

**BEFA CITABRIA 6 MONTH QUIZ  
7KCAB N36339**

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 140 lb student and 190 lb instructor, what is the maximum fuel quantity allowable for flight? \_\_\_\_\_ Is this airplane loading configuration approved for normal flight? \_\_\_\_\_ for aerobatic flight? \_\_\_\_\_ What is the rear CG limit for aerobatic flight? \_\_\_\_\_
6. What is the total useable fuel capacity? \_\_\_\_\_
7. What are allowable fuel grades/colors? \_\_\_\_\_
8. Where are the fuel drains located? \_\_\_\_\_
9. What is the maximum oil capacity? \_\_\_\_\_ and minimum oil level? \_\_\_\_\_
10. Describe the methods for airplane ground handling without a towbar:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
11. Where are the static ports located? \_\_\_\_\_
12. Where is the fuel shut-off valve located? \_\_\_\_\_  
Which direction should it be moved for the "OFF" position? \_\_\_\_\_  
What is the off position? \_\_\_\_\_
13. When flying solo, the rear seat belt and shoulder harness should be \_\_\_\_\_
14. Describe the flooded start procedure:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
15. While taxiing with a tail wind from the right, the control stick should be placed \_\_\_\_\_
16. List the IAS values, in MPH, for the following airspeeds:  
Vy \_\_\_\_\_ Vx \_\_\_\_\_ Go Around Speed \_\_\_\_\_  
Vs \_\_\_\_\_ @ 0° bank, \_\_\_\_\_ @ 60° bank Va \_\_\_\_\_ @ \_\_\_\_\_  
Best Glide Speed \_\_\_\_\_ Short/Soft Field Approach Speed \_\_\_\_\_  
Vno \_\_\_\_\_ Vne \_\_\_\_\_

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17. What are the load factor limits for this airplane? \_\_\_\_\_

18. Describe the engine air restart procedure:

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19. What is the takeoff distance and total distance to clear a 50 ft obstacle for maximum gross weight, pressure altitude = 2000 ft, and temperature 70°F?

What assumptions are included in determining these distances? \_\_\_\_\_

Describe the expected change in these distances for takeoffs from a grass runway:

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20. What is the landing ground roll distance and total distance to clear a 50 ft obstacle for maximum gross weight, sea level, standard temperature, with a 15 kt headwind?

What assumptions are included in determining these distances? \_\_\_\_\_

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