

## Multi-Engine Course

Learning to fly a multi-engine aeroplane is one of the most challenging and rewarding courses in the professional Pilot Program. The multi-engine endorsement is a prerequisite for Air Carriers and is normally incorporated in the Multi-IFR course.

Centennial has chosen the Piper Seneca because it is a stable platform for Multi-Engine and IFR training. The Seneca gives the student exposure to single-engine characteristics, performance data and aircraft systems that best represent the twin-engine aeroplanes used by commercial operators today.

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.

The course focuses on aircraft systems, emergency procedures and advanced performance calculations.

### Prerequisite:

1. Candidates must hold at least a Canadian Private Pilot License.

### Course Outline:

1. 1 hour dual instruction: RedBird FMX simulator
2. 10 hours dual twin-engine aircraft
3. 5 hours ground instruction on aircraft performance and systems.

### Materials:

1. Aircraft flight manual (POH)
2. Google Classroom

### Completion:

Candidates will be required to pass a Transport Canada flight test.

### Course costs:

Multi Engine Rating			
Description	Hours	Rate	Total
Piper Seneca (Dual)	10	555.00	\$ 5,550.00
Piper Seneca (Solo Flight Test)	1.5	450.00	\$ 675.00
Redbird FMX Simulator (Dual)	1	200.00	\$ 200.00
Ground Instruction	5	105.00	\$ 525.00
Aircraft POH			\$ 45.00
Transport Canada Examiner			\$ 500.00
Transport Canada Licensing Fee			\$ 35.00
<b>Total:</b>			<b>\$ 7,530.00</b>

NOTE: Pre & post flight briefing and ground time will vary based on student readiness.

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