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AIR DATA ACCESSORIES KIT
MODEL No. AD953-7
BOEING 737 AIRCRAFT

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NAV-AIDS LTD.
CAGE Code: 38002

The kit contains all the equipment required to test from source the complete pitot & static air data system on the Boeing 737 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. PSS22300-3-4-4 (4 req'd.)

These units fit the pitot static probes P/N 856AE 8 and 13 located on the nose and when installed they will isolate and test each system separately or simultaneously.

Pre-Test Probe

Part No. 953-161 (4 req'd)

When it becomes necessary to test the integrity of the pitot 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 probe.

Static Test Adaptor

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

These units are used to check the pilot's and co-pilot's static system on the aircraft. One is attached to the alternate static hose assembly. When used as a blanking unit, tighten cap on fitting, remove protective cap and insert jaws into static vent.

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

The protective cap attached to the 33410LH-125-4 is designed such that it may be used as a pre-test fixture for this unit and if required will prove the integrity of the adaptor, hose and tester prior to being fitted to the aircraft.

Pitot Test Hose Assembly

Part No. 953-7-133-101 (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. 953-7-162-212 (4 req'd)

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

Static Test Hose Assembly

Part No. 953-7-161-111 (1 req'd.)

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

Hose Assembly Static Input

Part No. 953-7-162-211 (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. 953-7-165-105 (1 req'd.)

The 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 33410LH-125-4 adaptor is connected there to and the adaptor to blank off the opposite side of the aircraft, is stowed in the case.

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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.

Five Position Selector Box

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 pitot head. This will ensure smooth installation onto the pitot probe.

Seal Kit – Part No. SK737

Two seal kits for pitot & dual static test adaptors are supplied with each kit and are stowed in the case.

Seal - Part No. 334-7

One spare seal for static test adaptor - P/N. 33410LH-90-4 is stowed in the case.

Manual - Part No. 444-953-7

One manual is supplied with each kit.

The equipment is enclosed in a Case Assembly, **Model No. 129XD-737.**

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