



AIR DATA ACCESSORIES KIT
MODEL No. AD422-16
DHC-6 AIRCRAFT
(TWIN OTTER)

- Proprietary Information -

The kit contains all the equipment required to test from source the complete pitot and static air data system on the DHC-6 aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

Pitot Test Adaptor

Part No. P29932-4 (2 req'd.)

These units fit the pitot probes located on the nose and when installed they will isolate and test each system separately or simultaneously. Connect hose to unit before installation.

Pre-Test Probe

Part No. PT11882 (2 req'd.)

When this unit is inserted into the pitot test adaptors and the extension hose is connected from the pneumatic generator, the complete system, tester, hoses and adaptors can be tested before fitting to the aircraft.

Static Test Adaptor

Part No. 21298-180-4 (4 req'd.)

These units fit the static vents located on the side of the aircraft. The protective caps also act as pre-test adaptors. When used to blank off static vent on the opposite side of the aircraft, be sure to tighten nut securely thus completely closing off the system. Connect test hoses to adaptors prior to installation into static vents.

Pitot Test Hose Assembly

Part No. 421-4-15 (1 req'd.)

This hose is connected to the pitot inlet of the adaptors and is fitted with double acting quick disconnects for use when it is desirable to test only one pitot system.

Static Test Hose Assembly

Part No. 421-4-5 (1 req'd.)

This assembly attaches to the static test adaptors. The double acting quick disconnects operate in the same manner as that on the pitot test hose assembly.

Seal Kit - Part No. SK932 (2 req'd.)

Two sets of spare seals for pitot test adaptors are supplied with each kit.

Seal - Part No. 298180-7 (4 req'd.)

Four spare seals for static test adaptors are supplied with each kit.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the pitot test adaptors. It is recommended that a small amount be placed on the glands before installing adaptor on pitot head. This will ensure smooth installation onto the pitot probe.

Manual - Part No. 444-422-16

One manual is supplied with each kit.

This equipment is enclosed in a case assembly.