GPS Data Test

Step 1:

With GPS Power OFF apply power to Trio Autopilot

Step 2:

Momentarily press the autopilot encoder (center) knob and the autopilot screen will display "No GPS"

Step 3:

Apply power to GPS

Step 4:

Navigate to the "Self-Test Page"

Step 5:

If connected properly your CDI will receive a signal from the GPS and you will see a change on the CDI.

Step 6:

If connected properly the Trio Autopilot will display the following:

<u>WAAS Unit</u>

Blue GPSS and GPSV lights will illuminate and blink indicating the ARINC 429 connection and format is OK.

No GPS message will clear - Green TRK light or Yellow CRS light will illuminate indicating the RS 232 connection and format is OK.

<u>Non WAAS Unit</u>

Blue GPSS light will illuminate and blink indicating the ARINC 429 connection and format is OK.

No GPS message will clear - Solid Green TRK light or Solid Yellow CRS light will illuminate indicating the RS 232 connection and format is OK.

<u>RS 232 ONLY Unit (Portable or VFR Only)</u>

No GPS message will clear - Green TRK light or Yellow CRS light will illuminate indicating the RS 232 connection and format is OK.

<u>Note: Some GPS units do not pass the necessary data to test the Trio Autopilot data on the self-test page.</u>
<u>Please contact The STC Group LLC if this test is unsuccessful.</u>