

Outline for Class 8 (Saturday, 01/14/12)

(Phase 2 - 3 Hour Class)

Rev 04-11

Comm Card Exercise - 10 min
Departure/Arrival/Local

Vann

FAR/AIM – 10 min

Vann

ELT Requirements

FAR 91.207

Aircraft Lights

FAR 91.209

Supplemental Oxygen

FAR 91.211 (a)

ATC Transponder Use

FAR 91.215 (a) (b) (c)

Communications **40 min for Bill's 3 topics**

Lost Communications Procedures

Text 5-30 thru 5-31

Bill

Emergency Procedures

Text 5-32 thru 5-33

Bill

Emergency Locator Transmitter (ELT)

Text 5-33 thru 5-34, AIM 6-2-5, Bill & Student Inst
Special Handout

BREAK ***** 1:00

Weather – 40 min

John

Weather Hazards

Thunderstorms

Text 6-38 thru 6-43

Turbulence (leave out Wake Turbulence)

Text 6-44 thru 6-51 (less 6-47)

(Wake Turbulence will be presented in Class 12)

Icing

Text 6-53

Rime

Clear

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Airplane Performance	1 hr	(TOTAL)		
Weight and Balance	10 min		Text 8-29 thru	Bill
W&B Terms				
Datum			Text 8/31	
Arm and Moment			Text 8-34 thru 8-36	
BREAK ***** 1:50				
Calculating Weight & Balance	40 min			Bill (All Student Instructors)
Table Method			Text 8-39 thru 8-40, Fig 33 & 34 (Test Booklet)	
Graph Method			Text 8-40, Fig 35 (Test Booklet)	
Effects of CG Out of Limits	10 min		Text 3-26, 3-27, 3-28, 8-44, 8-45	Hunter
Forward				
Aft				
Lateral				
Airspace – 15 min				
Class B (Use Computer Display)				
Show on chart			Denver Sectional	Tyler
Visibility Limits and Cloud Clearance			FAR 91.155(a), AIM Table 3-1-1	Tyler
Special VFR and No Special VFR Rule			FAR 91.157, AIM 4-4-6	Vann

2 hr 55 min + breaks