



Aero Fliers, Inc.

Ground Review N95640

Pilot _____

Date _____

1. What is the total fuel capacity? _____
2. How many fuel tanks are there? _____
3. How many fuel sumps are there and where are they?

4. What is the correct fuel and what color is it?

5. When should the fuel tanks be sumped?

6. How should fuel levels be checked?

7. What is the total oil capacity and what is the minimum operating oil level?

_____ / _____

8. List the following:

- a. Empty Weight _____
- b. Max. Takeoff Weight _____
- c. Max Allowable Weight in the front seats _____
- d. V_x _____
- e. V_y _____



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f. V_A _____

g. V_{SO} _____

h. Best Glide _____

9. How do you detect carburetor ice?

10. What do you do if you suspect carburetor ice?

11. When should carburetor heat be applied?

12. When should the beacon and navigation lights be turned on?

13. Describe the "Go Around" procedure:

14. When are seatbelts required to be fastened?

15. How do you properly lean the mixture?

16. When should the mixture be full rich and when should it be leaned?

17. What is the hottest temp CHTs should operate at and what should one do if CHTs exceed that temperature?



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18. How does density altitude affect aircraft performance and what might you need to consider when there is a high density altitude?

19. Where in the POH can you find takeoff and landing performance data?

20. Where can you find a copy of the POH?

21. What documents must be on board during flight?

22. What is a good average true airspeed to use for flight planning purposes?

23. What is a good average fuel burn to use for flight planning purposes?

24. Plan a cross country trip from KAKR to KUNV. Assume it is 20 degrees Celsius, clear skies, and light winds. Plan 25 pounds of luggage, and two passengers, one weighing 200 pounds, and one weighing 180 pounds. Complete the following:

- a. Compute the weight and balance.



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b. How much fuel will you plan for (including reserve)?

c. What altitude will you fly and why?

d. What route will you fly?

e. What things do you need to consider and plan for at KUNV?

Reviewed by:

Date: _____