



**AIR DATA ACCESSORIES KIT
MODEL No. ADA707-612
BOEING 707 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 707 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. P14789-4 (2 req'd.)

These units fit pitot probes 851T & 851CM located on the nose of the aircraft and when installed will test each system separately and simultaneously.

Pre-Test Probe

Part No. PT11478 (2 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.

Static Test Adaptor

Part No. 33410M-125-4 (4 req'd.)

These units are used to check the static systems on the aircraft. To attach to static vent depress piston fully, insert into center hole of static vent and release. Depress piston fully to remove.

N.B. Attach hose to unit being used before installing on aircraft.

The protective caps attached to the units are designed such that they may be used as pre- test fixtures for these units and will prove the integrity of the adaptors, hose and tester prior to being fitted to the aircraft.

Alternate Static Test Adaptor

Part No. 21298-370-4 (2 req'd.)

These adaptors are for connection to the alternate static port of the aircraft.

Pitot Test Hose Assembly

Part No. 707-7270 (1 req'd.)

This hose is connected to the 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. 707-5160 (1 req'd.)

This assembly is fitted with double acting quick disconnects which operate in the same manner as that on the pitot test hose assembly. The extension hose then connects to the static outlet of the pneumatic generator.

Seal Kit - Part No. SK789 (2 req'd.)

Two sets of spare seals for pitot test adaptors - P/N P14789-4 are stowed in the case.

Seal - Part No. 410-7M (4 req'd.)

Four spare seals for static test adaptors - P/N 33410M-125-4 are stowed in the case.



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Seal – Part No. 298370-7 (2 req'd.)

Two spare seals for alternate static test adaptors – P/N 21298-370-4 are stowed in the case.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the pitot adaptor. It is recommended that a small amount be placed on the glands before installing adaptor on the pitot head. This will ensure smooth installation onto the pitot probe.

Manual - Part No. 444-707-612

One manual is supplied with each kit.

The equipment is enclosed in case assembly.