



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 (best glide) | _____ | 9. V _{ne} | _____ |
| 4. V _{so} | _____ | 10. Appr. To Land | _____ |
| 5. V _s | _____ | 11. V _{mc} | _____ |
| 6. V _{fe} | _____ | 12. V _{yse} | _____ |

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?
Total: _____ Useable: _____
6. Where are the fuel tanks located, and what are their capacities?
Main tank _____ Gallons _____
Right tank _____ Gallons _____
Left tank _____ 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.
Back Rear _____ lbs. Total _____ lbs.
10. Is the landing gear fixed, manual, hydraulic, or electric? _____
If it is retractable, how do you manually extend the gear? _____



Aircraft Performance:

1. What is the estimated TAS at 6000ft. and 65% power? _____
2. What RPM or combination of RPM and Manifold Pressure yields 65% power at 6000ft. MSL? _____ RPM _____ MP
3. How many gallons of fuel are used per hour at 65% power, at 6000ft.? _____
4. With a full fuel load at 65% power, at 6000ft., allowing a 45 min. reserve, what is the maximum endurance? _____ Hours
5. What is pressure altitude and how do you find it? _____
6. What takeoff distance is required to clear a 50 ft. obstacle at max gross weight at a pressure altitude of 5000ft. and 90 F (no wind, hard surface)? _____ Ft.
7. What takeoff distance is required to clear a 50 ft. obstacle at max gross weight at a pressure alt. of sea level and 90 F (no wind, hard surface)? _____ Ft.
8. Would high humidity increase or decrease this distance? _____
9. Complete a weight and balance for the flight or as specified by the instructor.

Important Numbers:

1. Emergency Frequency: _____
2. Emergency Squawk Codes: Emergency: _____ Hijacking: _____
Loss of Communications: _____
3. FSS Frequency at Great Bend: _____ Flight Watch: _____
FSS Phone Number: _____

PILOT: _____ Date: _____
_____ (print name)

Certificate Number: _____

I have reviewed the questions that were answered incorrectly and find _____
_____ competent to fly _____.

CFI: _____ CFI #/exp.: _____