

**Supplemental Reading**  
**Graham's Ground School / AeroDynamic Aviation**  
**Private Pilot Ground School**

**Day 1, Pilot Qualifications**

[Short AOPA video about how to get your medical certificate](#)

[FAA youtube video about pilots and medications](#)

[FAA brochure about medications and flying](#)

[Advisory Circular 68-1A on Basic Med](#)

**Day 2, Airworthiness**

None

**Day 3, Performance & Limitations**

[Emery Riddle article on Density Altitude: "Quantifying the Effects of Humidity on Density Altitude Calculations for Professional Aviation Education"](#)

**Day 4, Systems**

[Bold Method article: How the 4 Types of Aircraft Flaps Work](#)

[Bold Method article: How the 4 Types of Trim Tabs Work](#)

[Bold Method article: How a Propeller Generates Thrust](#)

**Day 5, Aerodynamics & Aeromedical Factors**

[Bold Method article: Turning Tendencies](#)

[Bold Method article: The Aerodynamics of a Turn](#)

[Video: What is a Stall?](#)

[FAA Advisory Circular 61-67C regarding spins](#)

[Bold Method article: The Four Steps of Spin Recovery](#)

[Bold Method youtube video: Multiple Spin Recoveries](#) (very cool video of actual spins!)

[Gold Seal youtube video: Spins](#) (excellent instruction with actual spin video)

[Bold Method article: Visual Illusions](#)

[FAA Handout: Spatial Disorientation](#)

[Video: Black Hole Illusion Recognition and Avoidance \(24 min\)](#)

**Day 6, National Airspace System**

[FAA course for flying near Washington DC \(Special Flight Rules Area\)](#)

[FAA course on entire National Airspace System](#)

[FAA Aeronautical Chart User's Guide](#)

**Day 7, Weather Theory**

[Article: From High to Low, Look out Below](#)

[Video: Hot and Cold Fronts in a Water Tank](#)

### **Day 8, Weather Services**

Aviation Weather Handbook (FAA-H-8083-28) This is a HUGE handbook, so don't read the whole thing! Look through it and get familiar with some of the products, that's all. It is a good resource for your aviation career.

### **Radio Communication online course**

[AOPA: Saying It Right](#)

Sometime during the course, I would like you to complete this free online course on radio communication. It is done by AOPA and is a very good introduction on this topic. I recommend you take the course soon because it will help you a great deal in your flying.

For this course, my only requirement is that you watch the video and tell me that you watched it. I do not need you to submit any verification that you watched it. I trust you. Just tell me when you finish it.