



AIR DATA ACCESSORIES KIT
MODEL No. ADA700-945
TBM-700 AIRCRAFT
Standard & RVSM Testing

- Proprietary Information -

The kit contains all the equipment required to test from source the complete pitot & static air data system, including RVSM on the TBM- 700 and TBM 850 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. P29932-4C (2 req'd.)

These units fit the pitot probes AN5812 located under the left wing and when installed, they will test each pitot system separately or simultaneously.

Pre-Test Probe

Part No. PT11882 (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.

Static Test Adaptor

Part No. S43510LM-150-4 (2 req'd.)

This unit is used to interface with the static ports mounted on the each side on the rear fuselage of the aircraft. The warning streamer, pre-test cap and blanking cap are attached to body by lanyards.

Note: This test adaptor can serve as a static port blanking unit when the blanking cap is installed.

Static Test Adaptor

Part No. S43510SM-150-4 (2 req'd.)

This unit is similar in construction to the S43510LM-150-4 except it is shorter in order that the fitting may be offset when units are in operation at the same time. The different lengths allow better accessibility to the compression nut. Note: This test adaptor can serve as a static port blanking unit when the blanking cap is installed.

Pitot Test Hose Assembly

Part No. 700-7270 (1 req'd.)

This test hose assembly is connected to the inlet of each pitot test adaptors and 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 Air Data Test Set (ADTS) is included on this assembly.

Static Test Hose Assembly

Part No. 700-5160RVSM (1 req'd.)

This assembly attaches to the static test adaptors with the AN-4 hose fitting. The double acting quick disconnects incorporated into the test hoses operate in the same manner as that on the pitot hose assembly. The connection to the static outlet of the Air Data Test Set (ADTS) is included on this assembly. For RVSM testing, all four static test adaptors are connected and installed into the four static ports on the fuselage.



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Seal Kit - Part No. SK932 (2 req'd.)

Two sets of spare seals for pitot test adaptor - P/N P29932-4C are stowed in the transit case.

Seal - Part No. 510-150-7 (8 req'd.)

Eight seals for static test adaptors and static blanking adaptors are stowed in the transit case.

Manual - Part No. 444-TBM700-945

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.