To answer the following questions, you will need a Pilots Information Manual and a Pilots Cockpit Reference Guide.

**Primary Flight Display**

1. What information does the upper half of the PFD display? ______________________________

2. What information does the lower half of the PFD display? _______________________________

3. How is 45 degrees of bank indicated on the bank angle indicator? ______________________

4. How is the Pitch Ladder marked? ___________________________________________________

5. When does the Horizontal Deviation Indicator (HDI) display information? ______________

6. Does the PFD contain hard keys or soft keys? __________________________

7. What is the procedure for setting the altitude bug? _________________________________

8. What is the typical alignment time for the Air Data and Attitude Heading Reference System (ADAHRS)? ________________

9. Where is the primary source of navigation data received from? _________________________

10. How far in the future do trend indicators show? ______________________________________

11. What Rate of Turn markings are displayed on the PFD? ______________________________

12. What must be done in order for the HDI and VDI to automatically display position information when flying an ILS approach? ____________________________________________

13. When does the “CROSSCHECK ATTITUDE” warning message illuminate? ______________

14. What should you do if you see the “CROSSCHECK ATTITUDE” warning message? ______________

15. If a power loss of less than 30 seconds occurs, what happens to the AHRS? ______________

16. If a recoverable attitude data failure occurs, what must be done? _______________________

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____________________________________________________
1. How are the bezel keys organized? ____________________________
2. When on the map page, where is navigation and engine data displayed? __________________
3. When zoomed in on the map, what airport information is displayed that is not displayed at longer ranges? ____________________________
4. What happens if the traffic sensor reports a traffic advisory? ____________________________
5. If you receive a traffic message, what does pushing the ACK button do? __________________
6. What are the two levels of TAWS alerts and what do they mean? ____________________________
7. Which system has alert priority, TAWS or Traffic? ____________________________
8. Can you rely on the chart NOTAMS for flight planning? ____________________________
9. If a GPS has failed, what will be displayed on the Trip page? ____________________________
10. How is an intermediate waypoint depicted on the trip page? ____________________________
11. What is the purpose of intermediate waypoints? ____________________________
12. What does the Nearest NRST) page display? ____________________________
13. How can you switch between GPS1 and GPS2 for position data on the moving map? ________
14. What does the Airport Filter option on the Aux page allow you to do? ____________________________
15. How do you lean the engine for Best Power?

Student Signature: ____________________________

I, (CFI NAME)______________________, have reviewed this test and have corrected it to 100% and find the above student capable of operating the Avidyne system in solo flight.

Instructor Signature: ____________________________
Date: ____________________________