



AOA Calibration Errors

Problem

AOA is not responding correctly or giving errors.

Description

Almost all problems with the AOA System can be traced to leaking or plugged plumbing lines.

Wing Upper Port Test Procedure

- Disconnect the Blue hose from the AOA CPU and verify that you can gently suck air through it.
- Place a piece of electrical tape over only the top wing port and verify that you can no longer suck air through it.
- Verify that the Blue hose is connected to the correct AOA CPU barb fitting.

Wing Lower Port Test Procedure

- Disconnect the Green hose from the AOA CPU and verify that you can gently suck air through it.
- Place a piece of electrical tape over only the bottom wing port and verify that you can no longer suck air through it.
- Verify that the Green hose is connected to the correct AOA CPU barb fitting.

Pitot Port Test Procedure

- Disconnect the Red hose from the AOA CPU and verify that you can gently suck air through it.
- Place a piece of electrical tape over the Pitot Tube port and vent hole and verify that when you gently blow in the tube the aircraft's airspeed indicator increases.
- Verify that the Red hose is connected to the correct AOA CPU barb fitting.

Static Port Test Procedure

- Disconnect the Clear hose from the AOA CPU and verify that you can gently suck air through it.
- Place a piece of electrical tape over the aircraft's static port vent holes and verify that when you gently suck in the tube the aircraft's altimeter increases.
- Verify that the Clear hose is connected to the correct AOA CPU barb fitting.

Perform a new AOA CPU Hangar Calibration

Perform a new Flight Data Calibration