# G1000 Questionnaire

1. When filling a VFR flight plan what suffix is used for a current Global Positioning System database? What suffix is used for an expired GPS database when filling an IFR flight plan? _____

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2. Describe the process for entering a newly assigned transponder code? _____

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3. What is the color of the active frequency? _____

4. What purpose does the red button located at the bottom of the audio panel serve? _____

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5. When manually tuning a frequency, what is the purpose of the large COM knob? What is the purpose of the small COM knob? _____

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6. How can the emergency frequency (121.5) be automatically implemented into the G1000? _____

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7. How do you adjust the volume for the intercom and the radios? _____

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8. Describe the process to manually dim the G1000 during night operations. _____

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9. What information is presented to the pilot when operating in reversionary mode? _____

_____

10. Which key should be pressed and held for 2 seconds to automatically and quickly return to the navigation map page? _____

11. What happens when the heading know is pressed? _____

12. In the terrain awareness feature what do the colors red and yellow each represent? _____

_____

13. Describe the service volume for the Traffic Information Service (TIS). _____

_____

14. In what areas will the TIS traffic awareness system be available and unavailable? _____
_____

15. What aircraft will NOT be picked up on the TIS traffic awareness system? _____

16. If one display fails, which mode does the system automatically go into? _____

17. How is an AHRS failure indicated on the G1000? _____

18. When the AHRS fails, what is theater piece of information what is lose besides attitude? _____
_____

19. What happens when the CRS knob is pressed? _____

20. Describe the CDI sensitivity scaling that occurs when flying a GPS approach? _____
_____

21. When navigating using the GPS, if an ILS, LOC or VOR approach is selected where is the frequency for the primary approach navigational aid placed? _____

22. Does the GPS provide data to autopilot to allow you to fly a coupled holding pattern? _____

23. Does the G1000 system automatically attempt to identify the tuned NAV frequency, and if yes, how is this visually presented if correctly identified? _____

24. What does RAIM stand for and describe its purpose? _____
_____

25. Describe the steps to verify RAIM? _____
_____

26. What procedure should be followed when RAIM becomes unavailable inside the final approach fix and outside the final approach fix? _____

27. How many flight computers make the entire G1000 avionics suite? Describe the functionality of each of them.
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_____
_____
_____
_____

28. Describe the process to input a flight plan and an approach at the destination airport. _____
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