

2014 Flight Crew Recency Requirements

Self-Paced Study Program

Refer to paragraph 421.05(2)(d) of the Canadian Aviation Regulations (CARs).

Completion of this questionnaire satisfies the 24-month recurrent training program requirements of CAR 401.05(2)(a). It is to be retained by the pilot.

All pilots are to answer questions 1 to 33. In addition, aeroplane and ultra-light aeroplane pilots are to answer questions 34, 35 and 36; helicopter pilots are to answer questions 36, 37 and 38; glider pilots are to answer questions 39 and 40; gyroplane pilots are to answer question 41; and balloon pilots are to answer question 42.

Note: References are listed at the end of each question. Many answers may be found in the Transport Canada Aeronautical Information Manual (TC AIM). Amendments to that publication may result in changes to answers and/or references. The TC AIM is available online at: <http://www.tc.gc.ca/eng/civilaviation/publications/tp14371-menu-3092.htm>

1. A runway incursion is any occurrence at an aerodrome involving the incorrect presence of _____ on the protected area of a surface designated for the landing and takeoff of aircraft. **(GEN 5.1)**

2. How are temporarily displaced thresholds marked?
_____ **(AGA 5.4.1 NOTE)**

3. At a Transport Canada certified airport, a dry wind direction indicator (windsock) that is blown horizontal indicates a wind speed of _____. **(AGA 5.9)**

4. On initial contact with an FSS through an RCO, pilots should state the name of the _____ controlling the RCO, the aircraft identification, and _____ **(COM 5.8.3)**

5. Before using a cell phone to contact ATS in the event of an in-flight radio communications failure, you should _____ and squawk Code _____. **(COM 5.15)**

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6. Refer to a recent copy of the *Canada Flight Supplement* (CFS). What is the TAF period of coverage and issue times for Whitehorse/Erik Nielson Intl Airport? _____ (MET 3.2.1 and CFS)

7. Open a recent copy of the *Canada Flight Supplement* (CFS) and locate the “Planning” section (section C). In the “VFR Chart Updating Data”, read the information for your region of Canada. Record one of the topic names here: _____ (CFS)

8. Areas of showery or intermittent precipitation are shown on a GFA Clouds and Weather Chart as _____ (MET 3.3.11)

TAF CYJT 041136Z 041212 24010KT ½ SM -SHRA -DZ FG OVC002 TEMPO 1213 3SM BR OVC008 FM 1300Z 29012G22KT P6SM SCT006 BKN015 BECMG 2123 30010KT SCT020 RMK NXT FCST BY 18Z=

9. From the preceding TAF, what is the lowest forecast ceiling for CYJT? _____ (MET 3.9.3)

10. From the preceding TAF, at what time could you first expect to have VFR weather in the CYJT control zone? _____ (MET 3.9.3)

11. From the preceding TAF, what is the forecast visibility for CYJT after 2300Z? _____ (MET 3.9.3)

12. What coded group is used, in an Upper Level Wind and Temperature Forecast (FD), when the wind speed is less than 5 kt? _____ (MET 3.11)

13. In a METAR, wind direction is given in degrees_____. (MET 3.15.3)

METAR CYBC 211700Z 0912G20 5/8SM BLSN VV007 M03/M05 A2969 RMK SN8 SLP105

14. In the preceding weather report, the prevailing visibility is _____ and the ceiling is _____. (MET 3.15.3)

15. Who is responsible for obstacle avoidance when a VFR aircraft is being radar vectored? _____ (RAC 1.5.5)

16. If an ATC clearance is not acceptable, what should the pilot-in-command immediately do?

_____. (RAC 1.7)

17. Which classes of airspace require the use of a functioning transponder? All Class _____ airspace and any Class _____ airspace specified as transponder airspace. (RAC 1.9.2)

18. When two aircraft are converging at approximately the same altitude, the pilot-in-command of the aircraft that has the other on its right shall give way, except as follows:

- (a) _____;
 - (b) _____;
 - (c) _____; and
 - (d) _____.
- _____. (RAC 1.10)

19. To preserve the natural environment of national, provincial and municipal parks, reserves and refuges, and to minimize the disturbance to the natural habitat, overflights of these areas should not be conducted below _____ . (RAC 1.14.5)

20. What are the VFR cruising altitudes appropriate to an eastbound track above 3 000 ft AGL?
_____ (RAC 2.3.1)

21. In controlled airspace, the minimum VFR flight visibility is _____ mi., and the minimum distance from cloud is _____ horizontally and _____ vertically. (RAC 2.7.3)

22. Before entering Class C airspace, VFR flights require _____ from ATC and before entering Class D airspace, VFR flights must _____ ATC unit. (RAC 2.8.3 and 2.8.4)

23. An aircraft could be permitted in Class F restricted airspace only if _____ . (RAC 2.8.6)

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24. Pilot Briefing Services are available at telephone number _____. Bilingual Pilot Briefing Services are available at telephone number _____. **(RAC 3.2)**

25. After asking the passengers for their personal weights, what weight should be added for clothing on a winter flight? _____ **(RAC 3.5.1)**

26. A flight itinerary may be filed with a responsible person. A “responsible person” means an individual who has agreed to ensure that an overdue aircraft is reported to _____
_____. **(RAC 3.6.2)**

27. The closing of a flight plan or flight itinerary prior to landing is considered as filing an arrival report, and as such, it will result in _____
(RAC 3.12.2)

28. Where possible, pilots are required to report at least _____ min prior to entering an MF or ATF area. **(RAC 4.5.7)**

**140230 CYUL ST-JEAN
CYJN UNMANNED AERIAL VEHICLE OPS RADIUS 1.1 NM CENTRE
451813N 732553W (APRX 6 NM WNW AD) SFC TO 600 FT MSL
1400-1900 DLY
1403261400 TIL 1403271900**

29. Refer to the NOTAM above. The UAV activity is expected to start at _____ UTC on _____ (date). **(MAP 5.6.1)**

30. An aircraft altimeter which has the current altimeter setting applied to the subscale should not have an error of more than _____ when compared to the known ground elevation. **(AIR 1.5.1)**

31. The effect of a mountain wave often extends as far as _____ NM downwind of the mountains **(AIR 1.5.6)**

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32. If the background landscape does not provide sufficient contrast you _____ see a wire or cable while flying near power lines. (AIR 2.4.1)

33. The NAV CANADA Aviation Weather Web Site is found at https://flightplanning.navcanada.ca/cgi-bin/CreePage.pl?Langue=anglais&NoSession=NS_Inconnu&Page=forecast-observation&TypeDoc=html

Go to the Forecasts and Observations Web page and familiarize yourself with the Aeronautical Information Circulars (AICs) and AIP Supplements.

Record the most recent AIC number here: _____ (NAV CANADA Web site)

AEROPLANE

34. Hydroplaning is a function of the _____, _____ and speed. Moreover, the minimum speed at which a non-rotating tire will begin to hydroplane is _____ than the speed at which a rotating tire will begin to hydroplane. (AIR 1.6.5)

35. To achieve a turn of the smallest radius and greatest rate for a given angle of bank, fly at the _____ safe airspeed for the angle of bank. (Use **Aeroplane references**)

AEROPLANE & HELICOPTER

36. In addition to the classic whiteout condition of unbroken snow cover beneath a uniformly overcast sky, name two other phenomena that are known to cause whiteout. _____, and _____.(AIR 2.12.7)

HELICOPTER

37. On a two-bladed helicopter with a teetering rotor system, a flight manoeuvre that causes even a small amount negative g force could result in _____. (Use **Helicopter References**)

38. What are the two methods of recovery from a vortex ring state?
_____ or _____. (Use **Helicopter References**)

GLIDER

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39. During a medium banked turn on tow, the glider's nose should be pointed towards the towplane's _____ . (Use **Glider References**)

40. What should you do when slack in the towline is excessive or beyond a pilot's capability to safely recover? _____ (Use **Glider References**)

GYROPLANE

41. If a gyroplane took off with its centre of gravity aft of the longitudinal limit, the aircraft may not be able to establish level flight, even with maximum _____ cyclic. (Use **Gyroplane references**)

BALLOONS

42. No person shall operate a balloon over a built-up area without carrying on board sufficient fuel to permit the balloon to fly clear of the built-up area, taking into consideration the take-off weight of the balloon, the _____ and _____, and possible variations of those factors. (**CAR 602.18**)