Aerofliers Ground Review-Debonair

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 do the tab and detent indicate with regards to fuel?_____
8. How much fuel is required in each tank before takeoff?_____
   _____
9. How much oil does the total oil capacity and what is the minimum operating oil level? _____

10. List the following:

Empty Weight_____

Max. Takeoff Weight_____

Max Demonstrated Crosswind_____Is this limiting?_____

Vx_____

Vy_____

Va_____

Vso_____

Vle_____

Vlo_____

Vfe_____

Best Glide_____

11. How do you detect carburetor ice?_____

12. What do you do if you suspect carburetor ice?_____

13. When should carburetor heat be applied?_____
_____

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

15. Describe the “Go Around” procedure:_____
_____

16. Why are touch and go’s discouraged in the Debonair?_____
_____
_____

17. Why does Aerofliers recommend coming to a complete stop after clearing the runway before “cleaning up” the airplane?_____
_____
_____

18. How do you determine that the landing gear is extended?_____
_____
_____

19. What should you do if the landing gear fails to extend?_____
_____
_____
_____
_____

20. When are seatbelts required to be fastened?_____
_____

21. How do you properly lean the mixture using the JPI engine monitor?_____
_____

22. What is the maximum temperature the CHTs should operate at?_____

23. What should you do if the CHTs exceed the optimum maximum temperature?_____
_____
_____

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

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

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

27. Where can you find a copy of the POH?_____
_____

28. What documents must be on board during flight?_____
_____

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

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

31. 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:

    Compute the weight and balance.

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

    What altitude will you fly and why?_____

    What route will you fly?_____
    _____

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

_____
_____

Reviewed by:

_____

Date:_____