



Instrument Rating Seminar

Pacific Flying Club



Instrument Rating Seminar

Seminar Description:

This seminar provides the student with the required knowledge to safely operate an aeroplane under Instrument Flight Rules (IFR). Included are lessons on IFR Operational Knowledge, IFR navigation, holds, and IFR normal/emergency procedures.

Seminar Learning Outcomes/Competencies:

Upon completion of this seminar, the student will be able to:

- Apply the knowledge to fly an aeroplane under Instrument Flight Rules (IFR).
- Describe standard operating procedures related to IFR operations
- Describe emergency operating procedures related to IFR operations.
- Demonstrate the required knowledge to pass the Transport Canada Instrument Rating Written Test (INRAT)
- Demonstrate the required knowledge to pass the Transport Canada Instrument Rating Flight Test.



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Seminar Outline:

1. Instrument Rating Requirements
2. LO Charts and Mandatory IFR Routes
3. IFR Communication Failure Procedures
4. CAP Charts
 - Aerodrome Charts
 - Standard Departure Procedure (SID)
 - Standard Terminal Arrival Route (STAR)
 - Approach Segments and Instrument Approach Procedure (IAP)
5. Non-Precision Approach Constant Descent Angle (CDA)
6. IFR Operational Knowledge
 - Low and Reduced Visibility Procedures (RVO/LVO)
 - Take off Minima
 - Runway Visual Range (RVR)
 - Approach Ban
 - Landing Minima
 - Circling
 - Cold Temperature Corrections
 - Alternate Weather Minima
7. Holds
8. IFR Operational Knowledge Quiz



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Seminar Schedule:

Date	Time	Subject	Instructor	Required Reading
Friday	0800-1100	Instrument Rating Requirements LO Charts and Mandatory IFR Routes IFR Communication Failure Procedures CAP Charts Aerodrome Charts SID and STAR	TBA	IPM AIM RAC 6.0 to 10.0 CAP GEN
Saturday	0800-1100	Approach Segments/IAP CDA RVO/LVO Take off Minima RVR/Approach Ban Landing Minima Circling Cold Temperature Corrections	TBA	IPM AIM RAC 6.0 to 10.0 CAP GEN
Sunday	0800-1100	Alternate Weather Minima Holds IFR Operational Knowledge Quiz	TBA	IPM AIM RAC 6.0 to 10.0 CAP GEN

Assigned reading:

- Instrument Procedure Manual
- AIM RAC 6.0 to 10.0 Instrument Flight Rules (IFR)
- Canada Air Pilot (CAP GEN and CAP2)
- LO 1/ 2 and Terminal Area Charts
- Canada Flight Supplement

Price: \$175 (handouts included)