

**BEFA CUB CRAFTERS 6 MONTH QUIZ
CC18-180**

DATE _____

PILOT _____

INSTRUCTOR _____

1. What is the maximum takeoff gross weight? _____
2. What is the Empty Weight (with oil)? _____
3. What is the remaining useful load? _____
4. What is the useful load with full fuel? _____
5. With a 240Lb student and 190 lb instructor, what is the maximum fuel quantity allowable for flight? _____
6. What are allowable fuel grades/colors? _____
7. Where are the fuel drains located? _____
8. What is the maximum oil capacity? _____ and minimum oil level? _____
9. Describe the methods for airplane ground handling without a towbar:

10. Where are the static ports located? _____
11. Where is the fuel shut-off valve located? _____
12. When flying solo, the rear seat belt and shoulder harness should be _____
13. Describe the flooded start procedure:

14. While taxiing with a tail wind from the right, the control stick should be placed _____
15. List the IAS values, in MPH, for the following airspeeds:
Vy _____ Vx _____ Go Around Speed _____
Va _____
Best Glide Speed _____
Vo @2300lbs _____ @1800lbs _____ @1300lbs _____ Vne _____
16. What are the load factor limits for this airplane? Flaps up____, Flaps down____, Neg.____
17. Describe the engine air restart procedure:

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18. What is the takeoff distance and total distance to clear a 50 ft obstacle for 1580 lbs. weight, pressure altitude = 2000 ft, temperature 70°F and 7knots headwind?

What is the landing ground roll distance and total distance to clear a 50 ft obstacle for 1550 lbs. s weight, sea level, standard temperature, with a 7kt headwind? _____
What assumptions are included in determining these distances? _____

19. What four limits are imposed on flight with missing vortex generators:

- 1) _____
- 2) _____
- 3) _____
- 4) _____

20. How many times a day must the tire pressure be measured? _____

21. What is the Max tire pressure____, Minimum tire pressure _____

22. What are the BEFA recommended tire pressures?

23. How should the flaps be stored when parked on the ramp?

24. Describe the function and impact of missing gap seals? _____

25. What information can be gathered from the CGR-30P? _____

26. How does the CGR-30P interface with the GTN650? _____

27. What is the maximum fuel quantity?____,When the plane is parked what is the indicated fuel quantity versus the actual quantity? _____ Describe the reason for the variance?

28. Describe the pre-heat process for the aircraft.

29. Describe the night procedures unique to this aircraft.

30. List three indicators of carb ice.

31. Why is landing with a tailwind particularly dangerous in a tailwheel aircraft?

32. List all the ways you can identify wind direction prior to landing.

33. What can you do if winds are unfavorable at your intended destination?