

**AIR DATA ACCESSORIES KIT
MODEL No. ADA320-723-2AC
A-319, 320 & 321 AIRCRAFT**



AIR DATA ACCESSORIES KIT MODEL No. ADA320-723-2AC A-319, 320 & 321 AIRCRAFT

This kit contains all the equipment required to test from source the complete pitot and static air data system on the A-320 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. P99320M1-4C (2 req'd.)

These units fit pitot probes 50620, C16195AA & C16195BA. The units are fitted on to the nose of the probe and two pads on the extension arm enclose the two pitot drain holes.

Pre-Test Probe

Part No. PT19932 (2 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 (2 req'd.)

These adaptors have been designed to fit pitot probes 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 (2 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 (1 req'd.)

This adaptor provides a connecting seal for the two main static ports and is applied to the aircraft fuselage, using the two anchor nuts. This adaptor is stowed in the bottom side of the case, using the two studs to attach the unit.

Once stowed, the storage position serves as a pre-test assembly to verify the integrity of the adaptor seal, hoses and air data test set.

Adaptor Standby Static Port

Part No. S32084M1-4 (1 req'd.)

This adaptor provides a connecting seal to the standby static port located in the nose area of the aircraft. It is applied to the aircraft using the two anchor nuts on the fuselage.

This adaptor is stowed on the top side of the case using the two studs to attach the unit.

Once stowed, the storage position serves as a pre-test assembly to verify the integrity of the adaptor seal, hoses and air data test set.

Standby Static Blanking Adaptor

Part No. 33410ABB-125 (1 req'd.)

These units are used to cover the standby static vent on the opposite side of the aircraft in order to seal the complete system.

To connect the blanking unit to the aircraft, depress plunger fully and remove protective cap. Insert mandril into center hole of static vent and release. To remove from aircraft, depress plunger fully as above.



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Pitot Test Hose Assembly

Part No. 320-7270X (1 req'd.)

This hose is connected to each inlet of the pitot test adaptors and is fitted with double acting quick disconnects for use when it is desirable to test only one pitot system. The connecting hose to the pitot outlet of the air data test set is included on this assembly.

Static Test Hose Assembly

Part No. 320-5160X (1 req'd.)

This hose assembly connects the static test adaptor to the air data test set. Double acting quick disconnects are incorporated into each leg of the hose at the adaptor side. This permits to connect only one static port. This hose is also used to provide a connection between the standby static port adaptor and the air data test set.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

The fluid is used to lubricate the glands of the pitot adaptors.

It is recommended that a small amount be placed on the probe before adaptors are installed on the aircraft. The lubrication fluid will ensure smooth adaptor installation on to the pitot tube and will keep the seals moist.

Seal Kit - Part No. SK320

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

Seal Kit – Part No. SK701

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

Manual - Part No. 440-320-723-2AC

One manual is supplied with each kit.

The equipment is enclosed in a case assembly – **110XD-320-723-2AC**.