



Pacific Flying Club

G1000 Initial Training Exam

Member Name: _____

Date: _____

Corrected to 100% by: _____

Printed

Signature: _____

WebPages to find G1000 manuals:

Google '*G1000 Manuals*' and find Cessna Nav III System

Or

<https://support.garmin.com/support/manuals/searchManuals.faces>

An instructors help may be required!



Pacific Flying Club

G1000 Initial Training Exam

1. Define the following equipment abbreviations and acronyms:

(G1000PG pg. 597)

AHRS = _____

ADC = _____

TIS = _____

TAWS = _____

2. Describe the function of the following components of the G1000 Integrated Avionics System (G1000PG pg. 2-4):

GRS = _____

GMU = _____

GIA = _____

GDU = _____

GTX = _____

GMA = _____

GDL = _____

GDC = _____

3. Where can one verify the effective dates of the Jeppesen database during start-up?

4. Describe the process for entering a newly assigned transponder code.

(G1000PG pg. 123)

5. Is the active frequency used displayed towards the center of the G1000 display or towards the edge of the screen? (G1000PG pg. 100-101)

Center or Edge



Pacific Flying Club

G1000 Initial Training Exam

6. In what color is the active frequency displayed? _____

7. Which key should be pressed to change between the standby and active frequencies? (G1000PG pg. 100-101) _____

8. If the COM radio frequency toggle key is held for two seconds, what occurs? (G1000PG pg. 100-101)

9. Which key should be used on the audio panel to monitor a COM radio frequency without using it to transmit on?(G1000PG pg. 98)

10. What purpose does the red button located at the bottom of the audio panel serve? (G1000PG pg. 99)

11. When the PILOT ICS key is pressed, can the other passengers in the aircraft communicate with each other via the intercom? (G1000PG pg. 126)

Yes or No

12 Does the COM MIC key selection have any impact on the display of the COM frequencies on the PFD or MFD? If yes, how? (G1000PG pg. 100)

13. Is the process to manually tune in the NAV frequency the same as it is to manually tune the COM frequency? (G1000PG pg. 110)

Yes or No

14. How can the pilot select NAV 1 or NAV 2 on the HSI track bar? (G1000PG pg. 19)

15. Does the G1000 system automatically identify the tuned NAV frequency? (G1000PG pg. 111)

Yes or No

16. Can a flight plan be created using both the PFD and the MFD or must one or the other be used? (G1000PG pg. 185)

Both or PFD or MFD



Pacific Flying Club

G1000 Initial Training Exam

17. Which main page group is presented on the default MFD display?

- Map Aux System
 Checklist Nearest

18. Name one type of data can be overlaid on the MFD map?
(G1000PG pg. 18)

19. How are the Nearest (NRST) pages accessed? (G1000PG pg. 19, 30, 33)

20. Which key should be pressed and held for two seconds to automatically and quickly return to the Navigation Map page?
(G1000PG pg. 8)

21. In the terrain awareness feature, what do the colors red and yellow each represent? (G1000PG pg. 373/376)

Red: _____
Yellow: _____

22. If one display fails, what does the system automatically do?
(G1000PG pg. 14)

23. What information is presented to the pilot when a display is operating in Reversionary mode? (G1000PG pg. 14/15)

24. How is an AHRS failure indicated on the G1000?
(G1000PG pg. 15, POH 3-21)



Pacific Flying Club

G1000 Initial Training Exam

25. In flight, during a cross country, an AHRS failure occurs:

a. What other instruments can be used during flight? (POH pg. 3-21)

b. What are the next actions that should be taken during VFR flight?

- a) Do a forced approach
- b) Land as soon as POSSIBLE
- c) Land as soon as PRACTICAL
- d) Do nothing

c. When the AHRS fails, what is the other piece of information that is lost besides attitude? (POH pg. 3-21)

26. Where are the Autopilot controls located in the cockpit?
(G1000PG pg. 7/9)

27. Where are the Autopilot mode annunciations displayed? Describe the difference between the white and green mode colors. (G1000PG pg. 459)

28. List 3 ways the Autopilot can be disengaged. (G1000PG pg. 460)

1. _____ 2. _____ 3. _____