

ZENAIR LTD

**STANDARD MANUFACTURING PROCEDURE -STATIC PRESSURE
SYSTEM INSPECTION**

A116-49

FORM A116

SEE D.C.S.

SEE DRAWINGS

**FULLY UNDERSTAND THIS FORM AND ALL OTHER
INSTRUCTIONS BEFORE STARTING THE JOB**

1. ENSURE FREEDOM FROM TRAPPED MOISTURE AND RESTRICTIONS.
2. DETERMINE THAT THE HEATER FOR THE STATIC PRESSURE PORT, IF INSTALLED, IS OPERATIVE (FOR IFR ONLY).
3. ENSURE THAT NO ALTERATIONS OR DEFORMATIONS OF THE AIRFRAME SURFACE HAVE BEEN MADE WHICH WOULD AFFECT THE RELATIONSHIP BETWEEN THE AIR PRESSURE IN THE STATIC PRESSURE SYSTEM AND THE TRUE AMBIENT STATIC AIR PRESSURE FOR ANY FLIGHT CONDITION.
4. WHEN ALL OTHER WORK HAS BEEN COMPLETED ON EACH STATIC PRESSURE SYSTEM DETERMINE THAT THE LEAKAGE RATE OF THE SYSTEM IS WITHIN THE FOLLOWING TOLERANCES.
5. BY USING APPROVED EQUIPMENT, EVACUATE THE STATIC PRESSURE SYSTEM TO A READING ON THE ALTIMETER TO 1000 FEET ABOVE THE AIRCRAFT ELEVATION AT THE TIME OF THE TEST. WITHOUT ADDITIONAL PUMPING FOR A PERIOD OF 1 MINUTE, THE LOSS OF INDICATED ALTITUDE MUST NOT EXCEED 100 FEET ON THE ALTIMETER.
6. CHECK THE READING OF THE ALTIMETER IN THE AIRCRAFT TO SEE THAT IT CORRESPONDS TO THAT OF THE TEST INSTRUMENT.

WORK DONE BY: _____ DATE: _____

INSPECTED BY: _____ DATE: _____