

Class Schedule**Bergstrom Aircraft, Inc. Private Pilot Ground School****Session 14-3**

7 pm – 9 pm

Instructor	Lesson No.	Chapter	Date	Topic
D,H,J,W	1	---	Sep 22	Team Introductions. Opportunities, Requirements, Rewards. “Discovering Aviation.”
D	2	1	Sep 25	<u>Arrive at 6:30 pm for Tour</u> ; Aerodyn. principles; four forces, airfoils, stability; three axes, stalls, spins
J	3	2	Sep 29	Engines and associated systems. Electrical system
W	4	3	Oct 2	Aircraft Systems. Flight instruments. Gyroscopes. Pitot-static system. Vacuum system.
H	5	5-1 to 5-19	Oct 6	Flight Environment. Safety; Airport Operations — controlled and uncontrolled; lights.
H	6	8	Oct 9	Airplane Performance. Predicting Performance; Weight and Balance.
D	---	---	Oct 11	<i>Saturday Optional Extra Study Session 9am – 12pm. Must sign up to attend!</i>
D	---	---	Oct 13	Stage I Exam
H, J	7	4	Oct 16	Private Pilot Federal Aviation Regulations (FARs).
D	8	9	Oct 20	Flight Environment. Charts (Sectionals). Airspace and associated requirements.
J	9	11	Oct 23	Communications. Radar; ATC; Radio Procedures; Flight Information.
W	10	6	Oct 27	Meteorology. Basic weather theory. Fronts, clouds, patterns. Hazards to flight.
J	11	7	Oct 30	Interpreting Weather Data. Forecasts; Reports; Products; Sources.
H,J	---	---	Nov 1	<i>Saturday Optional Extra Study Session 9am – 12pm. Must sign up to attend!</i>
J	---	---	Nov 3	Stage II Exam.
W	12	10	Nov 6	Navigation Introduction. Pilotage. VORs, ADFs. Landmarks. Time-distance-speed and wind calcs.
D,H,J,W	13a	9, 11	Nov 10	Cross-country navigation. Begin Class Exercise. <u>You must have a Seattle Sectional Chart.</u>
D,H,J,W	13b	9, 11	Nov 13	Class Exercise Conclusion. Questions and clarifications.
D	14	5-19 to 5-25	Nov 17	Physiology; vision, night flight, aircraft lighting, illusions, vertigo, hypoxia.
D,H,J,W	15	5-25 to end, Chpt 12	Nov 20	Psychology; attitudes, communication, PIC responsibility. Fitness for flight. Class summary, questions.
H,J	---	---	Nov 22	<i>Saturday Optional Extra Study Session 9 am – 12 pm. Must sign up to attend!</i>
J	---	---	Nov 24	Stage III Exam.
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D	---	---	Dec 1	Final Exam A.
J	---	---	Dec 4	Final Exam B.
D,H,J,W	---	---	Dec 11	Ground School End of Class Celebration

Instructors: D=Mr. Tarik Dillsi, AGI, IGI; W=Mr. Gerald Woodcock, AGI, IGI; J=Mr. Walt Josephson, AGI, IGI; H=Dr. Lynn Harbinson, AGI, IGI

To ensure that you derive maximum benefit, please read and study the material prior to the class.

Text is “The Complete Private Pilot”, 10th edition, by Bob Gardner and is available at Bergstrom’s bookstore.