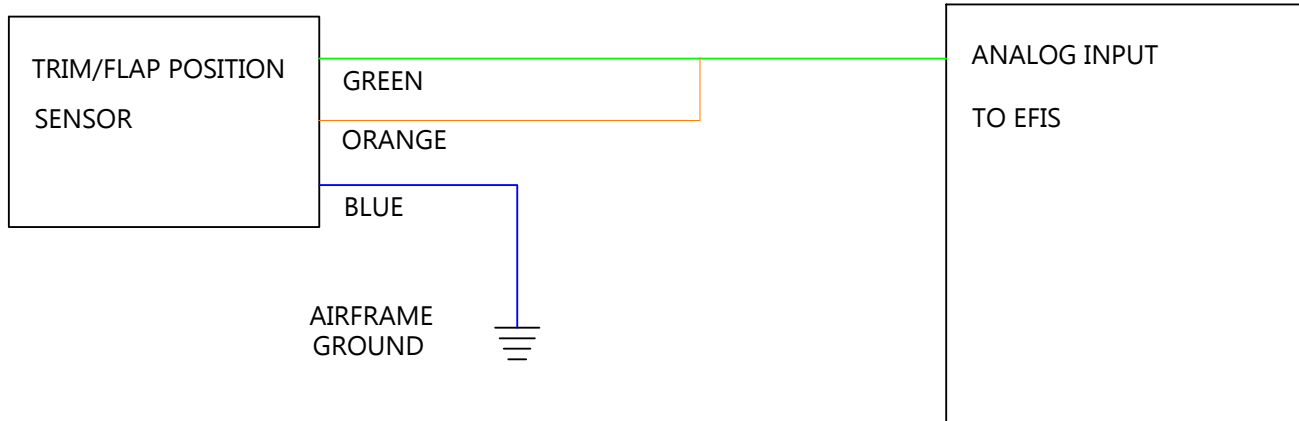


GRT HORIZON HX & HXr TRIM/FLAP POSITION



Wire colors noted in this drawing are for a RAY ALLEN COMPANY trim motor or position sensor. The position sensor does not have to use all of its travel. The HXr measures the small amount of voltage coming from the position sensor, which changes as the sensor arm moves. During Flap and Trim Calibration (General Setup page), you will move the flaps and/or trim to the UP position and push the SET softkey to record the sensed voltage, then repeat for the DOWN position. The HXr then uses those min/max voltage figures to calculate the flap and trim position and display it on the screen.

EFIS Setup:

1. Go to SET MENU > General Setup > ANALOG 1-8 (whichever is wired) and choose appropriate item. Selections are: FLAPS, AILERON TRIM, ELEVATOR TRIM, OR RUDDER TRIM.
2. Turn Pull-Up Resistor ON.
3. Scroll to SET MENU > General Setup > Set Elevator Trim Orientation: Choose DOWN trim at TOP or UP trim at TOP (pilot preference)
4. Scroll to Flap and Trim Calibration. Follow the on-screen instructions to calibrate the indicator on the PFD.

NOTE: G-meter visibility settings can affect visibility of flap or trim indicator because they are in the same place on the PFD. Set G-meter Mode (Primary Flight Display set menu page) to AUTO to display it only when the specified High and Low G Thresholds are reached.