

<p><b>Lesson 1 - Regulations</b></p> <ul style="list-style-type: none"> <li>• History Of The FAA</li> <li>• Rulemaking Process</li> <li>• Understanding The Rules</li> <li>• Part 61 – Certification: Pilots, Flight Instructors, And Ground Instructors</li> <li>• Part 91 – General Operating And Flight Rules</li> <li>• Part 107 – Operation And Certification Of Small Unmanned Aircraft</li> <li>• Part 47 – Registration</li> <li>• Part 48 – Registration And Marking</li> <li>• Requirements For Small Unmanned Aircraft</li> <li>• Lesson 1 Wrap-Up</li> </ul>	<p><b>Lesson 2 – Airspace</b></p> <ul style="list-style-type: none"> <li>• Visual Flight Rules (VFR)</li> <li>• Instrument Flight Rules (IFR)</li> <li>• National Airspace</li> <li>• Class A Airspace</li> <li>• Class B Airspace</li> <li>• Class C Airspace</li> <li>• Class D Airspace</li> <li>• Class E Airspace</li> <li>• Class G Airspace</li> <li>• Airspace Entry Requirements</li> <li>• Airspace Classes Memory Tool</li> <li>• Sample Questions – Airspace</li> <li>• Lesson 2 Wrap-Up</li> </ul>	<p><b>Lesson 3 - Flight Restrictions</b></p> <ul style="list-style-type: none"> <li>• Special Use Airspace</li> <li>• Prohibited Airspace</li> <li>• Restricted Airspace</li> <li>• Warning Airspace</li> <li>• Alert Airspace</li> <li>• Military Operations Area Airspace</li> <li>• Temporary Flight Restrictions</li> <li>• Advisory Circular</li> <li>• Lesson 3 Wrap-Up</li> </ul>
<p><b>Lesson 4 - Navigation, Pre-Post Flight And Maintenance</b></p> <ul style="list-style-type: none"> <li>• Preflight Planning</li> <li>• Latitude And Longitude</li> <li>• Time Zones</li> <li>• Determining Altitude</li> <li>• Aeronautical Charts</li> <li>• Preflight Crew Briefing</li> <li>• Optional Visual Observer (VO)</li> <li>• AC 107-2 Remote Pic Pre-Flight References</li> <li>• Post Flight Debriefing And Inspection</li> <li>• Detecting Obstacles</li> <li>• Returning To Home Planning</li> <li>• Operating Neat Other Aircraft</li> <li>• Right Of Way</li> <li>• Maintenance</li> <li>• Sample Questions – Obstacle Clearance</li> <li>• Lesson 4 Wrap-Up</li> </ul>	<p><b>Lesson 5 - Weather And Micrometeorology</b></p> <ul style="list-style-type: none"> <li>• The Standard Atmosphere</li> <li>• Measuring Air Pressure</li> <li>• Heat And Temperature</li> <li>• Wind</li> <li>• Local And Small Scale Winds</li> <li>• Moisture, Cloud Formation, And Precipitation</li> <li>• Water And The Weather – Quick Notes</li> <li>• Micrometeorology</li> <li>• Micrometeorology – Quick Notes</li> <li>• Aviation Weather Services</li> <li>• Meteorological Terminal Aviation Routine Weather Report (METAR)</li> <li>• Advisory Circular Ac 107-2 Appendix B</li> <li>• 1-800-Wx-Brief</li> <li>• Briefings</li> <li>• Hot Weather Operations</li> <li>• Clouds And Moist Weather</li> <li>• Weather Information – Quick Notes</li> <li>• Sample Questions</li> </ul>	<p><b>Lesson 6 - Weight And Balance</b></p> <ul style="list-style-type: none"> <li>• The Need For Weight And Balance Control</li> <li>• Advisory Circular AC 107-2 Appendix B</li> <li>• Weight And Balance Terminology</li> <li>• Calculating Weight And Balance</li> <li>• Sample Questions – Weight &amp; Balance</li> <li>• Lesson 6 Wrap-Up</li> </ul>

**Lesson 7 - Responding To Emergencies**

- In-Flight Emergencies
- Loss Of Link
- Fly-Aways
- Loss Of Power
- In-Flight Shutdowns
- Emergency Parachute System
- Sample Questions – Responding To Emergencies
- Lesson 7 Wrap-Up

**Lesson 8 - Aeronautical Decision Making And Crew Resource Management**

- The ADM Process
- Risk Management
- Hazardous Attitudes And Antidotes
- Risk Assessment
- Mitigating Risk
- Risk Factors
- The Decision Making Process
- Situational Awareness
- Sample Questions – Aeronautical Decision Making And Crew Resource Management
- Lesson 8 Wrap-Up

**Lesson 9 – Airport Operations And Radio Communications**

- Understanding Airport Operations
- Towered Airport
- Non-towered Airport
- Unicom And Multicom
- Sources For Airport Data
- Radio Communications
- Radio License
- Standard Radio Terminology
- Communicating With Atc
- Collision Avoidance
- Sample Questions – Airport Operations And Radio Communications
- Lesson 9 Wrap-Up

**Lesson 10 - Physiological Effects Of Drugs And Alcohol**

- Medical Conditions
- Prescription And Over-The-Counter Medications
- Alcohol
- Regulatory Citings
- Sample Questions – Physiological Effects Of Drugs And Alcohol
- Lesson 10 Wrap-Up