



AIR DATA ACCESSORIES KIT MODEL No. CITC-945 ALL CESSNA CITATION AIRCRAFT

For Standard & RVSM Testing

- Proprietary Information -

The kit contains all the equipment required to test from source the complete pitot & static air data system on all Cessna Citation aircraft, as well as the means of pre-testing adaptors, hoses and test set prior to being fitted to the aircraft.

RVSM Testing

Nav-Aids Ltd. (RVSM) Air Data Accessories Kits contain all adaptors and hoses required to enable the connection of all static main and standby positions either individually or simultaneously as required.

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

Pitot Test Adaptor

Part No. P86892-3 (3 req'd.)

(All Cessna Citation aircraft except Citation V – Serial # 1-248)

These units fit the pitot probes AN5812 & PH502 located on the nose of the aircraft and when installed they will isolate and test each system separately or simultaneously.

Pitot Test Adaptor

Part No. 18821-3 (3 req'd.)

(Citation V, Serial # 1-248)

These units fit the pitot probes PH1100 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. PT11882 (3 req'd.)

(All Cessna Citation)

When it becomes necessary to test the integrity of the pitot adaptors, hoses or test set, these units are used in place of the pitot probes.

Static Test Adaptor

Part No. 33410FFAB-125-4 (6 req'd.)

(All Cessna Citation aircraft except Citation V -Serial # 1-248)

These units fit the static vents located on the side of the aircraft. The protective cap also acts as a pre-test adaptor.

Static Test Adaptor

Part No. 33410CIT-190-4 (6 req'd.)

(Cessna Citation V, Serial # 1-248)

These units fit the static vents located on the side of the aircraft. The protective cap also acts as a pre-test adaptor.

Pitot Test Hose Assembly

Part No. CITC-7270RVSM (1 req'd.)

(All Cessna Citation)

This hose is connected to the pitot inlet of each adaptor 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 hose of the pneumatic generator is included on this assembly.



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Static Test Hose Assembly

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

(All Cessna Citation)

This assembly attaches to the static fittings. The double acting quick disconnects operate in the same manner as these on the pitot test hose assembly.

Vacu-Grip Assembly

Part No. 532-4900 (2 req'd.)

(All Cessna Citation)

This unit is supplied with each kit to provide a means of support for static system test hose assembly.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the pitot adaptor. It is recommended that a small amount be placed on the glands before installing adaptor on pitot probe.

Seal Kit - Part No. SK892 (3 req'd.)

Three sets of spare seals for pitot adaptors – P/N P86892-3 are stowed in the case.

Seal Kit – Part No. SK821 (3 req'd.)

Three sets of spare seals for pitot adaptors – P/N 18821-3 are stowed in the case.

Manual – Part No. 444-CITC-945

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.