

VICTORIA FLYING CLUB - CESSNA 172S EXAM

NAME: _____

DATE: _____

QFI: _____

SCORE: _____

1. What is the usable fuel capacity for the C-172S? _____
2. How many fuel drains is the C-172S equipped with? _____
3. What RPM range should you see in a full throttle static run-up? _____
4. What is the RPM limit for takeoff and continuous operations? _____
5. What is the maximum allowable takeoff weight for the C-172S? _____
6. At 4000' PALT, what is an appropriate Cruise Power Setting? _____ BHP _____ RPM
7. What airspeed would you use for obstacle clearance? V__ = _____ KIAS
8. What airspeed would you use to expedite climb to altitude? V__ = _____ KIAS
9. In a forward slip with a full rudder deflection, at a weight of 2200lbs, a Pilot should not exceed: V__ = _____ 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. When fueling a C-172S from 20 Gallons to 45 Gallons, a Pilot would request _____ Liters from the Fuel Attendant.
15. The stall speeds for the C-172S, with and without flaps are;
V_{so} _____ KIAS V_s _____ KIAS
16. The maximum demonstrated crosswind velocity in the C-172S at 90° is: _____ KIAS.
17. What do you feel your personal 90° crosswind capabilities are: _____ KIAS.
18. What are Range & Endurance at 4000' PALT using 65% for the cruise power setting:
Range _____ NM; Endurance: _____ HOURS
19. What is the anticipated true airspeed, and fuel consumption at 2000' PALT using your cruise power setting: _____ KTAS, _____ GPH