



**AIR DATA ACCESSORIES KIT
MODEL No. ARJ21-945
ARJ21 AIRCRAFT**

- Proprietary Information -

This kit contains all the equipment required to test from source the complete pitot & static air data system on the ARJ21 Aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

RVSM Testing

Nav-Aids Ltd. (RVSM) Air Data Accessories Kits contain all adaptors and hoses required to enable the connection of all static positions either individually or simultaneously as required.

For exact air data test procedures for this aircraft, please refer to the Aircraft Manufacturer's Maintenance Manual.

Pitot Static Test Adaptor

Part No. PSS84368-4-4-4 (4 req'd.)

These units fit the pitot probe P/N 0856WE and when installed will isolate each system separately or simultaneously.

Pre-Test Probe

Part No. PT421-4368 (4 req'd.)

This probe is for use when it is necessary to check the integrity of the pitot static test adaptors. This unit is installed thus simulating the pitot probe.

Pitot Test Hose Assembly

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

This hose is connected to the pitot inlet of the adaptor and is fitted with double acting quick disconnects for use when it is desirable to test only one pitot system. The extension hose to the pneumatic generator is included on this assembly.

Static Test Hose Assembly

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

This assembly attaches to the static fittings. The double acting quick disconnects operate in the same manner as that on the pitot test hose assembly. The extension hose to the pneumatic generator is included on this assembly.

Seal Kit - Part No. SK4368 (4 req'd.)

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

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the 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.

Tool Kit – Seal Exchange

Part No. 421-ASTK (1 req'd.)

This tool kit contains the necessary tools to assist in the seal replacement of test adaptors. Instructions on how to change seals are included in the kit.

Manual - Part No. 444-ARJ21-945

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.