



## Instructor Rating Class 4 Flight Training Program Outline

### Privileges (CAR 401.69)

The holder of a Class 4 flight instructor rating - aeroplane may:

- (a) conduct dual flight instruction in respect of the issuance of a pilot permit - recreational -aeroplane or pilot licence -aeroplane or the endorsement of a night rating or a VFR OTT rating on a pilot licence - aeroplane;
- (b) authorize a trainee to conduct a solo flight in an aeroplane;
- (c) recommend a trainee for a flight test in respect of the issuance of a pilot permit -recreational - aeroplane or pilot licence -aeroplane;
- (d) recommend a trainee for the endorsement of a night rating or a VFR OTT rating on the trainee's pilot licence - aeroplane; and
- (e) exercise the privileges of a flight instructor rating - ultra-light aeroplane without being under the supervision prescribed in paragraph 401.62(b).

### Requirements (421.69)

#### Commercial Pilot Licence

#### Knowledge:

- (a) An applicant shall have completed a minimum of 25 hours of Instructor Rating ground school instruction which shall include:
  - (i) practical application of the basic principles of learning and techniques of instruction;
  - (ii) preparation and use of lesson plans;
  - (iii) procedures for planning and presenting preparatory ground instruction, pre-flight briefings, inflight instruction, and post-flight debriefings;
  - (iv) theory of flight required to teach the air exercises;
  - (v) aircraft flight manuals and aircraft operating limits;
  - (vi) presentation of pilot decision-making concepts; and
  - (vii) the use of the *Transport Canada Flight Instructor Guide, Flight Training Manual, Canadian Aviation Regulations, Part IV* and the *Flight Test Standards, Private and Commercial Pilot Licences - Aeroplane Category*.
- (b) An applicant shall obtain a minimum of 70% in the written examination Flight Instructor Rating - Aeroplane Class 4 (AIRAF).

#### Experience:

An applicant shall complete in aeroplanes a minimum of 30 hours of dual flight instruction on overall

pilot proficiency and the presentation of all exercises set forth in the Flight Instructor Guide and shall include a minimum of 5 hours of training in the teaching of instrument flight skills. A maximum 5 of the 30 hours may be conducted on an approved aeroplane simulator or flight training device.

**Skill:**

An applicant shall complete an instructor flight test to the standard outlined in the *Flight Test Standard - Flight Instructor Rating - Aeroplanes, Helicopters, Aerobatic (TP5537)*.

**Weather Minimums**

ceiling/flight visibility	Dual	Solo/Night Dual
<b>Circuits</b>	1000'/1 NM	1500'/3 NM
<b>Practise Area</b>	1000'/3 NM	2000'/6 NM
<b>Cross Country</b>	1000'/3 NM	2500'/6 NM
<b>Maximum Cross Wind</b>	15 knots	
<b>Minimum Temperature</b>	-25 C	

**Minimum Fuel**

dual/solo	Fuel Required
<b>Circuits</b>	Estimated time + 45 min reserve
<b>Practise Area</b>	Estimated time + 45 min reserve
<b>Cross country</b>	Fuel to destination + cont fuel for wx + 45 min res

**Reporting of Defects**

In the event that any defects or unservicabilities are found, the defects should be reported to KBM (345-5445 ex 279) and then recorded in the journey logbook

**Securing Aircraft**

When not in use, the aircraft is to put in the hanger or tied down (wings and tail), control lock and pitot cover installed and engine plugs installed in the winter

**Emergencies**

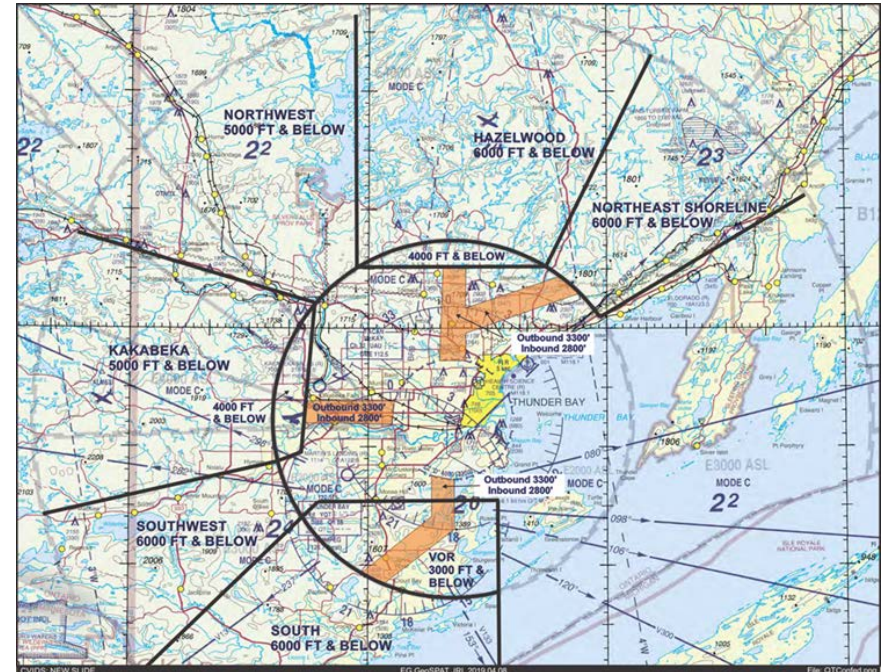
In the event of an emergency or unscheduled landing, contact Flight Service (866-WX BRIEF), and KBM (345-5445 ex 279). DO NOT ATTEMPT TO TAKEOFF BEFORE SPEAKING WITH A REPRESENTATIVE OF KBM. If contact cannot be made for whatever reason and immediate assistance is

required, switch the Emergency Locator Transmitter to “ON”. If non-emergency assistance is required, but not immediate (you are stuck at an abandoned aerodrome and cannot contact anyone, switch the ELT to ON for 90 minute, than OFF for 90 minutes and repeat until help arrives.

**Other Measures**

Due to the cold temperatures in the north, always dress as if you had to spend the night outdoors.

**Practise Area's**



## Flight Instructor Rating Ground Syllabus

#	Lesson	PGI
1	Intro to Flight Instruction	1.0
2	Canadian Aviation Regulations	1.0
3	Flight Test Guides	1.0
4	Aerodynamics and Performance	1.0
5	Human Factors	1.0
6	Learning 1	1.0
7	Learning 2	1.0
8	Learning 3	1.0
9	Ground Instruction	1.0
10	Flight Instruction	1.0
11	Teaching ex 5-9	1.0
12	Teaching ex 5-9	1.0
13	Teaching Range and Endurance	1.0
14	Teaching Slow Flight	1.0
15	Teaching Stalls	1.0
16	Teaching Spins	1.0
17	Teaching Take offs and Landings	1.0
18	Teaching Precautionary Approaches	1.0
19	Teaching Forced Approaches	1.0
20	Teaching Diversions	1.0
21	Teaching Navigation	1.0
22	Teaching Instrument (Full Panel)	1.0
23	Teaching Instrument (Limited Panel)	1.0
24	Teaching Instrument (Nav aids)	1.0
25	Review	1.0

## Flight Instructor Rating Flight Syllabus

#	Lesson	Dual
1	Right Seat Checkout	2.0
2	RS CPL Review	2.0
3	RS CPL Review	2.0
4	Teaching ex 5-9	2.0
5	Teaching ex 9s-12	2.0
6	Teaching ex 13-15	2.0
7	Teaching ex 16-18	2.0
8	Teaching ex 22	2.0
9	Teaching 23, 23c	2.0
10	Teaching 24a	2.0
11	Teaching 24b, 24 c	2.0
12	Teaching 24d	2.0
13	Review	2.0
14	Review	2.0
15	Review	2.0
16	Flight Test	