

**AHART AVIATION SERVICES  
PRIVATE PILOT GROUND SCHOOL  
BEGINNING: Tuesday, August 11th, 2009**

CLASS	DAY	DATE	CHAPTER	Tests	TOPIC
1	TUE	8/11	1A & 1B		<b>INTRODUCTION PART I: FUNDAMENTALS OF FLIGHT</b> Models of Aircraft - What's there to fly?
2	THUR	8/13	1C, 2A & 2B		Human Factors & Aircraft Powerplants
3	TUE	8/18	2C & 3A	Quiz (1, 2)	Flight Instruments & The Forces of Flight <b>Maintenance Hanger Visit</b>
4	THUR	8/20	3B, 3C		Stability & Aerodynamics of Maneuvering Flight
5	TUE	8/25	4A, 4B	Quiz (3, 4)	<b>PART II: FLIGHT OPERATIONS Safety of Flight &amp; Airports</b>
6	THUR	8/27	4C		Aeronautical Charts
7	TUE	9/1	4D & 5A	Quiz (5, 6)	Airspace, Radar & ATC Services <b>Livermore Tower Visit</b>
8	THUR	9/3	5B & 5C		Radio Procedures & Sources of Flight Information Discovering Live-ATC
9	TUE	9/8			Airport Procedures, Livermore Tower Lecture
10	THUR	9/10	6A	<b>Exam (1-8)</b>	<b>PART III: AVIATION WEATHER Basic Weather Theory</b>
11	TUE	9/15	6B & 6C		Weather Patterns & Weather Hazards
12	THUR	9/17	7A, 7B, 7C	Quiz (9, 10)	Printed Reports & Forecasts, Sources of Weather Information
13	TUE	9/22	8A, 8B	Quiz (11)	<b>PART IV: PERFORMANCE &amp; NAVIGATION Predicting Performance</b> Aircraft Weight and Balance
14	THUR	9/24	8C & 9A		Flight Computers, Pilotage & Dead Reckoning
15	TUE	9/29	9B, 9C, 9D	Quiz (12, 13)	VOR Navigation, ADF Navigation & Advanced Navigation
16	THUR	10/1	10A, 10B 11, 12		<b>PART V: INTEGRATING PILOT KNOWLEDGE &amp; SKILLS</b> Aeronautical Decision Making, The Flight Planning Process Aviation Physiology, Federal Aviation Regulations (FARS)
17	TUE	10/6		Quiz (14)	Flight Maneuvers #1
18	THUR	10/8			Flight Maneuvers #2
19	TUE	10/13		Quiz (15)	Flight Maneuvers #3
20	THUR	10/15			Flight Maneuvers #4
21	TUE	10/20			Material Review
22	THUR	10/22		<b>Exam (1-15)</b>	<b>FINAL EXAM</b>



## Private Pilot Ground School Beginning Tuesday, August 11th, 2009

Our popular Private Pilot Ground School will begin August 11th. Classes will cover all aspects of flying from basic aerodynamics to radio navigation and cross country flight planning. It will also assist you in preparing for the FAA written exam. The course will last eleven weeks for an approximate 66 hours of instruction.

We have been operating these classes for over 10 years and have had excellent results. Our ground instructors bring thousands of hours of flight and ground training experience to the class and are excited about teaching you the fundamentals of safe flying. Students are strongly encouraged to read and prepare prior to each class to enable the instructor to utilize the class time as efficiently as possible.

The course will be held Tuesday and Thursday evenings, starting promptly at 6:30 PM and lasting until about 9:30 PM. Please refer to the current syllabus for specifics.

Required textbook and materials available through Ahart:

1. Jeppesen Private Pilot Manual
2. FAR/AIM 2009
3. Jeppesen E6B Flight Computer
4. Plotter
5. Sectional & Class B Airspace Chart
6. Private Pilot Test Guide

The classes will be held at Ahart and space is limited so reserve your place as soon as possible. If you have any questions or concerns, please speak with any of our office staff before enrolling.

Jeppesen Videos are available for all students enrolled in the ground school course. You may also attend future Private Ground Schools at no additional cost.

**Course Tuition: \$325 Non-Refundable**  
**Starting Date: August 11th, 2009**