

## SUMMARY

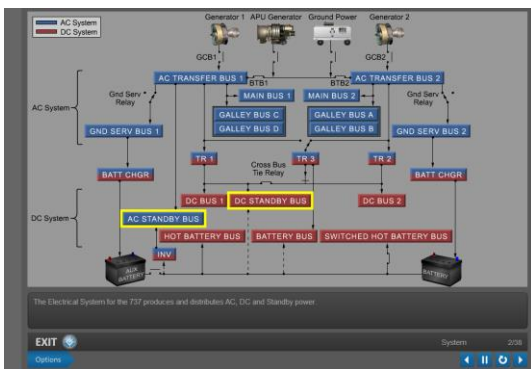
This Pelesys course is an instructor led program and presents aircraft systems in detail, in accordance with ATA Specification 104 level 2 requirements. The course includes complete descriptions of all system Avionics / Airframe / Powerplant systems. The course combines the best of traditional lecture based instructional methods with the latest Computed Based Training technologies. The course covers the Boeing B727-200-300 family of aircraft with GE-90 engines.

The course provides the student with a general knowledge of the theoretical and practical aspects of the aircraft meeting the training standards in accordance with ATA Specification 104 level 2 and EASA Part 66 Appendix III (2) training Level 2 requirements.

The course provides an overview of the airframe, avionics, systems and the powerplant and includes a basic system description of controls, indicators, principal components, including their location and purpose as well as servicing and minor troubleshooting.

The course is conducted in English.

This course may be conducted at any of our facilities or at our customer's facility.

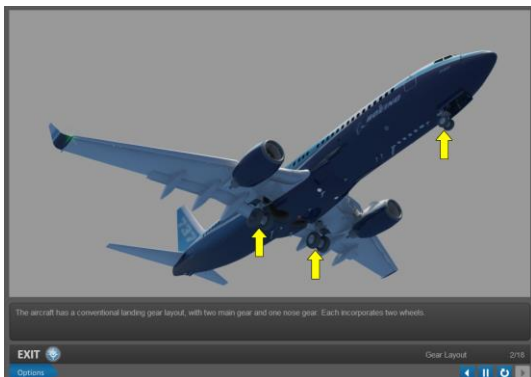


## TARGET POPULATION

This course is designed for certifying aircraft maintenance technicians.

## REGULATORY COMPLIANCE

- EASA / FAA / Transport Canada
- ATA Specification 104 level 2 standards



Versions Available:  
Standard

Course Length:  
70 hr

## Course Objectives:

### Objective 1

Upon completion of the training, the student will be able to:

- (a) provide a simple description of the whole subject, using common words and examples, using typical terms and identify safety precautions related to the airframe, its systems and powerplant;
- (b) identify aircraft manuals, maintenance practices important to the airframe, its systems and powerplant;
- (c) define the general layout of the aircraft's major systems;
- (d) define the general layout and characteristics of the powerplant;
- (e) identify special tooling and test equipment used with the aircraft.

### Objective 2

Upon completion of the training, the student will be able to:

- (f) understand the theoretical fundamentals; apply knowledge in a practical manner using detailed procedures;
- (g) recall the safety precautions to be observed when working on or near the aircraft, powerplant and systems;
- (h) describe systems and aircraft handling particularly access, power availability and sources;
- (i) identify the locations of the principal components;
- (j) explain the normal functioning of each major system, including terminology and nomenclature;
- (k) perform the procedures for servicing associated with the aircraft for the following systems: Fuel, Power Plants, Hydraulics, Landing Gear, Water/Waste, and Oxygen;
- (l) demonstrate proficiency in use of crew reports and on-board reporting systems (minor troubleshooting) and determine aircraft airworthiness per the MEL/CDL;
- (m) demonstrate the use, interpretation and application of appropriate documentation including instructions for continued airworthiness, maintenance manual, illustrated parts catalogue, etc.

<b>B777-200-300</b>	
ATA Chapter	Duration in hours
Manuals	2
21	5
25	2
26	2
27	5
28	4
29	4
30	2
32	4
33	1
35	1
36	3
38	2
49	2
52	2
70-80	7
22	3
23	3
24	5
31	3
34	3
45	3
Exams	2
Total	70