

Outline for Class 5 (Saturday, 11/12/11)

(Phase 2 - 3 Hour Class)

Rev 04-11

FAR/AIM – 15 min		Vann
Minimum Safe Altitudes	FAR 91.119 (a) (b) (c)	
Altimeter Settings	FAR 91.121 (a)	
ATC Instructions	FAR 91.123	
Communications		
Radar – 20 min		John
Primary	Text 5-2	
Secondary	Text 5-3	
MTI		
Transponder – 20 min	Text 5-4 & 5-5	Luke
Test Requirements		
Modes		
Special Squawks		
7500 hijack		
7600 no 2-way communications		
7700 other emergencies		
VFR Squawk		
When to use Standby Mode		
ATIS – 10 min	Text 5-11 & 5-12	Luke
Radio – 20 min		
Explain VHF	Handout	Vann
Radio Layout	Text 5-18	
	Plus Handout (picture of a radio stack)	
Phonetic Alphabet	Text 5-20 & 5-21	
Spoken Numbers	Text 5-22	
Weather – 45 min		
Atmosphere		Mike
Composition	Text 6-4	
Pressure	Text 6-7	
High		
Low		

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Weather - continued		
Down slope Winds Chinook	Text 6-13	Mike
Sea Breeze Day Night	Text 6-11	Mike
Airplane Performance – 30 min		
Density Altitude	Text 8-8 thru 8-10	Bill
Take Off Table Graph	Text 8-6 thru 8-7, also 8-11, Fig 41 (Test Booklet)	Katie/Esther
Airspace – 20 min		Student Inst
Class G (Use computer display)		
Show on chart	Denver Sectional	
Visibility Limits	FAR 91.155, AIM Table 3-1-1	
1200' AGL or Less		
Day		
Night		
1201' AGL but <10,000' MSL		
Day		
Night		
1201' AGL and at or above 10,000 MSL		
Cloud Clearance	FAR 91.155, AIM Table 3-1-1	
1200' AGL or Less		
Day		
Night		
1201' AGL but <10,000' MSL		
Day		
Night		
1201' AGL and at or above 10,000 MSL		
3 hrs 00 min		