



**AIR DATA ACCESSORIES KIT  
MODEL No. F50-612M  
KOKKER 50 AIRCRAFT**

*- Proprietary Information -*

The kit contains the equipment required to test from source the pitot and static air data system on the 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. PSS88235-3-4-4 (4 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.

It should be noted that two of these adaptors are used as blanking units in which case the blanking caps should be securely tightened onto the fittings before use.

**Pre-Test Probe**

**Part No. PT18823 (2 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. F50-7270 (2 req'd.)**

These hoses are connected to the pitot inlet of each adaptor and are controlled through the pitot regulating and shut off valves in the manifold to which they are connected.

**Static Test Hose Assembly**

**Part No. F50-5160 (2 req'd.)**

This assembly attaches to the static fittings and is fitted with double acting quick disconnects for use when it is desirable to test only one system. The extension fitting then connects to the static source.

**Altitude Switch Hose Assembly**

**Part No. F28-6281 (1 req'd.)**

This assembly is manufactured in order that it may be attached to the altitude switch while the other end is attachable to the hose assembly by means of the disconnect plug.

**Pitot Test Hose Assembly**

**Part No. F50-352 (1 req'd.)**

This hose assembly is used when it is desirable to connect the F50-7270 hose assembly directly to the pitot static test set.



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**Control Console**

**Part No. 421-F50M (1 req'd.)**

This unit contains the necessary inlets, outlets and control valves required to test the air data system of this aircraft. It is mounted in the transit case and is easily removable. The pitot section consists of a pitot inlet fitting, which receives its input from the pitot static system test set; and two needle valves which control the two pitot outlets. These outlets are connected to the pitot connections of the pitot and dual static test adaptors, using the pitot hose assembly. The static system consists of a static inlet fitting which receives its input from the static outlet of the pitot static test set. The static inlet then supplies static pressure (vacuum) to the static outlets of the static section of the console.

The static test hose extension leads connect to these outlets then to the respective static connections of the pitot and dual static test adaptors.

All valves, inlets and outlets are identified by photo-etched placards and the fittings supplied with blanking caps retained by lanyards. The system diagram is illustrated on the console drawing and parts list.

**Lubricating Fluid**

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

This fluid is used to lubricate the glands of the pitot and dual static 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. SK235 ( 2 req'd.)**

Two sets of spare seals are stowed in case cover.

**Manual - Part No. 444-F50-612M**

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.