

Academic Course Modules Hours

Welcome/Introduction.....	1.00
Functional Application*	5.00
Review/Exam	12.00

*Required by Transport Canada and requires customer aircraft

Total Hours..... 109.50

Approvals and Limitations

FAA IA renewal Accepted
Accredited for IA refresher training under Title 14 CFR part 65, § 65.93(a)(4)

Transport Canada Approval Number: 2004-06-7198

Training Locations & Contact Information

Houston, Texas • 800-927-1521 • 713-393-8100 • houston@flightsafety.com