

Pneumatic system Test for LXNAV S8x/S10x Varios and airspeed

Craggy Aero

Equipment Required

1. T fitting, instrument tubing, syringe, also use your airspeed indicator .

Test Procedure for TE

1. Install TE Probe.
2. Tape over the PTot (ram air pressure for Airspeed Pitot) hole in the Probe. T the airspeed indicator and syringe to the pitot line. Pressure the airspeed indicator to 80 kts. This pressurizes the line and should hold forever. (absolutely no bleed down of airspeed). Remove tape and airspeed should immediately go to zero. Mark this line PTot
3. Tape over the Static ports holes Pst in the Probe. T the airspeed indicator and syringe to the static line. Pressure the airspeed indicator to 80 kts. This pressurizes the line and should hold forever. (absolutely no bleed down of airspeed). Remove tape and airspeed should immediately go to zero. Label this line Pst
4. Tape over the TE ports holes in the Probe. T the airspeed indicator and syringe to the static line. Pressure the airspeed indicator to 80 kts. This pressurizes the line and should hold forever. (absolutely no bleed down of airspeed). Remove tape and airspeed should immediately go to zero. Label this line TE.
5. T the airspeed indicator, syringe to the PTot of the LXNAV S8x, S10x Varo. Set one of the nav boxes to indicated airspeed. Pressurize the line to 80kts check the vario AS and your indicator are the same.
6. Remove the T and connect the labeled tubes to the same tubes on the LXNAV Varo.

Test Procedure for Airspeed.

1. Insert a T in the airspeed line block the airspeed input.
2. Pressure to 80 knots.
3. Pressure should Hold.