

VFC CHECK RIDE EXAM – Cessna 172SP

(Revised 2018-11-07)

NAME: _____

DATE: _____

QFI: _____

SCORE: _____

1. What is the usable fuel capacity for the C-172S?

2. How many fuel drains valves is the C-172S equipped with? ____

3. What RPM range should you see in a full throttle static run-up? ____

4. What is the maximum acceptable RPM drop per magneto? ____

5. What is the RPM limit for takeoff and continuous operations? ____

6. What is the maximum allowable takeoff weight for the C-172S? ____

7. At 4000' pressure ALT, what is the cruise power setting? _____%BHP _____ RPM

8. What airspeed would you use for obstacle clearance? $V_{\text{___}} =$
_____ KIAS

9. What airspeed would you use to expedite climb to altitude? $V_{\text{___}} =$ ____ KIAS

10. How many nautical miles can the C-172S glide from 3000'?

11. Fuel is gravity fed from the wing fuel tanks to the three position fuel valve into the reservoir tank; detail the remaining flow of fuel to the cylinders: _____

12. The annunciator panel provides caution (amber) and warning (red) messages for the following systems: _____

13. Anytime fuel in the tank drops below approximately ____ gallons, and remains below this level for more than _____, the amber LOW FUEL message will flash on the annunciator panel for approximately _____, and then remain steady amber.

14. The stall speeds, with and without flaps, for the C-172S are:
 V_{so} _____ KIAS V_{s} _____ KIAS

15. When fueling a Cessna 172S from 20 Gallons to 45 Gallons, a Pilot would request _____ Liters of fuel in each fuel tank, for a total of _____ Liters.

16. The maximum demonstrated crosswind velocity at 90° C-172S is: _____ KIAS.

17. What do you feel your personal 90° crosswind capabilities are? _____ KIAS

18. At 4000' PALT, what is the C-172S Range & Endurance at 65% Brake Horse Power:
Range _____ NM; Endurance: _____ HOURS

19. What is the anticipated true airspeed, and fuel consumption at 2000' PALT using your cruise power setting: _____KTAS, _____GPH.
20. The penalty for entering a Control Zone without clearance, or Mandatory Frequency (MF) area without establishing two-way contact is:
- a. A Civil Aviation Daily Occurrence Report.
 - b. A monetary penalty.
 - c. A temporary Licence Suspension.
 - d. All of the above.

The Following questions require the use of a Vancouver VFR Terminal Area Chart.

21. A takeoff clearance from Victoria (CYYJ) Inner Tower clears the Pilot to climb to, and level off at an altitude of: _____ feet. Climbing through an altitude of _____ feet, the Pilot must automatically switch to Outer Tower on frequency: _____ in order to receive clearance to climb higher.
22. Departing the Victoria Airport (CYYJ) towards Boundary Bay (CZBB) at a planned cruising altitude of 5,500', besides CYYJ and CZBB Tower a Pilot could expect to contact _____.
23. On a scenic flight at 2000' eastbound from Nanaimo (CYCD) through Trincomali Channel towards Pender Island, 2 NM prior to crossing the 123°30' meridian of longitude you must establish contact on:
- a. 123.025 MHz - Duncan Common Frequency Area (CFA).
 - b. 123.20 MHz - Island Traffic.
 - c. 119.10 MHz - Victoria Tower.
 - d. 127.80 MHz - Victoria Terminal.
24. Upon arrival in Victoria (CYYJ), after receiving the assigned arrival route from Victoria Outer Tower a Pilot shall maintain an altitude of: _____ feet. If unable to contact Victoria Inner Tower on frequency: _____ due to frequency congestion, a Pilot is expected to _____.

The Following questions require the use of a Vancouver VFR Navigation Chart.

25. Using a Vancouver VNC, the frequency to contact Campbell River Radio is: _____, and the Flight Information Services Enroute (FISE) frequency to contact Pacific Radio in Campbell River is: _____.
26. Upon arrival in Campbell River (CYBL), after broadcasting your intentions you receive no response from Campbell Radio; what should you do? _____.
- _____.

