

AIR DATA ACCESSORIES KIT
MODEL No. ADA767-612
BOEING 767 AIRCRAFT



AIR DATA ACCESSORIES KIT MODEL No. ADA767-612 BOEING 767 AIRCRAFT

The kit contains all the equipment required to test from source the complete pitot & static air data system on the Boeing 767 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. PSS76700-3-4-4 (4 req'd.)

These units fit the pitot static probes 856LU located on the nose and when installed they will isolate and test each system separately or simultaneously.

Pre-Test Probe

Part No. PT17670 (4 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 pitot & dual static test adaptors thus simulating the pitot head.

Static Test Adaptor

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

Two of these units supplied with the kit.

To install depress 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 is tightened before installation.

When using as a blanking adaptor, ensure that the blanking cap is tightened before installation.

The first dash number identifies the size of hole in the center of the static vent and the last dash number identifies the fitting size (-4) indicates 1/4" hose size.

Pitot Test Hose Assembly

Part No. 767-133 (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. 767-212 (4 req'd.)

These hoses are connected between the control box and the relative connections on the pitot & dual static test adaptors.

Static Test Hose Assembly

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

This assembly is connected to the supply side of the control console and to the static position of the pneumatic tester.

Static Input Test Hose Assembly

Part No. 767-211 (1 req'd.)

This hose assembly is used when it is desirable to use only positions 1 to 4 or position 5.

Alternate Static Test Hose Assembly

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

This hose is connected to the alternate static outlet of the control box and is supplied with it's own separate vacuum source which can be shut-off from the front panel. The

February 16, 2010



AIR DATA ACCESSORIES KIT MODEL No. ADA767-612 BOEING 767 AIRCRAFT

33410LH-125-4 static test adaptor is connected thereto and the adaptor to blank off the opposite side of the aircraft is stowed in the case.

Manual - Part No. 444-767

One manual is supplied with each kit.

The equipment is enclosed in case assembly
Model No. 129XD-767.

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 assemblies.

Control Console

Part No. 421-767 (1 req'd.)

This contains all necessary shut-off valves, connections for test hoses and vacuum supply and all outlets, etc. are identified thereon.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

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

Seal Kit - Part No. SK767

Two sets of spare seals for pitot & dual static test adaptors are stowed in the case.

Seal - Part No. 334-7

Four spares seals for static test adaptors are stowed in the case.