

## Outline for Class 9 (2/3/18)

(Phase 3 - 3 Hour Class)

Rev 1-09/17

Subject	Start / Min	Reference(s)	Instructor(s)
<b>== Test on Class 8 ==</b>	8:30 (30)		
<b>Announcements</b>	9:00 (10)		
<b>Airplane Performance</b> Density Altitude Take Off Table / Graph	9:10 (10) 9:20 (20)	Text 8-8 thru 8-10; Video: Density Altitude <a href="https://youtu.be/Do_4WBmW0XA">https://youtu.be/Do_4WBmW0XA</a>  Text 8-6, 8-7, 8-11; Fig 41 Video: TO and Landing Distance <a href="https://youtu.be/qPiV3_IBnXk">https://youtu.be/qPiV3_IBnXk</a>	Josiah Bookman
<b>== BREAK ==</b>	9:40 (15)		
<b>Airplane Performance - continued</b> Landing Table / Graph Crosswind Limits Hydroplaning	9:55 (20) 10:15 (20) 10:35 (5)	Text 8-15; Fig 38 & 39 Text 8-12; Fig 37 Text 8-14	Josiah Bookman
<b>Navigation</b> Introduction to GPS	10:40 (15)	AIM 1-1-19	Bill Clothier
<b>== BREAK ==</b>	10:55 (10)		
<b>Navigation - Charts</b> Lambert Conformal Conic Projection vs. Mercator Projection Sectional / Local Charts Airport Data Plotter True Course Variation / Course	11:05 (45)	Video: Mercator Lambert <a href="https://youtu.be/T1n1a3P04hg">https://youtu.be/T1n1a3P04hg</a>  Video, Denver Sectional / TAC Video: Charts <a href="https://youtu.be/4l8s70Wvvc0">https://youtu.be/4l8s70Wvvc0</a> ; Chart Legend Video: Checkpoints and Plotter <a href="https://youtu.be/_9KzVqBqpQM">https://youtu.be/_9KzVqBqpQM</a> Text 9-8, 9-11 Standard Format	Bill Clothier
<b>== BREAK ==</b>	11:50 (10)		
<b>Navigation - E6B Computer</b> Solving Time / Speed / Distance Problems Solving Time / Speed / Distance Problems	12:00 (30)	Algebraic Method Using E6B	Vann Norred

**Home Study**

Lineup and Wait  
Emergency Air Traffic Rules -  
Plotting True Course / Magnetic Course  
Solving Time / Speed / Distance Problems

AIM 5-2-4  
NOTAMs 91.139  
Text 9-8, 9-11  
E6B Booklet

**Support Staff**