

Ground Lesson: IFR Regulations

Objectives:

1. exhibit knowledge of the Regulations pertaining to IFR flight and certification

Schedule:

Activity	Est. Time
Ground	1.5
Total	1.50

Recommended Readings:

FAR 61	Appropriate Instrument Topics
FAR 91	Appropriate Instrument Topics
AOPA	http://flash.aopa.org/asf/ifrinsights_regs

Elements Ground:

- **Part 61**
 - 61.3 Requirements for Certification
 - 61.45(d) Required Equip for Tests
 - 61.51(g) Logging Instrument Time
 - 61.57(c) recent flight experience
 - 61.57(d) instrument proficiency check
 - 61.65 instrument rating requirements
- **Part 91**
 - 91.109 Flight Instruction: Simulated Instrument
 - 91.135 Operations in Class A
 - 91.167 Fuel Requirements
 - 91.169 Flight Plan Info Required (Alternates)
 - 91.171 VOR equipment check
 - 91.173 ATC Clearance
 - 91.175 Takeoff and Landing
 - 91.177 Minimum altitudes
 - 91.179 Cruising Altitudes
 - 91.181 Course to be flown
 - 91.183 IFR Communications
 - 91.185 Radio Comm Failure
 - 91.187 Malfunction Reports
 - 91.205(d) Equip Requirements
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IFR Required Equipment Acronym

- G - Generator (alternator)
- R - Radios for navigation (ADF/VOR/GPS...)
- A - Attitude Indicator
- B - Ball (inclinometer)
- C - Clock
- A - Altimeter (sensitive)
- R - Rate of Turn (or turn & slip)
- D - Directional Gyro (Heading Indicator)
- D - DME above FL240