



**AIR DATA ACCESSORIES KIT
MODEL No. MUSTANG-945
CESSNA MUSTANG AIRCRAFT**

For Standard & RVSM Testing
- Proprietary Information -

The kit contains all the equipment required to connect and test from source the complete pitot & static air data system (including RVSM) as well as providing the means of pre-testing all test adaptors and hoses prior to being fitted to the Cessna Mustang Aircraft.

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

This kit consists of the following components:

Pitot Test Adaptor

Part No. P75705-3 (2 req'd.)

These units fit the pitot probes located on the nose section of the aircraft.

Pre-Test Probe

Part No. PT421-5705 (2 req'd.)

When it becomes necessary to test the integrity of the Pitot Test Adaptors, Test Hoses and Air Data Test Set (ADTS), these units are installed into adaptors thus simulating the pitot probes.

Static Test Adaptor

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

These units fit the static ports located on the fuselage of the aircraft.

Static Test Hose Assembly

Part No. MUSTANG-5160RVSM

(1 req'd.)

This hose assembly is connected to the inlets of the Static Test Adaptors. The remaining end is connected to the static outlet of the Air Data Test Set (ADTS).

Seal Kit

Part No. SK705 (2 req'd.)

Two sets of spare seals for pitot test adaptors are stowed in the clear plastic container.

Pitot Test Hose Assembly

Part No. MUSTANG-7270RVSM

(1 req'd.)

This hose assembly is connected to the Pitot Test Adaptors. The remaining end is connected to the pitot outlet of the Air Data Test Set (ADTS).

Seal Part – Static Test Adaptor Part

No. 410-7FFAB (4 req'd.)

Four spare seals for Static Test Adaptor are stowed in the clear plastic container. Seal Exchange for Static Test Adaptors: The seals are exchanged by pulling the seal off from its seat, cleaning the seat of glue and seal residues, then reinstalling and securing the new seal with the use of Sealant, P/N 3M CA8, or equivalent.



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Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the seals inside the test adaptors.

This is accomplished by use of finger tip or cotton swab, applying a very thin film of lubricating fluid to the surface of the pre test probe, inserting the probe into the test adaptor with a rotating motion and then retracting it. This action will ensure smooth test adaptor installation onto the pitot probe and will keep the test adaptor seals moist.

Manual - Part No. 444-MUSTANG-945

One manual is supplied with each Cessna Mustang Aircraft Air Data Kit. This manual contains drawings and parts lists of test adaptors and hose assemblies.

The equipment is enclosed in a case Assembly: