



**AIR DATA ACCESSORIES KIT  
MODEL No. ADAF100-612  
FOKKER F-100 & F-70 AIRCRAFT**

**- Proprietary Information -**

This kit contains all the equipment required to test from source the complete pitot and static air data system on the F-100 & F-70 aircraft, as well as the means of pre-testing both pitot adaptors, static adaptors 33410FF-80-4 and hoses prior to being fitted to the aircraft.

**Pitot Test Adaptor**

**Part No. P80128-4 (2 req'd.)**

These units fit the pitot probes 853JB (2-810- A030) & 853BR (2-786-A030) located on each side of the aircraft and when installed they will isolate and test each system separately or simultaneously.

**INSTALLATION ON PROBE:**

Back off compression nut. Fit unit onto pitot tube ensuring that blanking pad is located over the drain hole of pitot tube. Holding unit in this position tighten one turn or more. Lower blanking pad to cover drain hole by adjusting bevelled nut.

**Pre-Test Probe**

**Part No. PT10128 (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 head. Be sure that internal and external integrity of the adaptors is accomplished.

**Static Test Adaptor**

**Part No. 33410FF-80-4 (4 req'd)**

These units are used to check the pilot's and co-pilots static system on the aircraft. When used as blanking units, tighten cap on fitting, remove protective cap and insert jaw into static vent.

N.B. Attach hose to unit being used as a tester before installing on aircraft.

The protective cap attached to the 33410FF- 80-4 is designed such that it may be used as a pre-test fixture for this unit and if required will prove the integrity of the adaptor, hoses and tester prior to being fitted to the aircraft.

**Static Test Adaptor**

**Part No. 21298-780-4 (1 req'd.)**

This unit fits the alternate static port on the aircraft.

N.B. ATTACH HOSE TO UNIT BEFORE INSTALLING ON AIRCRAFT.

**Pitot Test Hose Assembly**

**Part No. F100-7270 (1 req'd.)**

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



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**Static Test Hose Assembly**

**Part No. F100-5160 (1 req'd.)**

This assembly is fitted with two double acting quick disconnects which operate in the same manner as that on the pitot hose assembly. The extension hose then connects to the static outlet of the pneumatic generator.

**Suspension Arm Assembly**

**Part No. 300-8971-4 (1 req'd)**

One of these units is supplied with each kit to provide a means of support for static system test hose assemblies.

**Lubricating Fluid**

**Part No. LF5050 (1 req'd)**

This fluid is used to lubricate the glands of the pitot test adaptors. It is recommended that a small amount be used before installing adaptor on pitot head. This will ensure smooth installation onto the pitot probe.

**Seal Kit**

**Part No. SK128 (2 req'd)**

Two sets of spare seals for pitot adaptors, P/N P80128-4 are stowed in the case.

**Seal**

**Part No. 298-7-780 (2 req'd)**

Two spare seals for static adaptor – P/N 21298-780-4 are stowed in the case.

**Manual**

**Part No. 421-100 (1 req'd)**

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.