

ISLA GRANDE FLYING SCHOOL
PO BOX 192343
SAN JUAN PR 00919-2343

CESSNA 172 S/SP EXAM

1. What is the service ceiling? _____.
2. What is the maximum takeoff weight? _____.
Normal Category = _____ Utility Category _____
3. What is the maximum utility landing weight? _____
Normal Category = _____ Utility Category _____
4. What is the maximum ramp weight? _____
Normal Category = _____ Utility Category _____
5. Describe the engine type? _____
6. What kind of propeller is installed? _____
7. What are the propeller diameters? _____
Maximum = _____ Minimum = _____
8. What are the approved fuel grades and colors? _____
9. What is the total fuel capacity? _____
10. What is the total usable fuel? _____
11. What type of engine oil is used after engine break in? _____
12. What is the sump oil capacity? _____
13. What is the minimum oil capacity? _____
14. What is the maximum certified weight you can put in baggage Area 1? _____
15. What is the maximum certified weight you can put in baggage Area 2? _____
16. What is the maximum certified weight you can put in baggage Area 1 and Area 2 combined? _____
17. What is the maximum engine operating limits for takeoff and continuous operations?
_____.
18. What is the static RPM range at full throttle? _____.
19. What is the maximum oil temperature? _____.
20. What are the maximum and minimum oil pressures? _____.

21. What are the tire pressures? Nose = _____ Main = _____

22. V – Speeds in knots

X – wind = _____

V_r = _____

V_x = _____

V_y = _____

V_a = _____

Best glide = _____

V_{no} = _____

V_{ne} = _____

V_{fe} = _____

V_{so} = _____

V_s = _____

Max gross _____

Max gross _____

23. What are placards? _____.

24. Fuel selector must be on what position for takeoff and landings? _____.

25. What is the maximum slip or slip duration with one tank dry? _____.

26. Operation on either left or right tank should be limited to what kind of flight?
_____.

27. How do you drain the fuel sumps? _____.

28. What documents are required on board an aircraft prior to flight? _____.

29. What are the required maintenance inspections for the aircraft? _____.

30. How can a pilot determine if all of the required placards are present in his/her airplane?
_____.

31. How are the various flight controls operated? _____.

32. Describe the landing gear system on this airplane. _____.

33. Describe the braking system on this aircraft. _____.

34. How is steering accomplished on the ground? _____.

35. What type of ignition system does your airplane have? _____.

36. Describe the electrical system on your aircraft. _____.

37. How are the circuits for various electrical accessories within the aircraft protected?

- _____.
38. The electrical system provides power for what equipment in an airplane? _____
39. What does the ammeter indicate? _____.
40. What function does the voltage regulator have? _____.
41. What action should be taken if the ammeter indicates a continuous discharge while in flight? _____.
42. What action should be taken if the ammeter indicates a continuous excessive charge while in flight? _____.
43. What is your wing span in length? _____.
44. What is the propeller ground clearance? _____.
45. What is the tail height of the aircraft? _____.