



**AIR DATA ACCESSORIES KIT
MODEL No. ADA717-612
BOEING 717 AIRCRAFT**

- Proprietary Information -

This kit contains all the equipment required to test from source the complete pitot and static air data system on the Boeing 717 aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

Pitot Test Adaptor

Part No. P15589M1-3 (3 req'd.)

These units fit the pitot probes 851AK located on the nose and when installed they will test each system separately or simultaneously by selecting related valve on panel face.

Pre-Test Probe

Part No. PT11558M1 (3 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.

Pitot Test Hose Assembly

Part No. 757-133 (3 req'd.)

Three of these assemblies are included in the kit and are connected to the pitot adaptor from the designated outlet on the control console and may be selected as required. Hoses are color coded at each end.

Pitot Input Hose Assembly

Part No. 757-214 (1 req'd.)

This assembly is used to connect the pitot outlet of the pneumatic generator to the pitot inlet located on the right hand side of the top panel of the control box.

Static Test Adaptor

Part N. 33410SAS-125-4 (2 req'd.)

These units are shipped attached to the static test hose assembly. To install, fully depress plunger, insert into center hole of static vent and release plunger. A slight rotation motion in each direction ensures a good seal. This unit is self sealing, locking, aligning and testing as the protective cap on the mandrill doubles as a pre-test unit. To remove from static vent, fully depress plunger and withdraw. Replace pre-test cap. The first dash number identifies the size of hole in center of the static vent and the last dash number identifies the fitting size.

Static Blanking Adaptor

Part No. 33410SAS-125B (2 req'd.)

These units are stowed in the transit case cover. When the static system is to be tested, one of these units is fitted to the appropriate static vent located on the opposite side of the aircraft, in order to enclose the system being tested, these units are inserted and removed in the same fashion as the test adaptors.

Static Test Hose Assembly

Part No. 717-212 (2 req'd.)

Two of these assemblies are supplied with the kit. A 33410SAS-125-4 static test adaptor is attached to each hose assembly for convenience of use. The static blanking adaptors to blank off opposite static vent is stowed in the case cover.



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Alternate Static Test Adaptor

Part No. 33410SAS-90-4 (1 req'd.)

This adaptor is for connection to the alternate static port of the aircraft and is attached to the alternate static test hose assembly.

Alternate Static Blanking Adaptor

Part No. 33410SAS-90B (1 req'd.)

This adaptor is used to cover the alternate static port on the opposite side of the aircraft.

Alternate Static Test Hose Assembly

Part No. 717-105 (1 req'd.)

This hose assembly is to connect the air data tester and to the alternate static test adaptor.

Static Input Hose Assembly

Part No. 767-111 (1 req'd.)

This assembly is used to connect to the alternate static and left and right D.A.D.C. connections to a source of vacuum (or pressure) should it become necessary to test lines of these systems simultaneously.

Vacu-Grip Assembly

Part No. 421-8971 (1 req'd.)

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

Control Console

Part No. 421-737-678 (1 req'd.)

Lubricating Fluid

Part No. LF5050 (1 req'd.)

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

Seal Kit – Part No. SK589M1 (3 req'd.)

Three sets of spare seals for the pitot adaptors are supplied with the kit.

Seal – Part No. 334-650 (6 req'd.)

Six seals for static test and static blanking adaptors are supplied with the kit.

Manual – Part No. 444-717-612

One manual is supplied with the kit.

The equipment is enclosed in a case assembly.