



Commercial Pilot Licence Flight Training Program

Privileges (CAR 401.30)

Subject to subsection (3), the holder of a commercial pilot licence — aeroplane may, by day or night,

- (a) exercise the privileges of a private pilot licence - aeroplane;
- (b) exercise the privileges of a VFR OTT rating;
- (c) while engaged in providing a commercial air service by means of an aeroplane of a class and type in respect of which the licence is endorsed with ratings, act as
 - (i) pilot-in-command of the aeroplane, if the minimum flight crew document for the aeroplane specifies a minimum flight crew of one pilot, or
 - (ii) co-pilot of the aeroplane;
- (d) if qualified as a flight instructor in accordance with section 425.21 of the personnel licensing standards, conduct flight instruction; and
- (e) exercise private pilot licence — aeroplane privileges until the end of the medical validity period specified for the private pilot licence.

Requirements (421.30)

Minimum Age: 18

Medical Fitness: Transport Canada Medical category 1 or higher

Knowledge:

- (a) An applicant shall have completed a minimum of 80 hours commercial pilot aeroplane ground school instruction including at least 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.
- (b) An applicant who is a graduate from an approved integrated course shall have completed the applicable course requirements in section.

Written Examination

(amended 2006/12/14)

- (c) All applicants shall have obtained a minimum of 60% in each of the following four mandatory subjects areas as well as in the overall written examination Commercial Pilot Licence — Aeroplane (CPAER):
 - (i) Air Law - regulations, rules and orders, air traffic services, practices and procedures, and licensing requirements relevant to the licence,
 - (ii) Navigation - navigation, radio aids and electronic theory,
 - (iii) Meteorology, and
 - (iv) Aeronautics - General Knowledge - airframes, engines and systems, theory of flight, flight instruments and flight operations.

(d) An applicant who is a graduate from an approved integrated course shall have completed the applicable course requirements in section 426.75 of the Canadian Aviation Regulations.

Experience:

- (a) An applicant for a commercial pilot licence — aeroplane shall
- (i) have completed, subject to paragraph (b), a minimum of 200 hours flight time in aeroplanes, of which a minimum of 100 hours shall be pilot-in-command time including 20 hours cross-country pilot in-command flight time, and
 - (ii) following the issuance of a private pilot licence — aeroplane by Canada or another contracting state, have completed 65 hours of commercial pilot flight training in aeroplanes consisting of a minimum of:
 - (A) 35 hours dual instruction flight time, under the direction and supervision of the holder of a Flight Instructor Rating — Aeroplane, including:
 - (I) 5 hours night, including a minimum of 2 hours of cross-country flight time;
 - (II) 5 hours cross-country, which may include the cross-country experience stated in subclause (I); and
 - (III) 20 hours of instrument flight time in addition to the experience stated in subclauses (I) and (II). A maximum 10 hours of the 20 hours may be conducted on an approved aeroplane simulator or synthetic flight training device.
 - (B) 30 hours solo flight time including:
 - (I) 25 hours solo flight time emphasizing the improvement of general flying skills of the applicant which shall include a cross-country flight to a point of a minimum of 300 nautical mile radius from the point of departure and shall include a minimum of 3 landings at points other than that of departure; and
 - (II) 5 hours solo flight time by night during which a minimum of 10 takeoffs, circuits and landings were completed.
- (b) An applicant who is a graduate from an approved integrated course shall have completed the applicable experience requirements in section 426.75 of the *Canadian Aviation Regulations*.

Skill:

Within the 12 months preceding the date of application for the licence, an applicant for a commercial pilot licence — aeroplane shall successfully complete a flight test to the standard outlined in the *Flight Test Guide Commercial Pilot Licence — Aeroplane* (TP13462E).

Weather Minimums

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

Minimum Fuel

dual/solo	Fuel Required
Circuits	Estimated time + 45 min reserve
Practise Area	Estimated time + 45 min reserve
Cross country	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

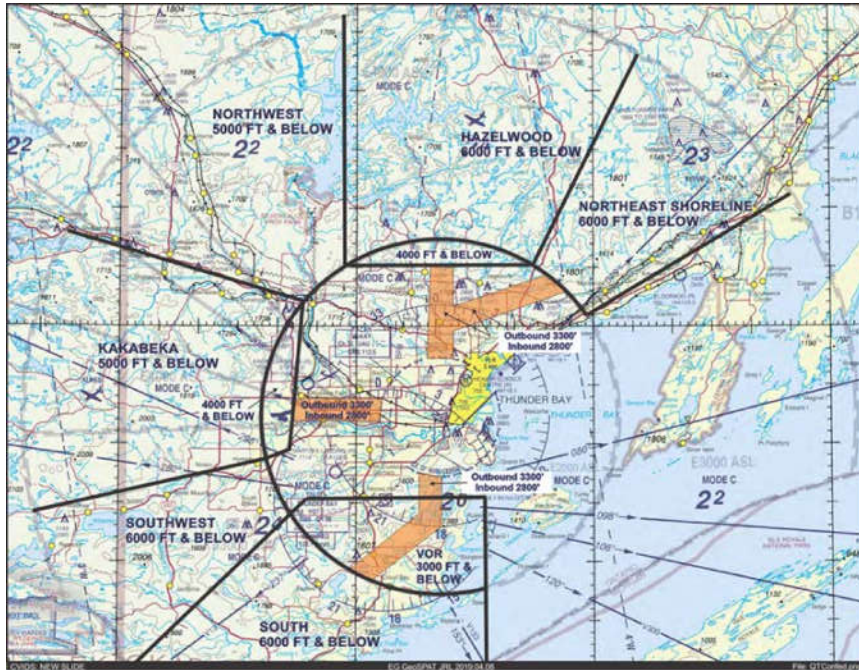
Emergencies

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



Commercial Pilot Licence Flight Syllabus

#	Lesson	PGI	Dual	Solo	Inst	Total
1	Review of PPL Flight Test	1.0	1.8			1.8
2	Circuits 1 (Night)	0.5	1.5			3.3
3	Circuits 2 (Night)	0.4	1.5			4.8
4	Circuits 3 (Night)	0.4		1.5		6.3
5	Instrument 1	0.5	1.5		1.3	7.8
6	Circuits 4 (Night)	0.3		1.5		9.3
7	Instrument 2	0.8	1.5		1.3	10.8
8	Cross Country 1 (Night)	0.8	2.0			12.8
9	Cross Country 2 (Night)	0.3		2.0		14.8
10	Instrument 3	0.4	1.8		1.6	16.6
11	Instrument 4	0.4	1.8		1.6	18.4
12	Cross Country 3	0.3		3.0		21.4
13	Circuits 6	0.3		1.0		22.4
14	Upper Air Work 1	0.4	2.0		0.5	24.4
15	Lower Air Work 1	0.4	2.0		0.5	26.4
16	Upper Air Work 2	0.3		2.0		28.4
17	Review 1	1.0	2.0			30.4
18	Cross Country 4	0.3		4.0		34.4
19	Instrument 5	0.4	1.8		1.6	36.2
20	Instrument 6	0.4	1.8			38.0
21	Cross Country 5	0.4		7.0		45.0
22	Review 2	1.0		2.0		47.0
23	Instrument 7	0.4	1.8		1.6	48.8
24	Instrument 8	0.4	1.8		1.6	50.6
25	Review 3	0.3		2.0		52.6
26	Instrument 9	0.4	1.8		1.6	54.4
27	Cross Country 6	0.4		4.0		58.4
28	Instrument 10	0.4	1.5		1.3	59.9
29	Review 4	1.0	2.2			62.1
30	Review 5	0.5	1.1			63.2
31	CPL Flight Test		1.8		0.5	65.0

