

**AIR DATA ACCESSORIES KIT  
MODEL No. ADA120-612  
EMBRAER EMB 120  
&  
CBA-123 VECTOR  
AIRCRAFT**



**AIR DATA ACCESSORIES KIT  
MODEL No. ADA120-612  
EMBRAER EMB 120 & CBA-123 AIRCRAFT**

**- Proprietary Information -**

This kit contains all the equipment required to test from source the pitot and static air data system on the Embraer EMB 120 & CBA-123 aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

**Pitot & Dual Static Test Adaptor**

**Part No. PSS97865-3-4-4 (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. PT19786 (2 req'd.)**

When it becomes necessary to test the integrity of the pitot adaptors and/or hoses and test set, these units are installed into the pitot adaptors thus simulating the pitot probe.

**Pitot Test Hose Assembly**

**Part No. 340-7270 (1 req'd.)**

This hose is connected to each pitot inlet of the adaptors 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 is included on the assembly.

**Static Test Hose Assembly**

**Part No. 340-5160 (1 req'd.)**

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

**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.***

**Seal Kit – Part No. SK120 (2 req'd.)**

Two sets of spare seals for the pitot adaptors Part No. **PSS97865-3-4-4** are stowed in the case.

**Manual – Part No. 444-120**

One manual is supplied with each kit.

The equipment is enclosed in a case assembly Model No. **NANUK933-120-612**.

August 24, 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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