

PC-12 | APEX / ACE Avionics

2 Days
PROGRAM LENGTH

8.0 hrs
GROUND SCHOOL

4.0 hrs
SIMULATOR

APEX / ACE avionics course in the PC-12.

Day	Ground School	Simulator Training
1	G1.1 CAE Crew Training App G1.2 Glass Cockpit Overview G1.3 Primary Flight Display G1.4 Smartview Synthetic Vision G1.5 PFD Controller G1.6 Audio Control Panel G1.7 Flight Controller G1.8 AP/FD Modes & Annunciations G1.9 Autothrottle G1.10 Multifunction Controller & CCD G1.11 Radio Tuning Function G1.12 Situational & Systems Multifunction Display G1.13 FMS Overview G1.14 FMS Initialization G1.15 Charts & Maps	S1.1 Systems Integration Training S1.2 Normal Checklists S1.3 FMS Initialization S1.4 VFR Procedures S1.5 IFR Procedures S1.6 IFR Approach Procedures S1.7 DME Arc S1.8 Autothrottle Usage S1.9 Missed Approach and Holding
2	G2.1 FMS – Entering a Flight Plan G2.2 FMS – Entering Performance Data G2.3 FMS – Takeoff & Climb G2.4 FMS – Approach & Landing G2.5 FMS – Flight Plan Mods G2.6 FMS – Additional Functions G2.7 FMS – Creating Temporary Waypoints G2.8 FMS – Holding G2.9 FMS – VNAV G2.10 FMS – Secondary Flight Plans G2.11 Terrain Awareness & Warning System G2.12 Traffic Alert & Collision Avoidance G2.13 Onboard Weather Radar G2.14 XM Weather Uplink G2.15 Lightning Sensor G2.16 Written Examination Administrative: G2.17 Logbook Endorsements G2.18 Certificate of Completion in the CAE Crew Training App G2.19 FAA WINGS Program Credit G2.20 Complete the Course Survey	S2.1 Systems Integration Training S2.2 Normal Checklists S2.3 FMS Initialization S2.4 Enroute IFR Procedures S2.5 Flightplan Modifications S2.6 Temporary Waypoints S2.7 Vertical Navigation



GUEST WI-FI
NETWORK
CAE WiFi
PASSWORD
A1rbr8ke



CAE Crew Training App

Download before your first day for your schedule and pre-study material. App Store, for iPad and iPhone — or sign in at crewtraining.cae.com from any browser.



PC-12 Calculator

Official Pilatus weight, balance and performance tool — takeoff, climb, cruise, landing and crosswind. App Store; [View on the App Store](#). Pilatus states it is for plausibility checks only — the AFM governs.



PC-12 eQRH

Official Pilatus electronic Quick Reference Handbook — emergency and abnormal procedures drawn from the approved AFM. App Store; [View on the App Store](#). A pilot assistance tool; the approved QRH/AFM remains the authority.

Training Time Allocation

Component	Per Day	Course Total
Ground School	3.0	6.0
Simulator Brief and Debrief	1.0	2.0
Simulator Training	2.0	4.0
Total Hours of Training after 2 Days: 12.0		

Scan for the References

PC-12 Transition & Avionics — APEX-ACE Avionics

