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**AIR DATA ACCESSORIES KIT  
MODEL No. ADA767HT-612  
BOEING 767 AIRCRAFT  
&  
KC-46/46A PEGASUS TANKER**



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**- Proprietary Information -**

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. PSS76700M2-3-4-4 (4 req'd.)**

These units fit the pitot static probes 0856LU & 0856WB 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. PT17670 (4 req'd.)**

When it becomes necessary to test the integrity of the pitot & dual static adaptors and/or hoses and test set, these units are installed into the pitot & dual static 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.

When using as a blanking adaptor, ensure that the blanking cap assembly 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 console 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 console and is supplied with its own separate vacuum source which can be shut-off from the front panel. The 33410LH-125-4 static test adaptor is connected to this hose assembly and the



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adaptor to blank off the opposite side of the aircraft is stowed in the case.

**Reducer Hose Assembly**

**Part No. A352-4-6 (1 req'd.)**

As need be, this accessory provides for interface with an ADTS that is equipped with a **-6 Static** connection.

**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.

**Lubricating Fluid**

**Part No. LF5050 (1 req'd.)**

This fluid is used to lubricate the glands of the pitot & dual static and pitot static test adaptors.

Only a very small amount is needed to lubricate the adaptor's interior glands before installing the adaptors onto the aircraft probes.

This process will help to prolong the life of the seals as well as facilitate a smooth installation of the applicable adaptor onto the corresponding aircraft probe.

Using only 1 or 2 drops, apply a thin film coating onto the surface of the applicable Pre-Test Probe(s).

Then, while using a slight CW/CCW rotation, insert the Pre-Test Probe into the adaptor when setting-up for the 'Pre-Test' stage of the ADTU before hooking up to the aircraft's probes.

***WARNING: Nav-Aids Ltd. ® P/N LF5050, Lubricating Fluid, is the only approved lubricant for this purpose.***

***The use of any other substance may very well have adverse effects that could contribute to a Flight Safety Hazard.***

**Seal Kit**

**Part No. SK767M2 (2 req'd.)**

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

**Seal - Part No. 334-7 (4 req'd.)**

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

**Manual - Part No. 444-767HT (1 req'd.)**

One manual is supplied with each kit.

**Case Assembly**

**Part No. NANUK960-767HT-612 (1 req'd.)**

All foregoing listed equipment is enclosed in the case assembly.