



**AIR DATA ACCESSORIES KIT
MODEL No. ADCRJ-612
CANADAIR REGIONAL JET**

- Proprietary Information -

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

Pitot & Dual Static Adaptor

Part No. PSS73259-3-4-4 (2 req'd)

These units interface with the pitot and dual static probes P/N 856KV 9 & 10 located on the nose of the aircraft and when installed they will isolate and test each system separately or simultaneously. Safety compartments are built into these adaptors, which will protect the air data system in the event that units are improperly installed.

Pre-Test Probe

Part No. PT17325 (2 req'd)

When it becomes necessary to check the integrity of the test adaptors, hoses and pitot static test unit, these units, which simulate the aircraft probes, are installed into the adaptors, thus simulating the complete aircraft system, when the test set is actuated. Hence the complete system may be tested prior to fitting to the aircraft.

This unit is used as assembly jig when unit is dismantled.

Standby Pitot Adaptor

Part No. P75701-3 (1 req'd)

This unit interfaces with pitot tube 0851HF. Used as a standby pitot tube on the Canadair Regional Jet. It is stowed in the dunnage of the lower transit case.

Static Test Adaptor

Part No. 33410S-70-4 (1 req'd)

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Static Blanking Adaptor

Part No. 33410S-70B (1 req'd)

These units fit the static vents located on each side of the rear fuselage. The blanking adaptor – Part No. 33410S-70B is stowed in the case and is used to blank off a rear static vent. The static adaptor – Part No. 33410S-70-4 is attached to the alternate static hose assembly – Part No. CRJ767-105.

Pitot System Hose Assembly

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

This hose assembly connects to the pitot fitting of each adaptor. The assembly is complete with two sets of dual action quick disconnect fittings for use when it is desirable to test only one system.



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Static System Hose Assembly

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

This assembly attaches to the fittings on static positions one and two of the test adaptor, which is then interfaced with the pitot dual static probe. The double acting quick disconnects operate in the same manner as those on the pitot test hose assembly. When the second adaptor is interfaced with the probe on opposite side of aircraft, the static position fittings should be capped and tightened.

Alternate Static Test Hose Assembly

Part No. CRJ767-105 (1 req'd)

This hose assembly consists of hose of sufficient length to connect directly to the test unit and a 33410S-70-4.

Vacu-Grip Assembly

Part No. 421-4900 (1 req'd)

One of these units is supplied with each kit to provide a means of support for the alternate static system test hose assembly.

Lubricating Fluid

Part No. LF5050 (1 req'd)

This fluid is used to lubricate the glands of the pitot and dual static adaptor. It is recommended that a small amount be placed on the glands before installing adaptor on pitot probe.

Seal Kit – Part No. SK259 (2 req'd)

Two sets of spare seals for pitot and dual static adaptor – Part No PSS73259-3-4-4 are stowed in the case.

Seal Kit – Part No. SK701 (1 req'd)

One set of spare seals for standby pitot test adaptor – Part No P75701-3 are stowed in the case.

Seal – Part No. 410S-7 (2 req'd)

Two spare seals for adaptors 33410S are stowed in the case.

Manual

Part No. 444-CRJ (1 req'd)

One manual is supplied with each kit.

Case Assembly

Units are contained in a carrying case complete with dunnage, equipment list and identification plate.