

Private Pilot Ground School Syllabus

Spring 2020 (*Thursdays at 5:30pm 4/2/20 to 5/21/20*)

Costa Air Service (7N1)
342 Victory Highway
Painted Post, NY 14870
607-962-0053 (office)
607-731-8327 (cell)



Instructor

Jim Doane, CFI, CFII, MEI, MEII, CFGI, ATP

Email

JDoane264@yahoo.com

General Information

Description

This is a complete ground school course covering the training requirements required to achieve an airplane private pilot license. The fee for this course is \$150.

The ground school portion of your flight training is designed to help you achieve a greater understanding of the FAA Private Pilot Airplane Airman Certification Standards. This portion of your training allows for the practice, review, and assessment of all the topics pertinent to a private airplane pilot. This ground school is divided into seven individual lessons, one review session, and three knowledge tests, which are progressively more comprehensive. The total time this ground school is expected to require for completion is approximately 16-24 hours. If a student misses one or two classes, they can reschedule these classes one-on-one with an instructor at no additional fee.

Included Course Materials

- *FAA Pilot's Handbook of Aeronautical Knowledge*. 2016 (free download)
- *FAA Airplane Flying Handbook*. 2016 (free download)
- Detroit VFR Sectional
- Study unit outlines/worksheets
- Snacks

Required Course Materials

- *Gleim Private Pilot FAA Knowledge Test Prep*. (current edition)
- *Gleim Private Pilot Handbook*. (current edition)
- FAR/AIM (current edition)
- Plotter
- E6B

Optional but Suggested Course Materials

- *Gleim Private Pilot Syllabus Sixth Edition*. 2017 (free download)
- *Gleim Pilot Flight Maneuvers and Practical Test Prep*. (current edition)
- *Gleim Private Pilot ACS & Oral Exam Guide*. (current edition)

Course Schedule

Week	Topic	Reading	Approx. Time (hours)
Week 1	Airplanes and Aerodynamics	<i>Pilot Handbook, Study Unit 1</i>	<i>Private Pilot FAA Knowledge Test Prep, Study Unit 1</i> 2.0 - 3.0
Week 2	Airplane Instruments, Engines, and Systems	<i>Pilot Handbook, Study Unit 2</i>	<i>Private Pilot FAA Knowledge Test Prep, Study Unit 2</i> 2.0 - 3.0
Week 3	Airports, Air Traffic Control, and Airspace	<i>Pilot Handbook, Study Unit 3</i>	<i>Private Pilot FAA Knowledge Test Prep, Study Unit 3</i> 2.0 - 3.0
Week 4	Federal Aviation Regulations and Airplane Performance and Weight and Balance	<i>Pilot Handbook, Study Unit 4 & 5</i>	<i>Private Pilot FAA Knowledge Test Prep, Study Unit 4 (except subunit 4.7) & 5</i> 2.0 - 3.0
Week 5	Aeromedical Factors and Aeronautical Decision Making and Aviation Weather	<i>Pilot Handbook, Study Unit 6 & 7</i>	<i>Private Pilot FAA Knowledge Test Prep, Study Unit 6 & 7</i> 2.0 - 3.0
Week 6	Aviation Weather Services and Navigation: Charts, Publications, Flight Computers	<i>Pilot Handbook, Study Unit 8 (except subunit 5) & 9</i>	<i>Private Pilot FAA Knowledge Test Prep, Study Unit 8 & 9</i> 2.0 - 3.0
Week 7	Navigation Systems and Cross-Country Flight Planning	<i>Pilot Handbook, Study Unit 10 & 11</i>	<i>Private Pilot FAA Knowledge Test Prep, Study Unit 10 & 11</i> 2.0 - 3.0
Week 8	End-of-Course Final Review	Final review and <i>optional</i> end-of-course knowledge test	2.0 - 3.0
Total time:			16 - 24