



## AIR DATA ACCESSORIES KIT MODEL No.EC175-612 AIRBUS H175 HELICOPTER

- Proprietary Information -

This kit contains all the equipment required to test the complete pitot and static system on the AIRBUS H175 Helicopter - as per the applicable Helicopter Maintenance Manual. The kit also allows pre-testing for a "No leak" configuration of all test adaptors, hoses and air data testset prior to connecting to the helicopter.

### **Pitot Test Adaptor**

#### **Part No. P88494-3 (3 req'd.)**

This test adaptor fits the pitot probe Sextant 46380 and is to be connected to the air data test set (ADTS) via the supplied pitot test hose assembly.

### **Pre-Test Probe**

#### **Part No. PT421-494 (3 req'd.)**

This probe is for use when it is necessary to check the integrity of the pitot test adaptors, or trouble shooting for air leaks. This unit simulates the actual pitot probe.

### **Static Test Adaptor**

#### **Part No. SSS98175-4-4-4 (2 req'd.)**

These units fit the static ports and attachment points located on the upper fuselage, above the left and right windows of the helicopter. One of the static test adaptors is used to blank the matching static ports on the opposite side of the helicopter fuselage. For this, the protective caps are tightened on to the

AN-4 hose fittings on the test adaptor- with no test hoses attached.

### **Pre-Test Plate- Static**

#### **Part No. PTS8175 (2 req'd.)**

This test plate is for use when it is necessary to check the integrity of the static test adaptor P/N. SSS98175-4-4-4 or trouble shooting for air leaks. This unit simulates the static port.

### **Pitot Test Hose Assembly**

#### **Part No. EC175-7270 (1 req'd.)**

This pitot test hose assembly is connected to the fittings of the pitot test adaptors (3) and to the pitot outlet of the air data test set (ADTS). Quick disconnect self-sealing fittings are incorporated into test hose assembly, to accommodate single, dual,- or triple pitot system testing.

### **Static Test Hose Assembly**

#### **Part No. EC175-5160 (1 req'd.)**

This static test hose assembly attaches to the static test adaptor P/N SSS98175-4-4-4. The other end of the test hose is connected to the static outlet of the air data testset (ADTS).

Quick disconnect self-sealing fittings are incorporated into test hose assembly, to accommodate single,- dual or triple static system testing.

A reducer Hose Assembly is included with this Assembly and is used when a -6 connection is required at the ADTS.



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**Reducer Hose Assembly**

**Part No. A352-4-6 (1 req'd.)**

This reducer hose assembly is connected between the Static outlet of the ADTS and the static test hose assembly when required.

**Seal Kit - Part No. SK494 (2 req'd.)**

Two sets of spare seals for the pitot test adaptors are stowed in this case.

**Seal Kit - Part No. SK8175 (2 req'd.)**

Three seals are required for each static test adaptor.

**Lubricating Fluid**

**Part No. LF5050 (1 req'd.)**

This fluid is used to lubricate the seals of the pitot test adaptors. It is recommended that a small amount be placed on the seals by means of the Pre-Test Probe insertion into pitot test adaptors before installing the adaptor on the pitot probe. This will ensure smooth installation onto the pitot probes.

**Manual - Part No. 444-EC175-612**

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.

Model No. **NANUKBL-EC175-612**