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**AIR DATA ACCESSORIES KIT
MODEL No. ADA125-945
HS125-600, 700 & 800
AIRCRAFT
For Standard & RVSM Testing**



**AIR DATA ACCESSORIES KIT
MODEL No. ADA125-945
HS125-600, 700 & 800 AIRCRAFT
For Standard & RVSM Testing**

This kit contains all the equipment required to test from source the complete pitot and static air data system on the HS125-600, 700 & 800 aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

RVSM Testing

This kit contains the additional adaptors and hoses required for performing an Air Data Test to the Reduced Vertical Separation Minima (RVSM) where test procedures require the simultaneous connection of all main and standby static ports on both sides of the aircraft fuselage. This differs from the standard air data test, where only one static port per system is connected, and the other port in the same static system is blanked off.

For exact air data test procedures for this aircraft, please refer to the Aircraft Manufacturer's Maintenance Instruction Manual.

Pitot Adaptor

Part No. P40951M-3 (2 req'd.)

These units fit the pitot probes 853JA & 853JF located on the nose and when installed they will isolate and test each system separately or simultaneously.

Pre-Test Probe

Part No. PT14095 (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. 21298GR55M3-180-4 (4 req'd.)

These units fit the front static vents located on each side of the aircraft. The protective caps also act as pre-test adaptors.

Static Test Adaptor

Part No. 21298M3-180-4 (2 req'd.)

These units fit the rear static vents located on each side of the aircraft.

The protective caps also act as pre-test adaptors.

Stall Warning Test Adaptor

Part No. 21298-250-4 (2 req'd.)

These adaptors are supplied in order that the integrity of the stall warning system may be checked with the aircraft on the ground.

Pitot Hose Assembly

Part No. 125-7270 RVSM (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 Hose Assembly

Part No. 125-5160 RVSM (1 req'd.)

This assembly attaches to the static adaptors. The double acting quick disconnects operate in the same manner as that on the pitot hose assembly. The connection to the static outlet of the pneumatic generator is included on this assembly.



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**Lubricating Fluid - Part No. LF5050
(1req'd.)**

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

Seal Kit - Part No. SK951M

Two sets of spare seals for pitot adaptors are supplied with each kit.

Seal - Part No. 298180-7

Six spare seals for static test adaptors and static blanking adaptors are supplied with each kit.

Seal - Part No. 298250-7

Two spare seal for stall warning test adaptors are stowed in the transit case.

Manual - Part No. 444-HS125-945

One manual is supplied with each kit.

The equipment is enclosed in a case assembly - Model No. **110XD-125-945**.