



Eclipse EA-500S

COURSE	DURATION	GROUND SCHOOL	BRIEF	SIM PF	CHECKRIDE
INITIAL	14 Days	40.0	12.0	16.0	Required for PIC
RECURRENT	2-3 Days	8.0	4.5	6.0**	Progressive or standalone
ATP RECURRENT	3-4 Days	8.0	4.5	6.0	Required

GOS = General Operational Subjects, AC SYS = Aircraft Systems, SIT/CPT = Systems Integration Training/Cockpit Procedures Trainer, 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, Park South Training Center

Simulator: Eclipse EA-500 IFMS

Non-142 Approved Differences: 550

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

GOS: General Operational Subjects includes training on the following operational areas:

- Weight and Balance, Planning and Performance
- Adverse Weather
- Flight Planning
- Approved Aircraft Flight Manual ("AFM") or Aircraft Operating Manual ("AOM")
- Adverse Weather Conditions

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.

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: Checkrides are required for all courses. Initial 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.

Details

Prerequisites

Prerequisites specialty curriculum:

- **Jet Basics training:** The student must be enrolled in an EA-500 Type Rating course.
- **Emergency Situation Training:** Student must hold at least a Private Pilot Certificate, Multi-Engine Land, Instrument Rating, current and valid Third Class Medical Certificate.
- **Online Jet Basics:** Student must be enrolled in an EA-500 Type Rating course.
- **Mentoring Training:** Trainee must hold at least a Private Pilot Certificate, Multi-Engine Land, Instrument Rating without "Centerline Thrust" limitation, current and valid Third Class Medical Certificate. Trainee must have completed an EA-500 or EA-500S PIC type rating course.

Initial:

- **Entry Into Curriculum:** Trainee must hold at least a Private Pilot Certificate with airplane Multi-Engine Land and Instrument Rating without "Centerline Thrust" Limitation. Trainee must meet or satisfactorily obtain exemption from the Jet Basics or Online Jet Basics and the Flight Skills Assessment curricula of the EA-500 Prerequisites Specialty Curriculum.
- **Prior to Qualification Segment:** Trainee must meet the requirements of CFR 61.31 (g) before the qualification segment begins. Trainee must meet or satisfactorily obtain exemption from the Emergency Situation(Aviation Physiology and Reduced Hypoxia) Training curricula of the EA-500 Prerequisites Specialty Curriculum before the qualification segment begins. In addition, the trainee must meet or satisfactorily obtain exemption from the Upset Recovery and Rollover Training requirement specified in AC 61-137 as amended, before the qualification segment begins.
- To be exempt from any of these prerequisites, the applicant must request an exemption from the Training Center Manager or his/her designated representative in writing using the approved forms and be granted the appropriate exemption(s).

Recurrent:

- **PIC:** Holds the appropriate EA-500S type rating
 - **Over 60 Months Recurrent**
 - A stand-alone proficiency check is required.

ATP Recurrent:

- Holds the appropriate EA-500S type rating and meet the requirements of FARs 61.153, 61.155, 61.157, and 61.159.