



EMB 145 Type Training Syllabus

Transport Canada Approved Type Training Course

A 3 week program designed for the mechanic working on the aircraft.

The EMB 145 type course will provide the student with the technical knowledge to service and maintain the aircraft in a safe and efficient manner. The course includes system description, details of operation, component location, functional tests and the tasks associated with the technicians' day to day activities. Also described are safety and best maintenance practices unique to the aircraft. The course meets and/or exceeds the requirements as listed in Transport Canada's CAR 566's and the scope detailed by ATA specification 104 level 3.

The extensive use of the actual aircraft for the hands on portion of the course, provides the student with a first hand knowledge of the components. The Flightline Training Services course usually exceeds the 5% hands on requirement of the Transport Canada regulations. Our customers tell us that the technician is more proficient on the aircraft sooner while reducing aircraft downtime and costs.

Flightline Training Services

Tel.: (416) 579-5013 • Fax: (905) 456-8017 • E-mail: phyl@flightlinetraining.com

P.O. Box 92600, 160 Main St. S, Brampton, Ontario L6W 4R1



FLIGHTLINE TRAINING SERVICES



EMB 145 Type Training Syllabus

Pre - requisite: Licensed AME / Equivalent or
Have completed a basic mechanics course (Apprentice)

Pass Mark: 70 %

<u>ATA</u>	<u>TOPIC</u>	<u>HOURS</u>
51 - 55	Intro/general 100	5
5 - 12/25/38	Aircraft Servicing	3
21	Bleed Air/Airconditioning/Pressurization	9
22/23/34	Avionics	10
24	Electrical Power	8
31	Indicating and Recording	3
45	Central Maintenance Computer	2
26	Fire Protection	2
27	Flight Controls	9
28	Airframe Fuel	5
29	Hydraulic Systems	4.5
30	Ice and Rain Protection	5
32	Landing Gear	10
33	Lighting	2
35	Oxygen Systems	1.5
49	Auxiliary Power Unit	4
71/80	Powerplant Systems	13
Review Exams and Administration		9
Total Classroom		105
Practical Training Transport Canada Minimum		5.5
<u>Total</u>		110.5

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