

# Outline for Class 4 (11/11/17)

(Phase 1 - 3 Hour Class)

Rev 2-10/17

Subject	Time / Min	Reference(s) Text Book Jeppesen Online	Instructor(s)
<b>== Test on Class 3 ==</b>	<b>8:30 (30)</b>		
<b>Announcements</b>	9:00 (10)		
<b>Aerodynamics</b> Ground Effect Drag - Parasitic / Induced Glide Speed Glide Speed Ratio Left Turning Tendencies	9:10 (50)	Text 3-18 Text 3-14 thru 3-17 Text 3-52 Text 3-53 Text 3-47 thru 3-50	Josiah Bookman
<b>== BREAK ==</b>	10:00 (15)		
<b>Engines</b> Fuel Injection Advantages Propellers Fixed Pitch Constant Speed Ignition Systems - Dual Detonation Pre-ignition	10:15 (45)	Text 2-21  Text 2-36, 2-37 Text 2-38  Text 2-24 Text 2-25 Text 2-26	Bill Clothier
<b>Instruments</b> Standard Lapse Rate Air Speed Nomenclature IAS, CAS, TAS Turn Coordinator	11:00 (5) 11:05 (15) 11:20 (20)	Text 2-51 Text 2-54, 2-55 Text 2-65	Hank Bartlett
<b>== BREAK ==</b>	11:40 (15)		
<b>Airspace</b> Class G Victor Airway Dimensions Class E	11:55 (20)	AIM 3-3-1 Slides 2 & 3; AIM 3-3-1; FAR 91.126 Denver Sectional Slides 4 thru 7; FAR 71.71, AIM 3-2-6	Josiah Bookman
<b>Class Dismissed</b>	12:30		

### FAR/AIM Study for Class 5 Homework

Minimum Safe Altitudes	FAR 91.119 (a) (b) (c)
Altimeter Settings	FAR 91.121 (a)
ATC Instructions	FAR 91.123
FAR Chapters	FARs 1, 60, 70, 90

### Support Staff