

INSTRUMENT RATING STUDY GUIDE

SUGGESTED STUDY MATERIAL

- ❖ FAR/AIM
- ❖ Instrument Flying Handbook
- ❖ Aviaton Weather (AC 00-6A)
- ❖ Aviaton Weather Services (AC 00-45F)
- ❖ Instrument Oral Exam Guide

COMMON QUESTION AREAS

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| <ul style="list-style-type: none"> ▶ IFR Currency Requirements ▶ Minimum Fuel Requirements ▶ When an alternate is required ▶ Alternate airport forecast weather ▶ VOR checks ▶ Requirements to descend below DA/MDA ▶ Lost Communication Procedures ▶ IFR Minimum Equipment ▶ NAVAID range ▶ Components of an ILS ▶ NOTAMs ▶ When an IFR Clearance is necessary ▶ IFR Clearance from an Uncontrolled Airport ▶ Clearance Void Time ▶ Departure Procedures ▶ Position Reports ▶ Required Reports ▶ Holding Procedures ▶ STARS ▶ When a procedure turn is not authorized ▶ PAR/ASR Approaches ▶ Visual Approach vs. Contact Approach ▶ Sigmets ▶ Airmets ▶ Weather Reports ▶ Chart and Plate Symbolology ▶ MEAs, MOCAs, MCAs, MRAs, MORAs, MAAs ▶ Pitot/Static System, Gyro System, Magnetic Compass ▶ Hazardous Weather ▶ IFR & Deicing systems on your aircraft | <ul style="list-style-type: none"> FAR 61.57(C) FAR 91.167 FAR 91.169(B)(i) FAR 91.169(C) FAR 91.171 FAR 91.175(C) FAR 91.185 FAR 91.205 AIM 1-1-8 AIM 1-1-9 AIM 5-1-3 AIM 5-1-8 A; FAR 91.135; FAR 91.173 AIM 5-1-8 A-1-Note 1 AIM 5-2-6 A-1 AIM 5-2-8 AIM 5-3-2; AIM 5-3-3 AIM 5-3-7 AIM 5-4-1 AIM 5-4-9 B FAR 91.175(J) AIM 5-4-11 AIM 5-4-23; AIM 5-4-25 Aviation Weather Services (AC 00-45F): Chap 6.1 Aviation Weather Services (AC 00-45F): Chap 6.2 Aviation Weather Services (AC 00-45F) Aeronautical Chart User's Guide Instrument Flying Handbook: Chap 3 Aviation Weather (AC 00-6A) |
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ACS STANDARDS

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| <ul style="list-style-type: none"> ▶ Airspeed +/- 10 kts ▶ Heading +/- 10° ▶ Altitude +/- 100' ▶ Bank Angle +/- 5 degrees when changing airspeed ▶ No more than 3/4 deflection of CDI ▶ No more than 3/4 deflection of Localiser/Glide Slope ▶ No more than 1 nautical mile deviation on DME Arc | <ul style="list-style-type: none"> ▶ Slow to holding speed within 3 min of holding fix ▶ Maintain MDA within +100' and -0' to the MAP ▶ Maintain selected headings within +/- 5 degrees when intercepting & tracking NAV systems/DME ▶ Arrive at arcs the MDA prior to reaching the MAP |
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