



AIR DATA ACCESSORIES KIT MODEL No. ADAH160-612 AIRBUS H160 HELICOPTER

- Proprietary Information -

This kit contains all the equipment required to test the complete Pitot and Static Air Data System on the H160 Helicopter - as per the applicable H160 Helicopter Maintenance Manual. The kit also allows pre-testing for a "No leak" configuration of all Test Adaptors, Test Hoses and Air Data Test Set (ADTS) prior to connecting to the helicopter.

Pitot Dual Static Test Adaptor

Part No. PSS42915-4CK2-4C-4C

(2 req'd.)

This Test Adaptor fits the AEROSONIC Pitot Probe Model # PST3200 and is to be connected to the Air Data Test Set (ADTS) via the supplied Pitot Test Hose assembly P/N H160-7270 and Static Test Hose assembly P/N H160-5160.

The Test Adaptor is equipped with self sealing Quick Disconnect Test Hose Fittings.

Pre-Test Probe

Part No. PT421-2915 (2 req'd.)

This Probe is for use when it is necessary to check the integrity of the Pitot Dual Static Test Adaptors P/N PSS42915-4CK2-4C-4C, or trouble shooting for air leaks. This Probe simulates the actual Air Data Probe contour and can be employed to trouble shooting for air leaks and lubricating the internal seals of the test adaptor.

Pitot Test Adaptor

Part No. P71415-4CK2 (1 req'd.)

This Test Adaptor fits the AEROSONIC Pitot Probe Model # PH3211 and is to be connected to the Air Data Test Set (ADTS) via the supplied Pitot Test Hose assembly P/N H160-7270.

The Test Adaptor is equipped with self sealing Quick Disconnect Test Hose Fittings.

This Emergency Pitot System Probe is located under the front fuselage of the Nose of the Helicopter.

Pre-Test Probe

Part No. PT421-1415 (1 req'd.)

This unit is used when it is necessary to check the integrity of the Emergency Pitot System Test Adaptor, Pitot Test Hose Assembly and ADTS.

With the Pre-Test Probe installed into the Pitot Test Adaptor, thus simulating the actual Aircraft Pitot Probe, - and with Pitot Air Data Pressure applied to the Test Adaptor via Pitot Test Hose Assembly - a leak check can be performed.

Static Test Adaptor

Part No. S98175-4C (2 req'd.)

These units fit the Alternate Static Ports located on each side of the forward helicopter cabin fuselage.

Both of the Cross Style Static Test Adaptors can be employed as Static Port Test Adaptors as well as Static Port Blanking Units.



AIR DATA ACCESSORIES KIT MODEL No. ADAH160-612 AIRBUS H160 HELICOPTER

- Proprietary Information -

Pre-Test Plate- Static

Part No. PTS8175 (2 req'd.)

This Pre-Test Plate is for use when it is necessary to check the integrity of the Static Test Adaptor P/N. S98175-4C, - as well as for trouble shooting for air leaks. This unit simulates the static port.

Pitot Test Hose Assembly

Part No. H160-7270 (1 req'd.)

This Pitot Test Hose Assembly is connected to the fittings of the Pitot Test Adaptors 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. H160-5160 (1 req'd.)

This Static Test Hose Assembly attaches to two Pitot Dual Static Test Adaptors P/N PSS42915-4CK2-4C-4C and one Alternate Static Port Test Adaptor P/N S98175-4C. Quick Disconnect self-sealing Fittings are incorporated into Test Hose Assembly, to accommodate single, dual or triple Static System testing.

Reducer Hose Assembly

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

This Reducer Hose Assembly is connected between the ADTS PS Static outlet (AN-6) of the ADTS and the Static Test Hose Assembly Connection Fitting (AN-4).

Seal Kit - Part No. SK2915 (2 req'd.)

Two sets of Spare Seals for the Pitot Dual Static Test Adaptors are stowed in this case.

Seal Kit - Part No. SK1415 (1req'd.)

One Seal Kit is supplied for Pitot Test Adaptor P/N P71415-4CK2.

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

Two Seal kits are supplied for Static Test Adaptor P/N S98175-4C.

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-ADAH160-612

One Manual is supplied with each Air Data Accessories kit. This manual contains a List of Equipment and Test Adaptor Detail Drawings with Parts Lists.

Storage Case

Model No. NANUK-H160-612.

The Case is equipped with Foam Dunnage.