



**AIR DATA ACCESSORIES KIT
MODEL No. ADA787-612
BOEING B-787 AIRCRAFT7**

- Proprietary Information -

The kit contains all the equipment required to test from source the complete pitot & static air data system on the Boeing B-787 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. P75400M-4C (3eq'd.)

These units fit the pitot probes located near the nose and when installed they will isolate and test each system separately or simultaneously.

Pre-Test Probe

Part No. PT421-5400 (3 req'd.)

When it becomes necessary to test the integrity of the adaptors, hoses and test set, these units are installed into pitot test adaptors thus simulating the pitot probes.

Static Test Adaptor - Main

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

These test adaptors fit the main static ports located on both sides of the aircraft. Also serves as a blanking adaptor when the blanking cap is tightened onto the hose fitting of this adaptor.

Static Test Adaptor - Center

Part No. 33410LH-125-4 (2 req'd.)

These adaptors fit the center static ports located on both sides of the aircraft. . Also serves as a blanking adaptor when the blanking cap is tightened onto the hose fitting of this adaptor.

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 static system test hose assemblies and to protect against such hazards as work stands, vehicles, etc. during test.

Pitot Test Hose Assembly

Part No. 787-7270 (1 req'd.)

This hose assembly is connected to the pitot inlet of the pitot test adaptors. These hose ends are fitted with double acting quick connects.

Static Test Hose Assembly

Part No. 787-5160 (1 req'd.)

This hose assembly is connected to the inlets of the static test adaptors, the opposite end is connected to the static outlet of the ADTS.

Seal Kit

Part No. SK400 (3 req'd.)

Three sets of spare seals for pitot test adaptors are stowed in the case.

Seal

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

Four spare seals for static test adaptor-main P/N. 33410FFAB-125-4.

Seal

Part No. 334-7 (2req'd.)

Two spare seals for static test adaptor-center P/N.33410LH-125-4. Seal exchange for static test adaptors same procedure as previously mentioned.



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Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the seals inside the test adaptors.

This is accomplished by, finger tip or cotton swab, application of a very thin film of lubricating fluid to the surface of the pre test probe, inserting the probe into the test adaptor with a rotating motion and then retracting it. This action will ensure smooth test adaptor installation on to the pitot probe and will keep the test adaptor seals moist.

Tool Kit – Seal Exchange

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

This tool kit contains the necessary tools to assist in seal and gland replacement of adaptors. Instructions on how to change seals are included in the kit.

Manual - Part No. 444-787-612

One manual is supplied with each kit.

The equipment is enclosed in case assembly.