

AIR DATA ACCESSORIES KIT
MODEL No. ADA235/295-945
NSN: 4920-20-002-6637
CASA/IPTN CN-235
&
EADS CASA C-295
AIRCRAFT
For Standard & RVSM Testing



AIR DATA ACCESSORIES KIT
MODEL No. ADA235/295-945
NSN: 4920-20-002-6637
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. PSS88235-3-4-4 (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 this unit is inserted into the adaptor and the extension hose is connected from the pneumatic generator, the complete system, tester, hoses and adaptors can be tested before fitting to the aircraft.

Pitot Test Hose Assembly

Part No. 235/295-7270 (1 req'd.)

This hose is connected to each 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. The connection for the pitot outlet of the pneumatic generator hose is included on this assembly.

Static Test Hose Assembly

Part No. 235/295-5160 (1 req'd.)

This assembly attaches to the static fittings. The double acting quick disconnects operate in the same manner as those on the pitot test hose assembly. The extension fitting then connects to the static outlet hose of the pneumatic generator.

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).

November 18, 2020



AIR DATA ACCESSORIES KIT
MODEL No. ADA235/295-945
NSN: 4920-20-002-6637
CASA CN-235 & C-295 AIRCRAFT
For Standard & RVSM Testing
- Proprietary Information -

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. 444-235/295-945

One manual is supplied with each kit.

The equipment is enclosed in a case assembly –

Model No. NANUK950-235/295-945

Customer Support

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

Nav-Aids Ltd.
2955 Diab Street
Montreal, QC.
H4S 1M1
Canada

Tel: 514 332-3077

Toll Free: 877-332-3055

Fax: 514 332-6711

E-mail: info@navaidsltd.net

Website: www.navaidsltd.net