

## G1000 Supplement to the Ground Review

1. What is the PFD, and what is its main function? \_\_\_\_\_  
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2. What is the AHRS, how many does the aircraft have, and what instruments are affected if it/they fails? \_\_\_\_\_  
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3. Where do annunciation indicators display? \_\_\_\_\_  
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4. What is TIS and when does it indicate? Does it work all the time? \_\_\_\_\_  
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5. What does a red "X" indicate? \_\_\_\_\_  
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6. How do you switch from NAV 1 to NAV 2 to GPS NAV? \_\_\_\_\_  
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7. List two ways in which the transponder will switch from the standby (ground) mode to altitude mode. \_\_\_\_\_  
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8. What is the MFD and what is its main function? \_\_\_\_\_  
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9. What is reversionary mode and how is it activated? \_\_\_\_\_

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10. What indication shows which COM and NAV frequencies are active? \_\_\_\_\_

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11. What will happen on the PFD in an extreme unusual attitude? \_\_\_\_\_

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12. What indication will the G1000 give if a low voltage condition is detected? What redundancies are in place in the event of an alternator or battery failure? \_\_\_\_\_

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13. What shape is the course selector knob? \_\_\_\_\_

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14. How do you enter a transponder code in the G1000? \_\_\_\_\_

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15. If the AHRS fails with the autopilot activated (KAP 140 or GFC 700), will the autopilot still function? If so, what function is still working? \_\_\_\_\_

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16. What two ways can a NAV source be identified in the G1000? \_\_\_\_\_

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17. What is RAIM and how many satellites are necessary to make it work? \_\_\_\_\_

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