

## Outline for Class 2 (10/14/17)

(Phase 1 - 3 Hour Class) Rev 1-09/17

Subject	Min	Reference(s)	Instructor(s)
<b>== Test on Class 1 ==</b>		30	
<b>Announcements</b>	10		
<b>Aerodynamics - Airfoil Issues (definitions)</b> Camber Angle of Incidence Angle of Attack	15	Text 3-5, 3-7 Text 3-10 Text 3-5, 3-6, 3-11	
<b>Aerodynamics - Control Surfaces</b> Ailerons Stabilizer Vertical / Horizontal Rudder Elevator	20	Text 2-5 thru 2-6	
<b>Instruments</b> Altimeter - Kohlsman Window	10	Text 2-55	
<b>== BREAK ==</b>		15	
<b>Altitudes</b> Indicated, Calibrated, Pressure, Density, True, Absolute	30	Text 2-56 thru 2-58	
<b>Pitot / Static Problems</b> Blocked Pitot System Blocked Static System	15	Text 2-61 Text 2-63	
<b>Engines</b> Carburetors in Detail Carburetor Heat Magneto System	30	Text 2-18 thru 2-20 Text 2-20 Text 2-24	
<b>== BREAK ==</b>		15	
<b>Time Concepts</b> 24 Hour Clock Time Pronunciations Time Zone Concept	20	PowerPoint Handout	
<b>Airspace - Class C</b> Altitude Limits Outer Area Operating in Class C Airspace	20	Slide Display; Denver Sectional AIM 3-2-4 AIM 3-2-4.c.3. Note 4 AIM 3-2-4.c; FAR 91.130	

### FAR/AIM Study for Class 3 Homework

Maintenance Regulations 91.421	FAR 91.407(b), 91.409(a) (b), 91.417(a)1, (b)1,
Maintenance Authorization & Approval	FAR 43.3, FAR 43.5
Pilot in Command	FAR 91.3, 91.7
Airplane Flight Manual	FAR 91.9(a) (b), Text 2-10, 2-11
Dropping Objects	FAR 91.15