

**AIR DATA ACCESSORIES KIT  
MODEL No. ADA145M-612  
EMBRAER ERJ 135, 140 & 145  
&  
EMBRAER LEGACY 600 & 650  
AIRCRAFT**



## AIR DATA ACCESSORIES KIT MODEL No. ADA145M-612 ERJ 135/140/145 & LEGACY 600/650 AIRCRAFT

**- Proprietary Information -**

This kit contains all the equipment required to test from source the complete pitot & static system on the ERJ 135, 140 & 145 Legacy 600 & 650 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. P75701-3 (2 req'd.)**

These units fit the pitot probes 0851HU and 0851HU3 located on the nose and when installed they will isolate and test each system separately or simultaneously.

### **Pre-Test Probe**

#### **Part No. PT17570 (2 req'd.)**

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

### **Standby Pitot & Dual Static Test Adaptor**

#### **Part No. PSS97865-3-4-4 (1 req'd.)**

This unit fits the pitot static probe 856NF located on the nose used as a standby pitot static tube on the ERJ135, 140 & 145 aircraft.

### **Pre-Test Probe**

#### **Part No. PT19786 (1 req'd.)**

When it becomes necessary to test the integrity of the pitot & dual static test adaptor and/or hoses and test set, this unit is installed into the pitot & dual static test adaptors thus simulating the pitot head.

### **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 this assembly.

### **Static Test Adaptor**

#### **Part No. S34146-4 (2 req'd.)**

These adaptors attach to the static vents by removing two static mounting screws and locating the adaptors mounting screw into this position. To mount the adaptors be sure that the pressure seal is retracted slightly inside the bracket before retaining studs.

The large knurled nut controls the forward and retracting action of the seal. It is advisable to attach the hose to the fitting prior to fitting to the aircraft.

### **Static Blanking Adaptor**

#### **Part No. S34146B (2 req'd.)**

These adaptors are used in conjunction with static test adaptors S34146-4 and are used to blank off the matching static vent on the opposite side of the aircraft.

### **Pre-Test Probe**

#### **Part No. PT13414-2-2 (2 req'd.)**

August 19, 2021



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**Static Test Hose Assembly**

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

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

**CPAM Test Assembly**

**Part No. CPAM-421 (1 req'd.)**

This assembly is used to accomplish maintenance task 21-32-01-700-801A (Cabin Pressure Acquisition Module - Functional Test) which checks the Cabin-Pressure Acquisition Module (CPAM) after removal/installation.

**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. SK701 (2 req'd.)**

Two sets of spare seals for pitot test adaptors - P/N P75701-3 are stowed in the case.

**Seal Kit - Part No. SK120 (1 req'd.)**

One set of spare seals for pitot & dual static test adaptors - P/N PSS97865-3-4-4 are stowed in the case.

**Seal - Part No. S341-61 (4 req'd.)**

Four spare seals for static test adaptors - P/N S34146-4 & static blanking test adaptors - P/N S34146B are stowed in the case.

**Manual - Part No. 444-145M**

One manual is supplied with each kit.

The equipment is enclosed in a case assembly. **Model No. NANUK940-145M-612.**

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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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