

# Outline for Class 5 (MODIFIED) (Saturday, 11/21/09)

(Phase 2 - 3 Hour Class)

Rev 12-09

FAR/AIM – 15 min		Vann	15
Minimum Safe Altitudes	FAR 91.119 (a) (b) (c)		
Altimeter Settings	FAR 91.121 (a)		
ATC Instructions	FAR 91.123		
<b>Airfoil Issues – 10 min (Makeup from Class 3)</b>		<b>Vann</b>	<b>25</b>
<b>Lateral Stability</b>	<b>Text 3-31</b>		
<b>Dihedral</b>	<b>Text 3-31</b>		
Communications			
Radar – 10 min		Vann	35
Primary	Text 5-2		
Secondary	Text 5-3		
Transponder – 15 min	Text 5-4 & 5-5	Bill	50
Test/Inspection 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	Bill (Annika)	1:00
***** BREAK *****			1 hour
Communications (continued)			
Radio – 20 min		Vann	1:20
Explain VHF	Handout		
Radio Layout	Text 5-18		
	Plus Handout (picture of a radio stack)		
Phonetic Alphabet	Text 5-20 & 5-21		
Spoken Numbers	Text 5-22		

# Outline for Class 5 (MODIFIED) (Saturday, 11/21/09)

(Phase 2 - 3 Hour Class)

Weather – 45 min Vann 2:05

Atmosphere

Composition

Text 6-4

Pressure

Text 6-7

High

Low

Down slope Winds

Text 6-13

Chinook

Sea Breeze

Text 6-11

Vann (Sean)

Day

Night

\*\*\*\*\* BREAK \*\*\*\*\* 2 hours 05 min

Airplane Performance – 30 min

Bill 2:35

Take Off

Text 8-6 thru 8-7, also 8-11, Fig 41 (Test Booklet)

Table

Bill (Craig)

Graph

Bill

Density Altitude

Text 8-8 thru 8-9

Airspace – 25 min

Vann (Dan) 3:00

Class G (Use computer display)

Show on chart

Denver Sectional

Visibility & Cloud Clearance 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

\*\*\*\*\* End of Class \*\*\*\*\* 3 hours

3 hrs 00 min + Breaks