

PC-12 | 7 Day NGX Initial

7 Days
PROGRAM LENGTH

28.0 hrs
GROUND SCHOOL

14.0 hrs
SIMULATOR

Seven-day initial course in the PC-12 NGX.

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 FMS Overview G1.13 Charts & Maps	S1.1 Normal Procedures Checklist S1.2 Systems Integration Training 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 S1.10 Situational & Systems MFD
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	S2.1 TAWS / TCAS / Weather Radar Checks S2.2 Systems Integration Training S2.3 Normal Checklists S2.4 FMS Initialization S2.5 Enroute IFR Procedures S2.6 Flightplan Modifications S2.7 Temporary Waypoints S2.8 Vertical Navigation
3	G3.1 Aircraft General G3.2 Powerplant G3.3 Fuel System G3.4 Limitations	S3.1 Powerplant Management S3.2 Fuel System Management S3.3 Flight Profiles S3.4 Basic Airwork S3.5 Go-Arounds
4	G4.1 Electrical Systems G4.2 Performance / Flight Planning G4.3 Flight Controls / Wing Flaps	S4.1 Electrical System Checks S4.2 Flight Controls / Flap Checks S4.3 Avionics and Autopilot S4.4 Performance Takeoff & Landing S4.5 Go-Arounds
5	G5.1 Environmental Systems G5.2 Flight Instruments G5.3 Landing Gear	S5.1 Landing Gear / Environmental System Checks S5.2 System Failure Analysis
6	G6.1 Weight and Balance Procedures G6.2 Anti-ice / Deice	S6.1 Ice Protection System Checks S6.2 High Altitude Flight S6.3 Flight in Icing Conditions

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7	G7.1	Review of Emergency & Abnormal Procedures	S7.1	Line Oriented Flight Training (LOFT)
	G7.2	Written Examination	S7.2	Vertical Navigation (VNAV)
	Administrative:		S7.3	SID (Standard Instrument Departure)
	G7.3	Logbook Endorsements	S7.4	STAR (Standard Terminal Arrival Route)
	G7.4	Certificate of Completion in the CAE Crew Training App		
	G7.5	FAA WINGS Program Credit		
	G7.6	Complete the Course Survey		



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	21.0
Simulator Brief and Debrief	1.0	7.0
Simulator Training	2.0	14.0
Total Hours of Training after 7 Days: 42.0		

Scan for the References
PC-12 NGX — 7 Day Initial
PC-12 NGX Limitations

