

AIR DATA ACCESSORIES KIT
MODEL No. KING-945
BEECHCRAFT KING AIRCRAFT
For Standard & RVSM Testing



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- Proprietary Information -

This kit contains all the equipment required to test from source the complete pitot and static air data system on the Beechcraft King Air 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 nose 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 test the integrity of the pitot test adaptors and/or hoses, this unit is used in place of the pitot probe on the aircraft.

Static Test Adaptor

Part No. SKA100-4-4 (2 req'd.)

These units are used to test the static system controlled by the static vents located on each side of the fuselage.

Pitot Test Hose Assembly

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

This hose is connected to the 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.

Static Test Hose Assembly

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

This assembly attaches to the static adaptors. The double acting quick disconnects operate in the same manner as that on the pitot 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.

Seal - Part No. 521-7MC (4 req'd.)

Four spare seals for static test adaptors - P/N SKA100-4-4 are stowed in the case.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the pitot & dual static and pitot static test adaptors.

Only a very small amount is needed to lubricate the adaptor's interior glands before installing the adaptors onto the aircraft probes.

This process will help to prolong the life of the seals as well as facilitate a smooth installation of the applicable adaptor onto the corresponding aircraft probe.

Using only 1 or 2 drops, apply a thin film coating onto the surface of the applicable Pre-Test Probe(s).

Then, while using a slight CW/CCW rotation, insert the Pre-Test Probe into the adaptor when setting-up for the 'Pre-Test' stage of the ADTU before hooking up to the aircraft's probes.

WARNING: Nav-Aids Ltd. ® P/N LF5050, Lubricating Fluid, is the only approved lubricant for this purpose. The use of any other substance may very well have adverse effects that could contribute to a Flight Safety Hazard.

Manual - Part No. 444-KING-945

One manual is supplied with each kit.

The equipment is enclosed in a case assembly - **P/N NANUKGR-KING-945**

March 10th, 2021



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Customer Support

For information or to order replacement parts for this Kit or for other types of aircraft, please contact us:

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