

AIR DATA ACCESSORIES KIT
MODEL No. ADA235/295-946
NSN: 1730-01-HS2-1929
CASA/IPTN CN-235
&
EADS CASA C-295
AIRCRAFT
For Standard & RVSM Testing



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NSN: 1730-01-HS2-1929
CASA CN-235 & C-295 AIRCRAFT
For Standard & RVSM Testing
- Proprietary Information -

This kit contains all the equipment required to test from source the pitot & static air data system on the CASA CN-235 & C-295 aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

RVSM Testing

Nav-Aids Ltd. (**RVSM**) Air Data Accessories Kit contains all adaptors and hoses required to enable the connection of all static main and standby positions either individually or simultaneously as required.

For exact air data test procedure for this aircraft, please refer to the Aircraft Manufacturer's Maintenance Manual.

Pitot & Dual Static Test Adaptor

Part No. PSS88235-4C-4C-4C (3 req'd.)

These units fit the pitot probes 856NC 1 & 2 located on the nose and when installed they will isolate and test each system separately or simultaneously.

Pre-Test Probe

Part No. PT18823 (3 req'd.)

When it becomes necessary to test the integrity of the pitot & dual static adaptors and/or hoses and test set, these units are used in place of the pitot & dual static probe.

Pitot Test Hose Assembly

Part No. 235/295-10-4P (3 req'd.)

These hoses connect to each pitot inlet of the adaptors from the designated control console outlets.

Pitot Input Hose Assembly

Part No. 235/295-8381 (1 req'd.)

This assembly is used to connect the pitot outlet of the pneumatic signal generator to the pitot inlet connection on the control console.

Static Test Hose Assembly

Part No. 235/295-10-4S (6 req'd.)

These assemblies attach to the static positions on the pitot & dual static adaptors as designated on the control console.

Static Input Hose Assembly

Part No. 235/295-4059 (1 req'd.)

This assembly is used to connect the Static outlet of the pneumatic signal generator to the static inlet connection on the control console.

Control Console

Part No. 421-235/295 (1 req'd.)

This unit contains all necessary inlets and outlets required to connect the pneumatic generator and the adaptors and hoses to the aircraft sensing system.

Note: Care should be taken to ensure that the control valves are open when required before beginning the tests to avoid surges.

All inlets etc. are identified on the photo etched panel.



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Seal Kit

Part No. SK235 (3 req'd.)

Three sets of spare seals 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. 444-235/295-946

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.

Model No. NANUK960-235-295-946

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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