Check Out Quiz for Bonanza

Name:_____ Date:_____

Where Dreams Lift Off!

1. What is the useful load of the aircraft? _____lbs.
2. How many gallons of useful fuel does this aircraft hold? _____ga.
3. What is the total fuel capacity for this aircraft?_____
4. What is the oil capacity of this aircraft? _____qts. Minimum oil capacity is? _____qts.
5. What grade of oil should be used in this aircraft? _____.
6. Max oil temp?_____°F.
7. What is Vso for this aircraft? _____
8. What is Vx for this aircraft? _____
9. What is Vy for this aircraft? _____
10. What is Vfe for this aircraft? _____
11. What is Vlo for this aircraft? _____
12. What is Vle for this aircraft? _____
13. What is Vne for this aircraft? _____
14. What is Vr for this aircraft? _____
15. What is Vlr for this aircraft?_____

16. What is the best glide speed for this aircraft? Flaps up_____ Flaps down_____
17. What is the maximum take off weight for this aircraft? _____lbs.
18. Describe the starting procedure for this aircraft. _____

_____.
19. Describe how a constant speed prop system operates. _____

_____
20. How many fuel drains? _____
21. Maximum Takeoff mp"_____hg.
22. What type of fuel grade (s) and color (s) for this aircraft? _____

_____

23. Describe how the cockpit heating system works. _____

_____.

25. What is the correct fuel grade (s) and color (s)? _____

_____

24. Describe the fuel system? _____

_____.

_____

25. Describe the O2 system and when should be utilized?_____

_____

_____

26. Describe the electrical system and list the components _____

_____

_____

27. Describe the engine make, model, and horse power._____

_____

28. Perform a weight and balance for the following:_____
29. What is maximum takeoff weight?_____
30. What is maximum landing weight?_____
31. Basic empty weight._____
32. Pilot and Front passenger: 355lbs.
33. Full Fuel: _____lbs.
34. Baggage: 50lbs.
35. Back Seat Passengers: 180lbs.

36. Total: _____lbs. C.G._____
37. Pressure ALT 10,000 MP"=_____hg
38. Temp 10°C _____KTAS
39. 75% Power Fuel Flow _____gph
40. Rpm=2300
41. Are you within legal limits of C.G. and Weight to fly? _____
42. What is the maximum demonstrated cross - wind component? _____
43. Describe the proper leaning procedure. _____

_____.

44. How is the landing gear powered and actuated?_____

_____

_____

45. How is the landing gear locked up and down?_____

_____

_____

_____

46. How you verify that the landing gear is locked and down?_____

_____

_____

47. What is the purpose of the air safety switch and where is located?_____

_____

_____

48. Describe the procedure for emergency gear extension?_____

_____

_____.

49. What is the purpose of a magneto and how many are there?_____

_____

50. What is the maximum allowable RPM drop when checking magneto and why? _____

_____

51. List the steps in the emergency procedures for engine failure in flight. _____

_____

_____

52. What is the procedure for propeller overspeed? _____

_____

53. Describe the emergency procedures for an engine failure during the following conditions:

During takeoff?_____

_____

_____

54. During take off after rotation?_____

_____

_____

55. During cruise flight?_____

_____

_____

56. List the steps in the event of engine failure? _____

_____

_____

57. How does an alternator failure is determine and what are the procedures that followed?_____

_____

_____ ____

_____ _____

Pilot Signature Date

_____ _____

CALIFORNIA FLIGHT CENTER C.F.I. Date