

AIR DATA ACCESSORIES KIT
MODEL No. ADA145M-612
ERJ145 & ERJ135 AIRCRAFT



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This kit contains all the equipment required to test from source the complete pitot & static system on the ERJ145 & ERJ135 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. P75701-3 (2 req'd.)

These units fit the pitot probes 0851HU and 0851HU3 located on the nose and when installed they will isolate and test each system separately or simultaneously.

Pre-Test Probe

Part No. PT17570 (2 req'd.)

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

Standby Pitot & Dual Static Test Adaptor

Part No. PSS97865-3-4-4 (1 req'd.)

This unit fits the pitot static probe 856NF located on the nose used as a standby pitot static tube on the ERJ145 & ERJ135 aircraft.

Pre-Test Probe

Part No. PT19786 (1 req'd.)

When it becomes necessary to test the integrity of the pitot & dual static test adaptor and/or hoses and test set, this unit is installed into the pitot & dual static test adaptors thus simulating the pitot head.

Static Test Adaptor

Part No. S34146-4 (2 req'd.)

These adaptors attach to the static vents by removing two static mounting screws and locating the adaptors mounting screw into this position. To mount the adaptors be sure that the pressure seal is retracted slightly inside the bracket before retaining studs.

The large knurled nut controls the forward and retracting action of the seal. It is advisable to attach the hose to the fitting prior to fitting to the aircraft.

Static Blanking Adaptor

Part No. S34146B (2 req'd.)

These adaptors are used in conjunction with static test adaptors S34146-4 and are used to blank off the matching static vent on the opposite side of the aircraft.

Pre-Test Probe

Part No. PT13414-2-2 (2 req'd.)

Pitot Test Hose Assembly

Part No. 340-7270 (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 for the pitot outlet of the pneumatic generator is included on this assembly.



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Static Test Hose Assembly

Part No. 340-5160 (1 req'd.)

This assembly attaches to the static fittings. The double acting quick disconnects operate in the same manner as that on the pitot test hose assembly. The extension fitting then connects to the static outlet hose of the pneumatic generator.

CPAM Test Assembly

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

This assembly is used to accomplish maintenance task 21-32-01-700-801A (Cabin Pressure Acquisition Module - Functional Test) which checks the Cabin-Pressure Acquisition Module (CPAM) after removal/installation.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the pitot & pitot & dual static test 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. SK701

Two sets of spare seals for pitot test adaptors - P/N P75701-3 are stowed in the case.

Seal Kit - Part No. SK120

One set of spare seals for pitot & dual static test adaptors - P/N PSS97865-3-4-4 are stowed in the case.

Seal - Part No. S341-61

Four spare seals for static test adaptors - P/N S34146-4 & static blanking test adaptors - P/N S34146B are stowed in the case.

Manual - Part No. 444-145M.

One manual is supplied with each kit.

The equipment is enclosed in a case assembly - **Model No. 106X-EMB-145.**