



AIR DATA ACCESSORIES KIT
MODEL No. ADA135-612
NSN: 4920-00-225-3300
KC-135 AIRCRAFT

- Proprietary Information -

This kit contains all the equipment required to test the pitot & static system on the KC-135 aircraft, as well as the means of checking the adaptors and hoses prior to attachment to the pitot probe and static vent.

Pitot Static Test Adaptor

Part No. PS99016-4-6 (2 req'd.)

This adaptor interfaces with the pitot static probe 856AG 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. PT19901 (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.

Static Test Adaptor

Part No. 33410AB-125-6KC (3 req'd.)

This unit attaches to the static vent located on the side nose position of the aircraft. The hose should be attached before the unit is fitted to the static vent. A slight back and forth pushing motion will seal the seal. The other end of hose is attached to a static outlet of the control console.

Static Blanking Adaptor

Part No. 33410B-125KC (3 req'd.)

This unit is used in conjunction with the static test adaptor-Part No. 33410AB-125-6M and when installed on the static vent on the opposite side of the aircraft, encloses the system ready for test. A slight back and forth pushing motion will seal the seal.

Pitot Test Hose Assembly

Part No. 135-8482 (3 req'd.)

This hose assembly attaches to the pitot position of the PS99016-4-6 adaptor and to the pitot outlet of the control console.

Static Test Hose Assembly

Part No. 135-3498 (1 req'd.)

This hose assembly attaches to the static position of the PS99016-4-6 of the adaptor and to the static outlet of the control console.

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Static Test Hose Assembly

Part No. 135-767-105 (3 req'd.)

The hose is connected to the static outlets on the control console which can be shut-off from the front of the panel. The 33410AB- 125-6KC adaptor is connected to the hose and the adaptor to blank off the opposite side of the aircraft is stowed in the case cover.

Control Console

Part No. 421-135 (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.

Vacu-Grip Assembly

Part No. 421-8971 (1 req'd.)

One unit is supplied with each kit to provide a means of support for static adaptor hose and to protect against such hazards as work stands, vehicles, etc., during test.

Seal Kit

Part No. SK016 (2 req'd.)

Seal

Part No. 410KC-7 (3 req'd.)

These seals are in the same container and stowed in the case and identified.

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. 444-135 (1 req'd.)

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.