

AIR DATA ACCESSORIES KIT
MODEL No. ADA320-845-2AC
AIRBUS A318, A319, A320
& A321 AIRCRAFT
For Standard and 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 systems on the following Airbus A318, A319, A320 & A321 aircrafts, as per relevant Airbus Maintenance Manual, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

This air data accessories kit contains the necessary test adaptors for pitot tubes:

- P/N 50620, C16195AA, C16195BA (Thales)
- P/N 0851HL (B.F.Goodrich)

RVSM Testing: This kit also contains the necessary adaptors and hoses to perform an air data test to the Reduced Vertical Separation Rules (RVSM), as per relevant Airbus Maintenance Manual.

Pitot Test Adaptor

Part No. P99320M1-4C (3 req'd.)

This adaptor has been designed to fit pitot probe P/N 50620, C16195AA & C16195BA. This unit is fitted on the nose of the probe and two pads on the extension arm enclose the two pitot drain holes.

Pre-Test Probe

Part No. PT19932 (3 req'd.)

These units are for use when it is necessary to check the integrity of the pitot test adaptors, the pitot system hose assembly and the air data test set.

Pitot Test Adaptor

Part No. P75701-4C (3 req'd.)

This adaptor has been designed to fit pitot probe P/N 0851HL located on the nose of the aircraft and when installed will test each system separately or simultaneously.

Pre-Test Probe

Part No. PT17570 (3 req'd.)

These units are for use when it is necessary to check the integrity of the pitot test adaptors, the pitot system hose assembly and the air data test set.

Adaptor Main Static Port

Part No. SS32092-4 (2 req'd.)

This static test adaptor provides the connecting seal to the two main static ports located on the aircraft fuselage. The adaptor is attached to the fuselage by means of two threaded studs which are to be carefully aligned and fastened to the anchor nuts of the aircraft.

Adaptor Standby Static Port

Part No. S32084M1-4 (2 req'd.)

This standby static adaptor provides the connecting seal to the standby static port located on the aircraft fuselage. The adaptor is attached to the fuselage by means of two threaded studs which are to be carefully aligned and fastened to the anchor nuts of the aircraft.

Pitot Test Hose Assembly

Part No. 320-6360 (1 req'd.)

This hose assembly consists of several hose branches and enables the connection of air data test set to one, two or all three pitot test adaptors. Double acting quick connects are incorporated into the hose branches for quick test configuration changeovers.

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Static Test Hose Assembly

Part No. 320-4959 (1 req'd.)

This hose assembly consists of several hose branches and enables the connection of air data test set to one, two or all three static adaptors, as per Airbus maintenance manual. Double acting quick connects are incorporated into the hose branches for quick test configuration changeovers.

Seal Kit - Part No. SK320 (3 req'd.)

Three sets of spare seals for pitot test adaptors P/N P99320M1-4C are supplied with each kit.

Seal Kit - Part No. SK701 (3 req'd.)

Three sets of spare seals for pitot test adaptors P/N P75701-4C are supplied with each kit.

Seal - Part No. 084M1-229 (3 req'd.)

Three seals for static test adaptors are supplied with each kit.

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. 444-320-845-2AC

This manual contains outline drawings and parts lists for test adaptors and layout schematics of the pitot and static hose assemblies contained in this Air Data Accessories Kit.

Carrying Case

Part No. NANUK963320-845-2AC (1 req'd.)

The above listed equipment is contained in Resin case lined with dunnage to receive the adaptors and hoses in an orderly fashion.

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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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