

Ground Review

<b>P</b>	<p><b>Experience:</b> Recent flight experience (61.57)</p> <p><b>Responsibility:</b> Authority (91.3) ATC Instructions(91.123) Preflight action (91.103) Safety belts (91.107) Flight crew at station (91.105)</p> <p><b>Cautions:</b> Careless or reckless operation (91.13) Dropping objects (91.15) Alcohol or drugs (91.17) Supplemental oxygen (91.211) Fitness for flight (AIM Chapter 8, Section 1)</p>
<b>A</b>	<p><b>Airworthiness:</b> Basic (91.7) Flight manual, markings, placards (91.9) Certifications required (91.203) Instrument &amp; equipment requirements (91.205) -ELT (91.207) -Position lights (91.209) -Transponder requirements (91.215) -Inoperative instruments and equipment (91.213)</p> <p><b>Maintenance:</b> Responsibility (91.403) Maintenance required (91.405) Maintenance records (91.417) Operation after maintenance (91.407)</p> <p><b>Inspections:</b> Annual, Airworthiness Directives, 100-Hour (91.409) Altimeter &amp; Pitot Static System (91.411) VOR check (91.171) Transponder (91.413) ELT (91.207)</p>
<b>V</b>	<p><b>Airports</b> Markings (AIM Chapter 2, Section 3) Operations (AIM 4-3; 91.126, 91.125) Traffic Patterns (91.126)</p> <p><b>Airspace</b> Altimeter Settings (91.121; AIM 7-2) Minimum Safe Altitudes (91.119, 91.177) Cruising Altitudes (91.159, 91.179; AIM 3-1-5) Speed Limits (91.117) Right of Way (91.113) Formation (91.111) Types of Airspace (AIM 3) -Controlled Airspace (AIM 3-2; 91.135, 91.131, 91.130, 91.129) -Class G Airspace (AIM 3-3) -Special Use (AIM 3-4; 91.133, 91.137, 91.141, 91.143, 91.145)</p> <p>Emergency Air Traffic Rules (91.139; AIM 5-6)</p> <p><b>Air Traffic Control &amp; Procedures</b> Services (4-1) Radio Communications (4-2 &amp; Pilot/Controller Glossary) Clearances (4-4) Procedures (AIM 5)</p> <p><b>Weather</b> Meteorology (AIM 7-1) Wake Turbulence (AIM 7-3)</p>
<b>E</b>	<p>Personal Minimums Checklist Risk Management (3-P model) PTS Special Emphasis Items</p>

Suggested Flight Activities

*Note: Structure the flight portion as an out-and-back VFR XC, with one leg focused on XC procedures (including diversion and lost procedures and the other leg focused on airwork ("physical airplane" skills). Suggested activities include:*

**AREA OF OPERATION (from Private Pilot PTS)**

**I. PREFLIGHT PREPARATION**

- A. Weather Information
- B. Cross-Country Flight Planning
- F. Performance and Limitations
- G. Operation of Systems

**II. PREFLIGHT PROCEDURES**

- A. Preflight Inspections
- B. Cockpit Management
- F. Before Takeoff Check

**III. AIRPORT OPERATIONS**

- A. Radio Communications
- C. Airport, Runway, Taxiway Signs, Markings, & Lighting

**IV. TAKEOFFS, LANDINGS, AND GO-AROUNDS**

- A. Normal and Crosswind Takeoff/Climb
- B. Normal and Crosswind Approach/Landing
- C. Soft-Field Takeoff and Climb
- D. Soft-Field Approach and Landing
- E. Short-Field Takeoff
- F. Short-Field Approach
- L. Go-Around/Rejected Landing

**V. PERFORMANCE MANEUVER**

- A. Steep Turns

**VII. NAVIGATION**

- A. Pilotage and Dead Reckoning
- B. Navigation Systems & Radar Services
- C. Diversion
- D. Lost Procedures

**VIII. SLOW FLIGHT AND STALLS**

- A. Maneuvering During Slow Flight
- B. Power-Off Stalls
- C. Power-On Stalls
- D. Spin Awareness

**IX. BASIC INSTRUMENT MANEUVERS**

- A. Straight and Level Flight
- D. Turns to Headings
- E. Recovery from Unusual Flight Attitudes
- F. Radio Communications/Nav Systems

**X. EMERGENCY OPERATIONS**

- A. Emergency Approach and Landing
- B. Systems and Equipment Malfunctions

**XI. POSTFLIGHT PROCEDURES**

- A. After Landing, Parking, Securing