

Outline for Class 1 (9/30/17)

(Phase 1 - 3 Hour Class)

Rev 2-09/17

Subject	Min	Reference(s) Text Book Jeppesen Online	Instructor(s)
Announcements Orientation, Tests, etc. Success Presentation	20		Richard Martin
Jeppesen Online Private Pilot	10	How to Use for this course	Sandy Martin
Airplane Major Parts	10	Text 2-1 thru 2-9 Jeppesen 02 Airplane Systems GL04 Fuselage, Wings, Empenage, Trim Devices, Landing Gear	Hank Bartlett
Aerodynamics Forces acting on the airplane Dynamic Lift - Newton's 3rd Law Induced Lift - Bernoulli Principal Axes of the airplane	40	Text 3-2, 3-3 Text 3-3, 3-4 Text 3-4, 3-6 Text 3-23 thru 3-25 Jeppesen 03 Aerodynamic Principles GL07 Four Forces of Flight Newton's Law Bernoulli's Principle Jeppesen Online GL08 Three Axes of Flight	Josiah Bookman
== BREAK ==		15	
Engines 4 Cycles of a 4 stroke internal combustion engine Introduction to carburetors	20	Text 2-14 thru 2-16 Text 2-18 thru 2-19 Jeppesen 02 Airplane Systems GL05 Engine Operations Induction System	Hank Bartlett
Airspace Altitude Limits Operations in Class B Airspace Student Operations in Class B	20	Slide; Denver Sectional AIM 3-2-3a FAR 91.131(a)(1), (b)(1)(i)&(iv), (c), (d), FAR 91.215(b)(2); AIM 3-2-3(b.1-5.b&c,6); FAR 61.95	Josiah Bookman

Navigating the FAR Sections, Sub-sections & Defns Definitions - Airplane vs. Aircraft	7	FAR [1, 61, 70, 91, NTSB, TSA] FAR 1.1	Josiah Bookman
Navigating the AIM Chapters, Sections	3	AIM [1 thru 9]	Josiah Bookman
== BREAK ==	15		
Private Pilot Tests Knowledge Test vs Practical Test - This course prepares the student for the Knowledge Test	10	FAR 61.103(a)(c)(e)(h), 61.35, 61.37, 61.39(a)	Josiah Bookman
Airman Certification Category and Class for airman (How to remember)	5	FAR 1.1, 61.5(b)	Josiah Bookman
Instruments "6 Pack" Instruments Pitot / Static System - Instruments Vacuum Instruments Vacuum Sources	40	Text 2-47 Text 2-48 thru 2-52, 2-55, 2-61 Text 2-63, 2-64, 2-63, 2-67, 2-68 Text 2-64 Jeppesen 02 Airplane Systems GL06 Introduction Pitot Static Instruments Gyroscopic Instruments	Dave Elliott

FAR/AIM Study for Class 2 Homework

Speed Limit - Below 10,000 feet MSL	FAR 91.117(a)
Medical Certificates	FAR 61.23(a), (d)
Additional Training	FAR 61.31(e), (f), (i)
Flight Review	FAR 61.56(a), (c)
Recent Experience	FAR 61.57(a), (b)

Support Staff