

Agenda

Session 1

Unit 1 Introduction to Course

Study Guide Review	0.5 hr
FAR/AIM, NTSB 830	1.5 hrs

Unit 2 Aerodynamics and Performance

L1 – Aerodynamics	1.0 hr
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Session 2

Progress Check Review	0.5 hr
Unit 2 (cont)	
L2 – Airplane stability, Load factor, and Wake Turbulence	1.5 hrs
L3 – Aircraft performance	1.5 hrs

Session 3

Progress Check Review	0.5 hr
Unit 3 Aircraft Systems and Maintenance	
L1 – Aircraft Systems	2.5 hrs

Session 4

Progress Check Review	0.5 hr
Unit 3 (cont)	
L2 - Aircraft Systems	1.0 hr
Unit 4 Airports, Airspace and Communications	
L1 – Airports	1.5 hrs

Session 5

Progress Check Review	0.5 hr
Unit (cont)	
L2 – Airspace	1.5 hrs
L3 – Communications	1.0 hr

Session 6

Progress Check Review	0.5 hrs
Unit 5 Weather	
L1 – Thunderstorms, and Hazards	1.0 hrs
L2 – Weather Reports and Forecasts	1.5 hrs

Session 7

Progress Check Review	0.5 hrs
Unit 3 Weather (cont)	
L3 – Weather reports and forecasts	1.0 hrs
Unit 6 Navigation	
L1 – Charts and Publications	1.5 hrs

Session 8

Progress Check Review	0.5 hrs
Unit 6 (cont)	
L2 – Principles of Navigation	1.5 hrs
L3 – Publications and Equipment	1.0 hrs

Session 9

Progress Check Review	0.5 hrs
Unit 7 Cross Country	
L1 – Cross country planning	2.5 hrs

Session 10

Progress Check Review	0.5 hrs
Unit 7 (cont)	
L2 – Electronic aids to navigation	1.5 hrs
L3 – Cross country exercise	1.0 hrs

Session 11

Progress Check Review	0.5 hrs
Unit 8 Emergencies	1.0 hrs
Unit 9 Night and Instrument	1.5 hrs
L1 – Night flying	1.0 hrs

Session 12

Progress Check Review	0.5 hrs
Unit 9 Night and Instrument (cont)	
L2 – Instrument flying	1.0 hrs
Unit 10 Aero-medical	1.0 hrs

Close-out	0.5 hrs
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Private Pilot Ground School



SONORAN WINGS
Flight Training Centre, Inc.

www.sonoran-wings.com

The Sonoran Wings Ground School is a 36 hour classroom course conducted in 12 - 3 hour sessions. Currently the course is taught on Monday and Thursday evenings. The course agenda is on the other side of this brochure. This course is designed to help you be a safe and competent pilot. The knowledge content of the course will assist you with studying for the FAA Knowledge test .

There are no prerequisites for the ground school. You can take the course without any previous aviation experience. You may have already started flying , start while attending the course, or wait until you have completed the course.

There are certain reference materials that are necessary. They are:

- FARAIM
- Handbook of Aeronautical Knowledge.
- Airplane Flying Handbook
- Gleim Private Pilot FAA Written Exam Guide

Prior to beginning the course, an FAR Study Guide needs to be completed. This guide covers the Federal Aviation Regulations portion of the FARAIM. The average time for completing the Guide has been about 7 hours.

During the course, there will be homework assignments to be completed before the next session. There will be questions to be reviewed in the Gleim book and references to read in the two FAA Handbooks. Following the lesson on flight planning there will be an assignment to plan a flight.

Each Unit in the course generally will stand alone. Some units require more than 1 session to complete. If a student misses a session, he/she will need to make arrangements to make up the lesson ASAP. Attendance and participation in all sessions is required for a certificate of completion.

The cost of the course is \$450.00. The reference materials are separate or in a Private Pilot Kit that is sold at Sonoran Wings.