

**AIR DATA ACCESSORIES KIT
MODEL No. DH8-7-612
DE HAVILLAND CANADA
DASH 8
SERIES 100, 200 & 300
AIRCRAFT**



AIR DATA ACCESSORIES KIT MODEL No. DH8-7-612 DHC DASH 8-100/200/300 AIRCRAFT

- Proprietary Information -

This kit contains all the equipment required to test from source the complete pitot and static air data system on the DHC Dash 8 Series 100/200/300 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. P22201-3 (2 req'd.)

These units fit the pitot probes located on each side of the aircraft and when installed they will isolate and test each system separately or simultaneously, using pitot hose assembly supplied.

Pre-Test Probe

Part No. PT11882 (2 req'd.)

When it becomes necessary to test the integrity of the pitot test adaptor and/or hoses and test set these units are installed into the pitot test adaptors thus simulating the pitot head.

Static Test Adaptor

Part No. S51089-4 (1 req'd.)

This unit fits the Captain's F.O. and alternate static ports on the aircraft. This a composite static vent.

N.B. Attach hose to unit before installing on aircraft.

Static Blanking Adaptor

Part No. S51089B (1 req'd.)

This unit is used in conjunction with the above-mentioned test adaptor and is used to blank off the matching static vent on the opposite side of the aircraft. A test port is provided on the unit should it be desirable to check the integrity of the unit.

Static Pre-Test Unit

Part No. PT14097 (2 req'd.)

These units are mounted into the case cover and also act as storage pads. Before testing the integrity of the static test adaptors ensure that the mounting bolts are tight. The static testing and blanking adaptors may be tested separately or as a pair by connecting with the static test hose assembly 340-5160.

Pitot Test Hose Assembly

Part No. 340-7270 (1 req'd.)

This hose is connected to the pitot inlet of the adaptors and is fitted with two sets of double acting quick disconnects for use when it is desirable to test only one pitot system. The connection to the pitot outlet of the pneumatic generator is included on this assembly. Provision for an additional hose is also incorporated.

Static Test Hose Assembly

Part No. 340-5160 (1 req'd.)

This assembly is fitted with two double acting quick disconnects which operate in the same manner as that on the pitot test hose assembly. The extension hose then connects to the static outlet of the pneumatic generator. Provision for additional hose is also incorporated.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the pitot & dual static and pitot static test adaptors.

Only a very small amount is needed to lubricate the adaptor's interior glands before installing the adaptors onto the aircraft probes.

January 20, 2021



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This process will help to prolong the life of the seals as well as facilitate a smooth installation of the applicable adaptor onto the corresponding aircraft probe.

Using only 1 or 2 drops, apply a thin film coating onto the surface of the applicable Pre-Test Probe(s).

Then, while using a slight CW/CCW rotation, insert the Pre-Test Probe into the adaptor when setting-up for the 'Pre-Test' stage of the ADTU before hooking up to the aircraft's probes.

WARNING: Nav-Aids Ltd. @ P/N LF5050, Lubricating Fluid, is the only approved lubricant for this purpose. The use of any other substance may very well have adverse effects that could contribute to a Flight Safety Hazard.

Seal Kit – Part No. SK201 (2 req'd)

Contains 2 sets of replacement seals for Pitot Test Adaptor P22201-3

Manual - Part No. 444-DH8-7-612

One manual is supplied with each kit.

The equipment is enclosed in a case assembly **P/N NANUK940-DH8-7-612.**

Customer Support

For information or to order replacement parts for this kit or for other types of aircraft, please contact us:

**Nav-Aids Ltd.
2955 Diab Street
Montreal, QC.
H4S 1M1
Canada**

**Tel: 514 332-3077
Toll Free: 877-332-3055
Fax: 514 332-6711**

E-mail: info@navaidsltd.net

Website: www.navaidsltd.net