

**Garmin GNS 430 GPS / In-Cockpit Practical Exercise**

Student's Name \_\_\_\_\_

Date \_\_\_\_\_

**Instructions:** Complete each exercise in the cockpit with your instructor. If taking this exercise as a written test, download the document, write your answer to any of the questions on this page. Insert lines as necessary, and email the document to your instructor. If taking this on paper, use the reverse side, if necessary.

1. \_\_\_\_\_ Listen to the ATIS or ASOS on the cockpit speaker.
2. \_\_\_\_\_ Load the NDB Approach for SLE, with Vectors to Final.
3. \_\_\_\_\_ Load the NDB 22 Approach for MMV with Vectors to Final.
4. \_\_\_\_\_ Acquire an OBS course to the UBG VOR with an inbound course of 003 degrees.
5. \_\_\_\_\_ What is your distance and bearing to the 3<sup>rd</sup> nearest VOR?
6. \_\_\_\_\_ What is the length of the runway of the third nearest airport?
7. \_\_\_\_\_ Setup the GPS for the VOR approach into MMV with the VOR set in the #2 NAV as a backup.
8. \_\_\_\_\_ Transition from shooting the VOR/GPS-B approach into MMV after receiving a RAIM error message to shooting the VOR approach without the GPS.
9. \_\_\_\_\_ You are flying the NDB/GPS approach to RWY 31 at SLE. You begin your missed approach. What is the procedure for sequencing the GPS to the MAP?
10. \_\_\_\_\_ After shooting the NDB/GPS approach to SLE. what button do you press to sequence you to the MAP?
11. \_\_\_\_\_ While enroute to TURNO, you get a RAIM message. How can you navigate to TURNO? How will you enter the hold?
12. \_\_\_\_\_ How do you know that the RAIM warning is no longer valid after receiving one and clearing the error?
13. \_\_\_\_\_ How do you know that you have a RAIM error?
14. \_\_\_\_\_ Completely set up all the radios to shoot the LOC BC 13 SLE.
15. \_\_\_\_\_ Set the GNS 430 to support you when you shoot the LOC BC 13 SLE.