



AIR DATA ACCESSORIES KIT
MODEL No. ADRJ85-612
AVRO RJ85 AIRCRAFT

- Proprietary Information -

This kit contains all the equipment required to test from source the complete pitot and static air data system on the Avro RJ85 aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

Pitot Adaptor

Part No. P14600-4 (2 req'd.)

These units fit the pitot probes 853JE located on each side of the aircraft and when installed they will isolate and test each system separately or simultaneously

Pre-Test Probe

Part No. PT11460 (2 req'd.)

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

Static Test Adaptor

Part No. 21298M2-182-4 (3 req'd.)

These units fit the A.S.I. static ports positions S1, S2 & S3 on the aircraft nose.

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

Static Blanking Adaptor

Part No. 21298M2-182B (3 req'd.)

These units are used in conjunction with static test adaptors - P/N 21298M2-182-4 and are used to blank off the matching static vents on the opposite side of the aircraft.

Static Test Adaptor

Part No. SS88146-4 (1 req'd.)

This unit fits the static ports at approx. frame 27 on fuselage.

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

Static Blanking Adaptor

Part No. SS88146B (1 req'd.)

This unit is used in conjunction with static test adaptor SS88146-4 and is used to blank off the matching static vents on the opposite side of the aircraft.

Pitot Test Hose Assembly -

Part No. RJ85-7270 (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. The connection to the pitot outlet of the pneumatic generator is included on this assembly.

Static Hose Assembly

Part No. RJ85-5160 (1 req'd.)

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



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Static Test Hose Assembly

Part No. RJ85-9392 (1 req'd.)

This assembly is fitted with three double acting quick disconnects which operate in the same manner as that on the pitot hose assembly. The extension hose then connects to the static outlet of the pneumatic generator.

Seal Kit

Part No. SK146 (2 req'd.)

Two sets of spare seals for pitot adaptors P14600-4 are stowed in the case.

Seal Kit

Part No. SK8146 (2 req'd.)

Two sets of spare seals for static test adaptor SS88146-4 and static blanking adaptor SS88146B are stowed in the case.

Seal

Part No. 298180-7x10 (1 req'd.)

One package of ten seals for static test adaptor 21298M2-182-4 and static blanking adaptor 21298M2-182B is stowed in the case.

Manual - Part No. 444-RJ85

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.