



Praetor 600

Course Hours					
COURSE	DAYS	GROUND SCHOOL	BRIEF/DEBRIEF	SIM PF	CHECKRIDE
PIC/SIC INITIAL	19-21	67	12	16	Required
RECURRENT	4-6	16	3.0-4.5	6.0*	Progressive or standalone
AIRLINE TRANSPORT PILOT (ATP)	Pilots that hold a Commercial pilot certificate can obtain ATP rating by completion the initial course.				

Brief = Brief/Debrief, SIM PF = Simulator Pilot Flying

NOTE: Brief and SIM PF time in the table above does NOT include checkride hours. Please see checkride section below for guidance regarding checkrides.

*Hours include checkride.

Location(s): Orlando, Lake Nona Training Center

Simulators: Praetor 600

FAR 142 Approved Differences: Legacy 450, Legacy 500, Praetor 500

Course Duration: All course durations are estimates and may vary slightly depending upon schedule availability.

Course Descriptions

Initial Training:

SIMCOM's Praetor EMB-550 initial courses provide a comprehensive overview of aircraft systems, performance, and procedures. You will have the opportunity to gain knowledge and proficiency in normal and emergency procedures. The combination of our, high fidelity simulators, small class sizes and experienced instructors provides the ideal learning environment. Upon successful completion of the course you will receive a EMB-550 type rating along with instrument proficiency, takeoff and landing currency and a flight review.

Recurrent Training:

SIMCOM's Praetor EMB-550 recurrent courses give you the opportunity to practice normal and emergency procedures using realistic scenario based training. You will also review aircraft systems, performance and procedures. Upon successful completion of the course, you will receive an EMB-550 61.58 proficiency check, along with instrument proficiency and takeoff and landing currency.



Details

Ground School:

- GOS:** General Operational Subjects includes training on the following operational areas:
- Weight and Balance, Planning and Performance
 - Adverse Weather
 - Aircraft Manuals
- AC SYS:** Aircraft Systems segment consist of a breakdown of the various systems of the aircraft.
- SIT/CPT:** Systems Integration Training provides ground instruction that emphasizes the aircraft systems interrelationships. This training includes normal, abnormal and emergency AFM / AOM / checklist procedures, pilot flying ("PF") / pilot monitoring ("PM") duties and other elements of crew coordination, such as avionics / automation management specific to the aircraft. SIT will be conducted in a classroom and by using an appropriate training device.

Simulator Training:

- BRIEF:** Briefing / Debriefing is required for each flight training module.
- Elements of Briefing include the following:
- Weather briefing
 - Performance, weight and balance calculations
 - Maneuvers and procedures
 - Performance standard
 - Any other areas the instructor finds applicable
- Elements of the Debriefing include the following:
- Any highlighted areas of concern
 - Answering trainee questions
 - Preview of the subsequent lesson
 - Any other areas the instructor finds applicable
- SIM PF:** Simulator training modules will consist of Aircraft Orientation, Normal, Abnormal and Emergency Procedures. This training provides instruction to develop the skills necessary to maneuver the aircraft with and without the automatic flight control systems. Selected abnormal and emergency procedures are introduced and practiced. The pilot will become proficient in the use of checklists, precision approaches, non-precision approaches and full integration of avionics systems

Checkride:

- Oral/Check:** Checkrides are required for all courses. Initial, upgrade, sic required limitation removal, and ATP from Recurrent courses require a standalone checkride, while checkrides for Recurrent courses are typically conducted as a progressive check. Checkrides normally consist of a 2 hours Oral Examination, 1.5 hours of Brief/Debrief and 2.5 hours of Simulator.

Prerequisites



Initial PIC:

- **Entry Into Curriculum:** Trainee must hold at least a Private Pilot Certificate with airplane Multi-Engine Land and Instrument Rating without "Centerline Thrust" Limitation.

Recurrent:

- **PIC:** Holds the appropriate EMB-550 type rating

SIC Training:

- Trainee must hold at least a Private Pilot Certificate with airplane Multi-Engine Land and Instrument Rating without "Centerline Thrust" Limitation.
- Trainee seeking an SIC Type Rating may enroll in the long or short Initial SIC course or the SIC recurrent.
 - Applicant must show proof of one takeoff and landing in an EMB-550 to receive SIC type rating from SIMCOM

ATP:

- **Initial:** Trainee seeking an ATP from any course must have completed their ATP written prior to enrollment in addition to meeting the prerequisites of the applicable course.