

**AIR DATA ACCESSORIES KIT**  
**MODEL No. ARJ21-945**  
**COMAC ARJ21 AIRCRAFT**  
For Standard & RVSM Testing



## AIR DATA ACCESSORIES KIT MODEL No. ARJ21-945 ARJ21 AIRCRAFT

For Standard & RVSM Testing

**- Proprietary Information -**

This kit contains all the equipment required to test from source the complete pitot & static air data system on the ARJ21 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 Kits contain all adaptors and hoses required to enable the connection of all static positions either individually or simultaneously as required.

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

### **Pitot & DUAL Static Test Adaptor**

#### **Part No. PSS84368-3-4-4 (4 req'd.)**

These units fit the pitot probe P/N 0856WE and when installed will isolate each system separately or simultaneously.

### **Pre-Test Probe**

#### **Part No. PT421-4368 (4 req'd.)**

This probe is for use when it is necessary to check the integrity of the pitot static test adaptors. This unit is installed thus simulating the pitot probe.

### **Pitot Test Hose Assembly**

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

This hose is connected to the 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 extension hose to the pneumatic generator is included on this assembly.

### **Static Test Hose Assembly**

#### **Part No. ARJ-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 hose to the pneumatic generator is included on this assembly.

### **Seal Kit - Part No. SK4368 (4 req'd.)**

Four sets of spare seals for pitot test adaptors 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.

November 23, 2020



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**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.

**Tool Kit – Seal Exchange**

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

This tool kit contains the necessary tools to  
assist in the seal replacement of test  
adaptors. Instructions on how to change  
seals are included in the kit.

**Manual - Part No. 444-ARJ21-945**

One manual is supplied with each kit.

The equipment is enclosed in a case  
assembly –

**Model No. NANUK950-ARJ21-945.**

**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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