Garmin 430 GPS Practical Exercise

Name_____

Date_____

Instructions: Complete each exercise in the aircraft or in front of a desktop simulator. If using the aircraft, use an external power source so as not to deplete the battery. If using the desktop simulator, initialize your position (set your home airport) as the point of origin.

Power up the GPS unit and perform the self-test.

Identify the firmware version and database expiration.

Select ATIS on the COMM and listen to it.

Break the squelch Create a flight plan from your home airport to the 4th nearest airport. Store the flight plan in the database.

Explain the function of the large outer knob and the smaller inner knobs.

Using the Nav 2 page and arrow cursor, pan to and review a nearest airspace or waypoint area.

What is the frequency of the nearest FSS?

What is the difference between the 2 different flight plan pages?

Call up the stored flight plan, reverse the flight plan and activate it.

Acquire the airport and set the GPS for flying in the traffic pattern.

Do the same for the 3rd nearest airport.

Acquire an OBS course to the UBG VOR with an inbound course of 003 degrees.

What is your distance and bearing to the 3rd nearest VOR?

What is the length of the runway of the third nearest airport?

Select the nearest VOR and identify the radial on your are located?

What time is sunrise at KLGD?

Create a user waypoint from your present position. Name the waypoint 0001

Delete a waypoint from the user database.

Select the nearest airport with a CTAF and set the CTAF frequency into the COM standby frequency.

Create a Waypoint named 0002 on the 123 radial at 22 NM from the nearest VOR.

Determine the desired track to the waypoint created in the previous step.

Tune 121.5 and place it in the active com window with one keystroke.

Return to the Default Nav page from any other page with one keystroke.