



# ASPEN Flying Club

## Aircraft Checkout Quiz

Aircraft Type: \_\_\_\_\_

Aircraft N#: \_\_\_\_\_

**Aircraft V speeds:** Please list speeds in MPH or KTS, appropriate to your aircraft.

- |                 |       |                   |       |
|-----------------|-------|-------------------|-------|
| 1. Normal Climb | _____ | 7. $V_{LE}$       | _____ |
| 2. $V_X$        | _____ | 8. $V_A$          | _____ |
| 3. $V_Y$        | _____ | 9. $V_{NE}$       | _____ |
| 4. $V_{S0}$     | _____ | 10. Appr. to land | _____ |
| 5. $V_s$        | _____ | 11. $V_{MC}$      | _____ |
| 6. $V_{FE}$     | _____ | 12. $V_{YSE}$     | _____ |
|                 |       | 13. Best Glide    | _____ |

### Aircraft Limitations:

1. What is the make and horsepower of the engine(s) on this aircraft?

\_\_\_\_\_

2. What weight of oil is used? \_\_\_\_\_ Min-Max # of Qts? \_\_\_\_\_

3. What is the maximum demonstrated crosswind component? \_\_\_\_\_

4. What is the octane rating of the fuel recommended for this aircraft? \_\_\_\_\_

5. How many gallons of fuel does this aircraft hold and how many are useable?

\_\_\_\_\_

6. Where are the fuel tanks located, and what are their capacities?

Main tank	_____	gallons	_____
Right tank	_____	gallons	_____
Left tank	_____	gallons	_____
Rear tank	_____	gallons	_____
Aux tank #1	_____	gallons	_____
Aux tank #2	_____	gallons	_____

7. Where and how do you drain the fuel sumps? \_\_\_\_\_

\_\_\_\_\_

8. What is the useful load of the aircraft with full fuel? \_\_\_\_\_

9. What is the maximum allowable weight the aircraft can carry in the baggage compartments?

Front	_____	lbs.	Rear	_____	lbs.
Left nacelle	_____	lbs.	Right nacelle	_____	lbs.
Belly	_____	lbs.	Total	_____	lbs.



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10. Is the landing gear fixed, manual, hydraulic, or electric? \_\_\_\_\_  
If it is retractable, what is the backup system? \_\_\_\_\_

### Performance:

1. What is the estimated TAS at 9500 ft. and 65% power? \_\_\_\_\_
2. What RPM or combination of RPM and Manifold pressure yields 65% power at 9500 ft. MSL? \_\_\_\_\_ RPM \_\_\_\_\_ MP
3. How many gallons of fuel are used p/hr. at 65% power, at 6000 ft? \_\_\_\_\_
4. With a full fuel load at 65% power, at 9500 ft., allowing a 45 min. reserve, what is the maximum endurance? \_\_\_\_\_ Hours.
5. (M. E. ONLY) In the event and engine fails, can all onboard fuel be fed to the running engine? If yes, explain how \_\_\_\_\_
6. What is pressure altitude and how do you find it? \_\_\_\_\_

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7. What take off distance is required to clear a 50 ft. obstacle at max gross weight at a pressure altitude of 6000 ft. and 75 F (no wind, hard surface)?  
\_\_\_\_\_ Ft.
8. In reference to the previous question, what would be the distance at a sea level pressure altitude? \_\_\_\_\_ Ft.
9. Would high humidity increase or decrease this distance? \_\_\_\_\_
10. Complete a weight and balance form (as specified by instructor).
11. In reference to the Baron, what are the limitations, if any, to a rolling takeoff?

### Numbers:

1. Emergency freq: \_\_\_\_\_
2. FSS freq: transmit \_\_\_\_\_ receive \_\_\_\_\_
3. Where can you find the FSS phone number? \_\_\_\_\_

**PILOT:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

I have reviewed the questions that were answered incorrectly and find  
\_\_\_\_\_ competent to fly \_\_\_\_\_

**CFI:** \_\_\_\_\_ **CFI#exp:** \_\_\_\_\_