



COURSE OUTLINE

Falcon 50/50EX

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 C and 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.

Falcon 50/50EX pilot initial training is a [13-day program](#) and is offered in our [Dallas](#) facility — days off not included. 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. So work with the people who work with you.

Your worldwide training partner of choice



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Pilot Initial



Course overview

Course segments

	Hours
Aircraft Ground Training	56.0
Systems Integration Training	8.0
Practical Test – Oral	2.0
Flight Training – Simulator (Single)	18.0
Flight Training – Simulator (Crew)	24.0
Practical Test – Simulator (Single)	2.0
Practical Test – Simulator (Crew)	4.0

Ground school curriculum

- Aircraft Flight Manual
- Aircraft General
- Electrical – Normals / Abnormals
- Lighting – Initial
- Hydraulic – Normals / Abnormals
- Flight Controls – Normals / Abnormals
- Landing Gear and Brakes – Normals / Abnormals
- Powerplant – Normals / Abnormals
- APU – Normals / Abnormals
- Fuel – Normals / Abnormals
- Air Conditioning and Pressurization – Normals / Abnormals
- Ice and Rain – Normals / Abnormals
- Communication Equipment – Normals
- Flight Instruments – Normals / Abnormals
- Navigation Equipment – Normals / Abnormals
- Auto Flight System – Normals / Abnormals
- FMS Local Area Navigation
- Fire Protection – Normals / Abnormals
- Oxygen – Normals
- Emergency Equipment
- Flight Planning and Performance
- Weight and Balance
- Cockpit Familiarization and Use of Checklists
- Flight Profiles and Maneuvers
- Performance and Limitations Review
- Systems and Procedures Review

Simulator sessions

- Normal Maneuvers and Procedures
- Abnormal and Emergency Procedures
- Engine-Out Procedures
- Cold Weather Operations / LOFT
- Hot Weather Operations / LOFT
- Recommendation and Review
- Simulator Portion of the Practical Test

Differences training

- Falcon 50EX
- Falcon 900B
- Falcon 900EX

Simulator profiles

Dallas	Approvals	Avionics	FMS	Sim level
	FAA - USA TC - Canada EASA ANAC	Collins Pro Line 4	Dual Collins 6100	D

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