



AIR DATA ACCESSORIES KIT MODEL No. ADC604-612 CL-604 & CL-605 CHALLENGER AIRCRAFT

The kit contains all the equipment required to test from source the complete pitot and static air data system on the CL-604 & CL-605 Challenger aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

Pitot & Dual Static Test Adaptor

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

These units interface with the pitot & 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.

Pre-Test Probe

Part No. PT17325 (2 req'd.)

When it becomes necessary to test the integrity of the pitot & dual static test adaptors and/or hoses and test set, these units are installed into the test adaptors thus simulating the pitot head. Hence the system may be tested prior to being fitted to the aircraft.

Standby Pitot Adaptor

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

This Adaptor interfaces with pitot tube 0851HF, used as a standby pitot tube on the CL-604 & CL-605 Challenger aircraft. It is stowed in the dunnage of the case assembly.

Static Test Adaptor

Part No. 33410MX-67-4 (1 req'd.)

This static test adaptor P/N 33410MX-67-4 fits the static vents located on each side of the fuselage and are attached to the alternate static hose assembly P/N 604-767-105.

Static Blanking Adaptor

Part No. 33410B-67 (1 req'd.)

The blanking adaptor - P/N 33410B-67 is used to blank off the static vent on the opposite side of the aircraft.

Pitot Test Hose Assembly

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

This hose is connected to each 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 Test Hose Assembly

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

This hose assembly attaches to the #1 and #2 static fittings of the *pitot & dual static test adaptor*, which is then interfaced with the pitot dual static probe. The double acting quick disconnects operate in the same manner as that 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.

January 19, 2011



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Alternate Static Test Hose Assembly

Part No. 604-767-105 (1 req'd.)

This hose assembly has attached the static test adaptor P/N. 33410MX-67-4 and the other end connects directly to the air data test set.

Vacu-Grip Assembly

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

One unit is supplied with the kit to provide a support for static system test hose.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid used to lubricate the glands of the pitot and dual static test 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 test adaptors - P/N PSS73259-3-4-4 are stowed in the case.

Gland - Part No. 410MX-7 (2 req'd.)

Two spare seals (glands) for static test adaptor - P/N 33410MX-67-4 and static blanking adaptor - P/N 33410B-67 are stowed in the case.

Manual - Part No. 444-CRJ-604

One manual is supplied with each kit.

Case Assembly - Part No. 106X-CRJ

The equipment is enclosed in a carrying case complete with dunnage, equipment list and identification plates.

Customer Support

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

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