

## Group-1 Instrument Rating Course

Instrument Flight Rules (IFR) is flying the aircraft by referring primarily to instruments in the aircraft cockpit without visual reference to the ground (this means you are flying in, or above the clouds where you cannot see the ground). The aircraft must contain appropriate IFR equipment, and the pilot must be specially trained and licensed. And Centennial provides some of the best IFR training in Canada.

Flying in IFR conditions is the most precise and challenging flying a professional pilot will encounter. The course itself combines the actual flying of an aircraft with the rules, procedures and instrument navigation skills, enabling you to take off and land in conditions where you may only be able to see a mere half-mile in front of the aircraft.

Centennial's state of the industry Redbird FMX motion simulator gives a realistic picture to the student before they operate an aircraft under similar conditions. In the simulator, emergencies are practised that cannot be safely simulated in the aircraft during actual IFR flight. Our simulator and Seneca trainer have both been modified so that the instrument panels are nearly identical. This technique is used by Airlines to make the transition from simulator to aircraft as smooth as possible.

## Prerequisite:

1. Canadian Private Pilot Licence
2. 50 hours cross-country pilot-in-command
3. Multi-engine rating (for group 1)

## Course Outline:

1. 20 hours dual Redbird FMX simulator
2. 20 hours dual aircraft
3. Over 50 hours ground school

## Textbooks:

1. Canada Air Pilot 3
2. Low Enroute Charts
3. Terminal Chart
4. A.I.M.
5. Canada Flight Supplement
6. Instrument Procedures Manual

## Additional:

i) Candidates will be required to pass a Transport Canada Instrument Rating written exam (INRAT) & flight test.

## Course costs:

Approx. 12 hrs dual Piper Seneca (\$529/hr)	\$6348.00
1.5 hr solo (flight test) Piper Seneca (\$434/hr)	\$651.00
20hr dual simulator (\$185.00/hr)	\$3700.00
5 hours ground instruction (\$95.00/hr)	\$475.00
Flight Test Examiner & TC Licensing Fee	<u>\$500.00</u>
	<b>\$11,674.00</b>

\*Instrument time accumulated in the CPL program will count towards the IFR instrument requirement.

NOTE: Pre & post flight briefing and ground time is not included, and will vary based on student readiness but typically 0.4-0.6 per flight.

All prices are quoted in Canadian dollars. Prices are subject to change without notice. GST will be added to prices where applicable.

