



AIR DATA ACCESSORIES KIT
MODEL No. ADTUC-612
TUCANO AIRCRAFT
- Proprietary Information -

The kit contains all the equipment required to test from source the complete pitot and static air data system on the Tucano 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. 18821-3 (2 req'd.)

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

Pre-Test Probe

Part No. PT11882 (2 req'd.)

When it becomes necessary to check the integrity of the test adaptors, hoses and pitot static test unit, these units that simulate the aircraft probes, are installed into the adaptors, thus simulating the complete aircraft system, when the test set is actuated. Hence the complete system may be tested prior to fitting to the aircraft.

Static Test Adaptor

Part No. 33410-70-4 (2 req'd.)

These units fit the static vents located on the side of the aircraft. The protective caps also act as pre-test adaptors in order that the complete system, tester, hoses and adaptors may be tested before fitting to the aircraft. Connect test hoses to adaptors prior to installing into static vents.

Static Blanking Test Adaptor

Part No. 33410B-70 (2 req'd.)

These units fit the static vents located on each side of the fuselage. The blanking adaptors - P/N 33410B-70 are stowed in the case and are used to blank off the static vent on the opposite side of the aircraft.

Pitot System Test Hose Assembly

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

This hose is connected to each pitot inlet of the adaptor and is fitted with double acting quick disconnects for use when it is desirable to test only one pitot system. The extension hose to the pneumatic generator is included in this assembly.

Static System Test Hose Assembly

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

This assembly attaches to the static test adaptor fittings. The double acting quick disconnects operate in the same manner as that on the pitot hose assembly. The extension hose to the pneumatic generator is included on this assembly.

Vacu-Grip Assembly

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

These units are supplied with each kit to provide a means of support for static system test hose assembly.

Seal Kit - Part No. SK821 (2 req'd)

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



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Gland - Part No. 410-7 (4 req'd.)

Four spare glands for static test adaptor - P/N 33410-70-4 and static blanking adaptor - P/N 33410B-70 are stowed in the case.

Manual - Part No. 444-ADTUC-612

One manual is supplied with each kit.

Case Assembly

Units are contained in a carrying case complete with dunnage, equipment list and identification plate.