



COURSE OUTLINE

Phenom 100

Pilot Initial

Elevate your training experience.

CAE delivers the ultimate flight training experience for pilots of business aircraft. With safe operations as the top priority, our training programs utilize experienced instructors and highly advanced simulation technology. All training is carried out using computer-based tools, flight training devices, and Level D full-flight simulators. But your other needs are also important. That's why we offer convenient and enjoyable locations, unsurpassed service, and tailored programs and schedules that meet your needs.

Phenom 100 pilot initial training is a [14 or 16 day program](#) and is offered in our [Dallas, São Paulo and London Burgess Hill \(coming in Fall 2021\)](#) facilities — course length and days off vary by location and regulatory agency. To ensure that we meet customer needs and provide a training experience true to the aircraft, we tailor training to your schedule and your operational requirements. Work with the team that works with you.

Phenom 100

Pilot Initial



Course overview

Course segments

	Hours
Computer Based Training	23.0
Aircraft Ground Training	29.0
Systems Integration Training	19.0
Practical Test – Oral	2.0
Flight Training – Simulator (Single)	14.0
Flight Training – Simulator (Crew)	28.0
Practical Test – Simulator (Single)	2.0
Practical Test – Simulator (Crew)	4.0

Ground school curriculum

- Pre-Entry Test
- Aircraft General
- Aircraft Flight Manual
- Cockpit Familiarization and Use of Checklists
- Flight Instruments – Normals / Abnormals
- Navigation Equipment – Normals / Abnormals
- FMS Local Area Navigation
- Auto Flight System – Normals / Abnormals
- Communication Equipment – Normals / Abnormals
- Electrical – Normals / Abnormals
- Fuel – Normals / Abnormals
- Powerplant – Abnormals
- Fire Protection – Normals / Abnormals
- Hydraulic – Normals / Abnormals
- Landing Gear and Brakes – Normals / Abnormals
- Air Conditioning and Pressurization – Normals / Abnormals
- Ice and Rain – Normals / Abnormals

- Oxygen – Normals / Abnormals
- Flight Controls – Normals / Abnormals
- Lighting – Initial
- Emergency Equipment
- Aircraft Servicing
- Exterior Preflight Inspection
- Flight Profiles and Maneuvers
- Weight and Balance
- Performance and Limitations Review
- Flight Planning and Performance
- Oral Portion of the Practical Test (FAA only)

Simulator sessions

- Normal Maneuvers and Procedures
- Abnormal and Emergency Procedures
- Engine-Out Procedures
- Cold Weather Operations
- Hot Weather Operations
- Recommendation and Review
- LOFT

Differences training

- EMB-500 to 505 Differences
- Garmin 1000 / Garmin 3000 Differences
- EASA Multi-Pilot to Single-Pilot Transition
- EASA Single-Pilot to Multi-Pilot Transition

Simulator profiles

Dallas	Approvals	Avionics Suite	Sim level
	FAA TC EASA ANAC CAAC	Garmin 1000	D
London Burgess Hill (Coming in Fall 2021)	Approvals	Avionics Suite	Sim level
	EASA	Garmin 3000	D
São Paulo	Approvals	Avionics Suite	Sim level
	FAA ANAC	Garmin 1000	D

Your worldwide training partner of choice

