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Medicine Hat, Alberta  
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## **Private Pilot Licence Program Outline**

- Age:** Minimum of seventeen years of age.
- Medical Fitness:** Category 3 Medical Certificate valid for a Private Pilot Licence - Aeroplanes:
- Aircraft used:** Cessna 172

### **Ground School:**

Minimum of 40 hours private pilot aeroplane ground school instruction on the following subjects:

(i) Canadian Aviation Regulations, (ii) Aerodynamics and Theory of Flight, (iii) Meteorology, (iv) Airframes, Engines and Systems, (v) Flight Instruments, (vi) Radio and Electronic Theory, (vii) Navigation, (viii) Flight Operations, (ix) Licensing Requirements, and (x) Human Factors, including pilot decision-making.

### **Knowledge:**

The student shall have obtained a minimum of 60% in each of the following four mandatory subject areas as well as in the overall written examination Private Pilot Licence - Aeroplane (PPAER):

- i) Air Law
- ii) Navigation
- iii) Meteorology
- iv) Aeronautics - General knowledge



**Experience:**

An applicant shall have completed a minimum of 45 hours private pilot flight training in aeroplanes under the direction and supervision of the holder of a Flight Instructor Rating - Aeroplane. A maximum 5 of the 45 hours may be conducted on an approved aeroplane simulator or flight training device.

The flight training shall include a minimum of:

17 hours dual instruction flight time, including a minimum of 3 hours cross-country flight time and 5 hours of instrument time of which a maximum of 3 hours may be instrument ground time.

12 hours solo flight time, including 5 hours cross-country flight time with a flight of a minimum of 150 nautical miles which shall include 2 full stop landings at points other than the point of departure.

**Skill:**

Within the 12 month preceding the date of application for the licence, an applicant shall successfully complete a flight test to the standard outlined in the Flight Test Guide Private Pilot Licence – Aeroplanes.