G1000 Checkout

To answer the following questions you will need the POH, G1000 Cockpit Reference Guide and the Cessna DVD presentation.

From the G1000 Cockpit Reference Guide

1. Describe the Kinds of Operation Equipment List (see section two of POH)

2. Is the Standby Battery required to pass the preflight test for IFR flight? (N/A to the C400)

3. Are the strobes required for day VFR flight?

4. How is the CDI navigation source changed from GPS to VOR?

5. What are the steps used to have the MFD help assist in leaning the engine?

6. How can you reset the amount of fuel displayed by the fuel totalizer?

7. How can you tell which of the two Comm. radios is currently in use?

8. What are the steps necessary to change a transponder code?

9. How can you select which Comm. radio is the one currently in use?

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10. List the steps required to activate "Direct To" navigation.

11. In what airspace will the TIS traffic service be available?

12. List the steps to make traffic appear on the Navigation Map page.

13. Describe how to interpret traffic symbols on the Navigation Map page.

14. List the steps to display Terrain and Obstacles (not TAWS) on the Navigation Map page.

15. Describe the color schemes for Terrain and Obstacles (not TAWS).

16. What is reversionary mode and what would cause it to automatically occur?

17. How is Reversionary mode manually entered?

18. What do red pitch chevrons indicate?

19. Name two ways you tell when any instrument or sensor has failed?

20. What is the difference between a Warning, Caution, and Advisory?

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21. What instruments will not be present if the AHRS fails?

22. What instruments will not be present if the Air Data Computer fails?

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The following questions come from the Cessna G1000 training DVD's

23. Define the following equipment acronyms:

AHRS

ADC

TIS

24. Where is the equivalent of the turn coordinator and the "ball"?

25. Where can you find bearing and distance information for your GPS destination?

26. Describe the steps necessary to tune a VOR.

27. What are the names of the four page groups (AKA "chapters") on the MFD?

28. How can you see a detailed picture of airport taxiways with your airplane superimposed on the diagram?

29. What devices are powered by the standby battery when the main battery fails?

30. What action should you take if the PFD fails?

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31. How do you adjust the volume and squelch of the intercom?

32. How can you determine the floor and ceiling of Class B and C airspace on the MFD?

33. What additional documents must be aboard a G1000 equipped airplane?

34. How can one verify the effective dates of the various databases during system startup?

35. What MFD key should be held for 2 seconds to return to the main map page?

36. Will the analog fuel tank gauges read correctly even if you forget to reset the digital fuel gauge?

37. Will the fuel ring still be accurate if you set the digital fuel gauge to the wrong value?

38. What buttons must be pushed to be able to see a list of the nearest airports?

39. If the entire electrical system fails, what standby gauges exist and which ones will continue to work?

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My instructor has reviewed this sheet with me and answered all my questions to my satisfaction:

Student   Print name   _____

                Sign name   _____

                Date   _____

This sheet has been satisfactorily review by:

Instructor   Print name: _____

                Sign name: _____

                Date: _____