2018 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 31. In addition, aeroplane and ultra-light aeroplane pilots are to answer questions 32 and 33; helicopter pilots are to answer questions 34 and 35; balloon pilots are to answer questions 36 and 37; glider pilots are to answer questions 38 and 39; gyroplane pilots are to answer questions 40 and 41.

References are listed at the end of each question. Many answers may be found in the Transport Canada Aeronautical Information Manual *(TC AIM). Other answers can be found in the* AIP Canada (ICAO). *Amendments to these publications may result in changes to answers and/or references. The TC AIM is available online at:* https://www.tc.gc.ca/eng/civilaviation/publications/tp14371-menu-3092.htm.

The AIP Canada (ICAO) *is available online at:* http://www.navcanada.ca/EN/products-and-services/Pages/AIP.aspx.

The CARs are available online at:
http://laws-lois.justice.gc.ca/eng/regulations/SOR-96-433/FullText.html

1. When a civil aircraft uses its registration marks as its call sign after the initial contact with air traffic services (ATS), the call sign may be abbreviated to the last three characters of the registration, as long as _____.

   (TC AIM - COM 1.9.1.2)

2. Pilots should use VFR Global Navigation Satellite System (GNSS) receivers only to _____ map reading in visual conditions, not as a _____ for current charts.

   (TC AIM - COM 5.11 (f))

3. In the proper use of GNSS, pilots should resist the urge to fly into marginal weather when navigating VFR. The risk of getting lost is _____ when using GNSS, but the risk of controlled flight into terrain (CFIT) _____.

   (TC AIM - COM 5.11 (h))

4. Where can pilots find the suggested format for pilot weather reports (PIREPs)?

   _____
   _____

   (TC AIM - MET 1.1.6 and MET 2.1)

   UACN10 CYEG 081353
   EG
   UA /OV CYUX /TM 1346 /FLDURD /TP AT43 /SK 008BKN012

5. In the above PIREP, what is the reported weather condition?

   _____
   _____

   (TC AIM-MET 2.1)

6. TAFs are intended to relate to weather conditions for flight operations within _____ of the centre of the runway complex, depending on local terrain.

(TC AIM - MET 3.1 and 7.2)

7. What does the following mean if seen on a Graphic Area Forecast (GFA)?

BKN CU $\frac{80}{20}$

_____
_____

(TC AIM - MET 4.11)

ISOLD TCU 120
5SM –SHRA BR
MNLY OVR VC JMSBA/
NRN ON
LCL 1/2 SM FG
CIG 2 AGL

8. Decode the above GFA clouds and weather chart information.
_____
_____
_____
_____

(TC AIM - MET 4.11)

TAF CYAM 051339Z 0514/0602 VRB03KT P6SM SCT010 BKN030 TEMPO 0514/0515 BKN009 FM051500 30012G22KT 4SM -SHRA BR BKN020 OVC030 TEMPO 0515/0518 P6SM NSW SCT020 BKN040
FM051800 30015KT P6SM -SHRA FEW020 BKN040
BECMG 0522/0524 31008KT
RMK NXT FCST BY 052000Z=

9. In the above aerodrome forecast (TAF), what is the lowest visibility forecast for CYAM? _____. At what time is this visibility forecast to commence? _____.

(TC AIM - MET 7.4)

10. In the above TAF, what is the wind direction and speed expected at 2300Z?
_____.

(TC AIM - MET 7.4)

METAR CYXX 041700Z 34004KT 320V050 20SM SCT050 OVC060 07/03 A3007 RMK SC4SC4 SLP187=

11. What does 320V050 mean in the above METAR?
_____

(TC AIM - MET 8.3 (f))

12. In the remarks section of a METAR, density altitude will be indicated after sea level pressure when the density altitude is _____ ft or more than the aerodrome elevation.

(TC AIM - MET 8.3(o))

13. A VFR flight encountering instrument meteorological conditions (IMC) is not normally given VHF direction finder (VDF) headings. What should a pilot do to receive navigation assistance to the VDF site?

    _____

    (TC AIM - RAC 1.6)

14. In the interest of conserving wildlife, pilots must not fly at an altitude of less than _____ when in the vicinity of herds of wildlife or above wildlife refuges/bird sanctuaries depicted on affected aeronautical charts.

    (TC AIM - RAC 1.11.2)

15. The landing or takeoff of aircraft in national parks and national park reserves may only take place _____ in accordance with *National Parks of Canada Aircraft Access Regulations* which can be found at http://laws-lois.justice.gc.ca/eng/regulations/SOR-97-150/.

    (TC AIM - RAC 1.11.3)

16. VFR weather minimum in uncontrolled airspace at or above 1 000 ft AGL requires a visibility of ____ by day and ____ by night, and a distance from cloud not less than _____ horizontally and _____ vertically.

    (TC AIM - RAC 2.7.3 and CAR 602.115)

17. VFR flights must _____ with the appropriate air traffic control (ATC) agency _____ entering Class D airspace.

    (TC AIM - RAC 2.8.4)

18. In Canada, the area covered in a Search and Rescue visual search will typically extend to a maximum of _____ on either side of the flight-planned route.

    (TC AIM - SAR 2.1)

180139 CYTS TIMMINS
REMOTELY PILOTED AIRCRAFT ACT RADIUS 0.7 NM CENTRE 482818N 811833W (APRX 7 NM S AD) SFC TO 300 FT AGL 1350 MSL
TYPE SENSEFLY EBEE. WINGSPAN 38 INS. WEIGHT 1.5 LB. COLOUR BLACK YELLOW. 1400-2000 DLY
1809141400 TIL APRX 1812142000

19. In the above NOTAM, when is the remotely piloted aircraft system activity expected to end?

    _____

    (TC AIM - MAP 3.6.1)

20. A licence holder with an operational level of language proficiency must be retested every _____.

    (TC AIM - LRA 1.3)

21. On what date does the validity period of your medical certificate come to an end? (specify date) _____

    (TC AIM - LRA 1.9 & 1.9.1 and CAR 404.04)

22. The most common causes of fatigue are _____, _____, and _____.

    (TC AIM - AIR 3.8)

23. Go to the NAV CANADA Web site and familiarize yourself with the AICs and AIP Canada (ICAO) Supplements available at www.navcanada.ca/EN/products-and-services/Pages/AIP-current.aspx. Record the most recent AIC number here: _____

24. Pilots unfamiliar with the potential dangers and problems associated with navigating an aircraft in sparsely settled areas of Canada tend to _____ the difficulties involved in surviving on the ground.

(AIP Canada (ICAO) Part 1 - GEN 1.5.1)

25. What is the correct frequency to use in the Southern Domestic Airspace (SDA) for air-to-air communication? _____

(AIP Canada (ICAO) Part 1 - GEN 3.4.3.2)

26. How is the temporary occurrence of a potential hazard announced in the Canadian Domestic Airspace (CDA)?

(AIP Canada (ICAO) Part 2 - ENR 5.3.2)

27. AIP Canada (ICAO) Supplements are published at www.navcanada.ca/EN/products-and-services/Pages/AIP-part-4-current.aspx
What is the title of AIP Canada (ICAO) Supplement 7/18?

_____

(AIP Canada (ICAO) Part 4)

Nav Canada publishes the Canadian Airport Chart Diagrams at www.navcanada.ca/EN/products-and-services/Documents/CanadianAirportCharts_Current.pdf

28. What is the Aerodrome Traffic Frequency at Alert (ATF), Nunavut (CYLT)? _____

(Canadian Airport Chart Diagrams)

29. In the CFS, where would you find the mandatory circuit patterns and heights, specific VFR routes within zones, restrictions to certain types of traffic, other aerial activities within zones, specific helicopter procedures, and Noise Operating Criteria?

_____

(CFS Aerodromes and Facilities Legend)

30. Refer to the CFS and locate the Ottawa VFR Terminal Procedures Chart. Draw and name any 2 symbols found on the chart. _____ and _____.

(CFS Section A General, VTPC Legend and CFS Section B Aerodrome/Facility Directory)

31. Refer to the CFS and the Hinton/Jasper-Hinton Alberta (CEC4) aerodrome “Lighting” section. What does ARCAL stand for? _____ To turn on the aerodrome lights at this aerodrome, you should key the transmitter _____ on frequency _____

(CFS Section B, Aerodrome/Facilities and Section A, General, Aerodromes and Facilities Legend)

Aeroplanes including ultra-light aeroplanes:

32. You are in the circuit at a controlled airport and the tower tells the aircraft ahead of you that it is "Cleared for the option". What does that mean?

(TC AIM - GEN 5.1)

33. Aircraft departing an uncontrolled aerodrome should climb _____ before commencing a turn in any direction to an en route heading. Turns back toward the circuit or airport should not be initiated until at least ____ ft above the circuit altitude.

(TC AIM - RAC 4.5.2)

Helicopters:

Visit the Transportation Safety Board of Canada (TSB) website at www.bst-tsb.gc.ca/eng/rapports-reports/aviation/index.asp.

34. TSB Aviation Investigation Report A15P0217 states "Therefore, using TC's interpretation of the Night VFR requirements, a flight conducted over an area away from _____ and where there is inadequate ambient light to clearly discern a horizon (i.e. to continue flight solely by reference to the surface) does not meet the requirements for operation under VFR."

(TSB Aviation Investigation Report A15P0217 – 1.18.3.1)

Visit the Transportation Safety Board of Canada (TSB) website at www.bst-tsb.gc.ca/eng/rapports-reports/aviation/index.asp

35. TSB Aviation Investigation Report A11Q0168 states that "According to Robinson Helicopter Company Safety Notices SN-18 and SN-26, helicopters have _____ stability and much faster roll rates than aeroplanes. Loss of the pilot's outside visual references, even for a moment, can result in _____, wrong control inputs, and loss of control.

(TSB Aviation Investigation Report A11Q0168 – 2.3)

Balloons:

36. Should power line contact become inevitable, what is the best action for a balloonist to take? _____

(Use balloon references.)

37. 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 the _____, and possible variations of those factors.

(CAR 602.18)

Gliders

38. Identify two methods to reduce slack in a towrope while a glider is being aerotowed?
_____
_____

(Use glider references)

39. If your aircraft is above 1 000 ft AGL and the cloud base can easily be reached, how high are you permitted to fly? _____

(CAR 602.114 and 602.115)

Gyroplanes

40. Name the reasons why, while flying in the shaded area of the Height vs Velocity diagram, a landing, following an engine failure, has the potential to be unsuccessful?
_____

(Use Rotorcraft references.)

41. What are the potential dangers of excessive flapping of the rotor blades during a zero-g flight manoeuvre?
_____
_____

(Use Gyroplane References.)

Signature: _____ Date: _____