



# **Flight Training Program Outline Recreational Pilot Permit**

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## Welcome to the Brantford Flying Club!!!

### Introduction:

Since 1929 the Brantford Flying Club has been providing quality flight training. As one of the oldest flight training organizations in Canada, we have successfully trained thousands of private, commercial, and Airline pilots over the past 85 years.

This Recreational flight training program outline is provided to you as reference material to guide you through the training process. The outline is a requirement under the Canadian Aviation Regulations (CARS). This document describes some of the background knowledge regarding the training program that you are undertaking and it contains a selection of our Flight Training Unit policies.

If you have any questions or concerns please ask one of our many Flight Instructor Staff members who would be happy to expand on this program outline.

Thank you for your interest in The Brantford Flying Club!

## Privileges:

The holder of a valid Recreational Pilot Permit may fly:

- ❑ Any single engine, piston-powered, non-high performance aeroplane designed for a maximum of 4 seats
- ❑ Carry at most 1 passenger
- ❑ Land planes, sea planes, or both as endorsed
- ❑ Day VFR within Canada only

## Prerequisites:

An applicant shall

1. be a minimum of fourteen years old by the time of first solo and sixteen years old, when the training is completed.
2. Hold a Category 1, 3 or 4 medical

## Cost Breakdown (Based on Transport Canada's minimum required hours)

Item:	Hours:	Rate:	Total:
Ground School			\$400.00
Course Material			\$250.00
Dual Instruction C152	15 Hours	\$215.00	\$3,225.00
Solo Practice C152	5 Hours	\$145.00 /hour	\$725.00
Pre/Post Flight Briefings	15 Hours	\$70.00 /hour	\$1,050.00
Flight Test/Written Exam Fees			\$355.00
Transport Canada Licensing Fee			\$85.00
Membership Fee			\$150.00
<b>Grand Total:</b>			<b>\$6240.00</b>

Above hours are minimum required hours. Additional training may be needed.  
All training is tax deductible and HST will be applicable to all flights.

CARS 421.22

## Age

An applicant shall be a minimum of sixteen years of age.

## Medical Fitness and Validity

- (a) An applicant shall hold a minimum Category 4 Medical Certificate valid for a Pilot Permit - Recreational - Aeroplane.
- (b) An applicant who meets the medical conditions specified on the Civil Aviation Medical Declaration and has signed it shall be deemed to have met the Category 4 Medical Standards, providing a physician licensed to practice medicine in Canada has signed Part C of the declaration

## Knowledge

An applicant shall have obtained a minimum of 60 percent (60%) in each of the following four mandatory areas, as well as in the overall written examination Pilot Permit - Recreational - Aeroplane (RPPAE), or Private Pilot Licence - Aeroplane (PPAER):

- (a) Air Law - regulations, rules and orders, air traffic services, practices and procedures, and licensing requirements relevant to the permit;
- (b) Navigation - navigation, radio aids and electronic theory;
- (c) Meteorology;
- (d) Aeronautics - General Knowledge - airframes, engines and systems, theory of flight, flight instruments, flight operations and human factors.

## Experience

- (a) An applicant shall have completed a minimum of 25 hours recreational pilot flight training under the direction and supervision of the holder of a flight instructor rating - aeroplane in aeroplanes operating with a Certificate of Airworthiness.
- (b) The flight training shall include a minimum of:
  - a. 15 hours dual instruction flight time, including a minimum of 2 hours cross-country flight time, and
  - b. 5 hours solo flight time.

## Skill

Within the 12 months preceding the date of application for the permit, an applicant shall successfully complete a flight test to the standard outlined in the *Flight Test Standard - Recreational Pilot Permit - Aeroplane* (TP12475E).

## Training Syllabus

Note: All above times are approximate and will vary from person to person and depend greatly on frequency of flying, weather and individual student progress.

## Weather Minimums

The following minimum weather standards are required for any Brantford Flying Club aircraft flight.<sup>1</sup>

		SOLO <sup>2</sup>	DUAL	RECREATIONAL VFR	REC IFR
Practice Area	Ceiling	3,000' AGL	Instructor's Discretion	1,500' AGL	See below
	Visibility	5SM	3SM	3SM	
Circuits	Ceiling	1,500' AGL	Instructor's Discretion	1,500' AGL	
	Visibility	4 SM	3SM	3SM	
Crosswind Component		6 kts	POH Max Demonstrated	POH Max Demonstrated minus 5 knots <sup>3</sup>	
Cross Country	Ceiling	5,000 ASL <sup>4</sup>	2,500' AGL	2,500' AGL	See below
	Visibility	+6 SM	5 SM	5 SM	
Min. Ground Temperature <sup>5</sup>		-15°C	-18°C	-15°C	

## Fuel Reserves

The maximum fuel carried is dependant on the weight and balance of the aircraft

For any cross country flights, maximum fuel must be carried. A minimum 1 hour reserve shall be used.

Any local flights must have greater than ½ full tanks.

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<sup>1</sup> The weather as reported by METAR, averaged from surrounding METARS or observed by the PIC before takeoff

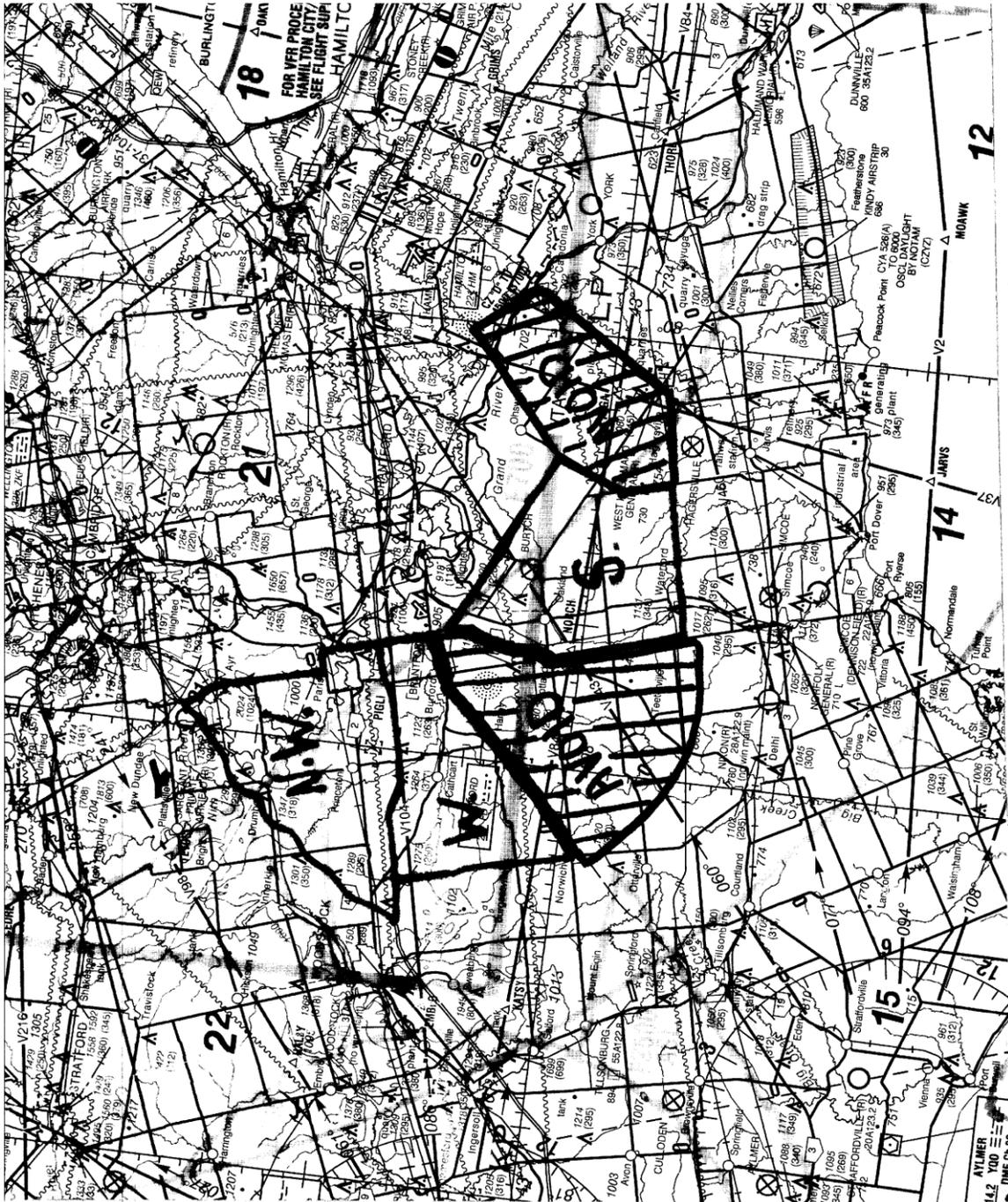
<sup>2</sup> Solo flying is always at the signing instructor's discretion

<sup>3</sup> Recreational flying is always at the BFC staff member's discretion

<sup>4</sup> 5000' ASL gives the student the availability to fly at proper cruising altitudes on the trip – 3,500/4,500 – aiming to have a cruising altitude 1000 above MOCA at a minimum

<sup>5</sup> The air temperature as measured on the ground before takeoff – not wind chill

# Designated Practice Areas



The Brantford Flying Club has 3 areas outlined for practice, the South, West and North West Practice area. These areas are outlined on a map in the flight office and are part of the Flight Training Program Outlines provided to students. Except for solo cross country flights, students are limited to the above practice areas for their solo practice.

## **Reporting of Aircraft Defects and Unserviceabilities**

Upon finding any aircraft defect, report to flight instructor and refer to the Brantford Flying Club's Aircraft Defect Procedures.

## **Securing of Aircraft When Not in Use**

When a pilot lands at any aerodrome, the aircraft shall be parked into wind, if possible. Chocks and control locks shall be used in gusty/windy conditions.

When leaving the aircraft at other aerodromes, for any length of time, the keys shall be removed from the ignition and all the doors shall be locked. The pilot will keep the keys on their person.

## **After Unscheduled or Forced Landing**

- 1) If any injuries to the aircraft occupants have resulted, get medical and ambulance services immediately. First aid kits are stored in every aircraft.
- 2) Ensure that all switches and fuel selectors are in the OFF position.
- 3) Keep spectators away from the aircraft.
- 4) Do NOT allow smoking near the aircraft.
- 5) Contact the Brantford Flight Centre @ 519-753-2521.
- 6) Close flight plan if applicable.
- 7) Remain with the aircraft

Further pertinent instructions and assistance can be taken care of during phone conversation with the Flight Centre.

**Under no circumstances shall you attempt a takeoff!**