



AIR DATA ACCESSORIES KIT MODEL No. B52-612 B52 AIRCRAFT

- Proprietary Information -

This kit contains all the equipment required to test the pitot and static system on the B52 aircraft, as well as the means of checking the adaptors and hoses prior to attachment to the pitot probes and static vents.

SAS Pitot Test Adaptor

Part No. P95267-4 (2 req'd.)

This adaptor interfaces with the pitot probe 851DB-1 located on the nose of the aircraft and when installed will enclose the pitot inlet and drain holes.

SAS Pre-Test Probe

Part No. PT421-5267 (2 req'd.)

This unit simulates the pitot probe and when installed operationally into the test adaptor, will prove the integrity of the adaptor, hoses and test set before being applied to the aircraft system. This unit may also be used as the test fixture on the bench after the adaptor has been stripped and reassembled during overhaul.

Pitot Test Adaptor

Part No. P52981-4 (2 req'd.)

This adaptor interfaces with the pitot probe 851C located on the nose of the aircraft and when installed will enclose the pitot inlet and drain holes together with preparing the static system for test. INSTALLATION: Attach hoses to adaptor. Turn the compression nut fully counter clockwise and install the adaptor onto the probe until the soft snubber is contacted

by the tip of the probe. Position the sealing pad centrally over the rear pitot drain hole. Tighten the compression nut and rear drain seal.

Pre-Test Probe

Part No. PT421-2981 (2 req'd.)

This unit simulates the pitot probe and when installed operationally into the test adaptor, will prove the integrity of the adaptor, hoses and test set before being applied to the aircraft system. This unit may also be used as the test fixture on the bench after the adaptor has been stripped and reassembled during overhaul.

Pitot Test Hose Assembly

Part No. B52-7270 (3 req'd.)

These hose assemblies attach to the pitot adaptors and to the pitot outlet of the control console.

Static Test Hose Assembly

Part No. B52-5160 (4 req'd.)

These hose assemblies attach to the static adaptors and to the static outlets of the control console.

Control Console

Part No. 421-B52 (1 req'd.)

This contains all necessary shut-off valves, connections for test hoses, pitot and static supply and all outlets, etc. are identified thereon.



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Seal Kit

Part No. SK5267 (1 req'd.)

Seal Kit

Part No. SK2981 (1 req'd.)

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the pitot static adaptors. It is recommended that a small amount be placed on the glands before installing adaptor on pitot head. This will ensure smooth installation onto the pitot probe.

Manual

Part No. 444-B52-612 (1 req'd.)

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.