



**AIR DATA ACCESSORIES KIT**  
**MODEL No. ADC604-612**  
**CL604 & CL605 CHALLENGER AIRCRAFT**

***- Proprietary Information -***

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 fit 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.



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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.

**Seal- Part No. 410MX-7 (1 req'd.)**

One spare seal for static test adaptor - P/N 33410MX-67-4 are stowed in the case.

**Seal- Part No. 410-7 (1 req'd.)**

One spare seal for static test adaptor - P/N 33410B-67 are stowed in the case.

**Manual**

**Part No. 444-CRJ-604 (1 req'd.)**

One manual is supplied with each kit.

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