



**AIR DATA ACCESSORIES KIT
MODEL No. S76-612
S-76 HELICOPTER**

- Proprietary Information -

The kit contains all the equipment required to test from source the complete pitot and static air data system on the S-76 helicopter, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the helicopter.

Pitot & Dual Static Test Adaptor

Part No. PSS50902-3-4-4 (2 req'd.)

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

Pre-Test Probe

Part No. 421-3437 (1 req'd.)

When it becomes necessary to test the integrity of the pitot & dual static adaptors and/or hoses, this unit is used in place of the pitot & dual static probe.

Static Test Adaptor

Part No. 50891M-4 (1 req'd.)

This unit is used to test the static systems controlled by the static vents located on each side of the rear fuselage and being cross connected internally. There are two pairs of these static vents.

P.S. Be sure to connect the hose to the adaptor before attachment to static vent.

Static Blanking Adaptor

Part No. 50891BM1 (1 req'd.)

This adaptor is used to blank off the matching static vent on the port side.

Pitot Test Hose Assembly

Part No. S76-7270 (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 to the pitot outlet of the pneumatic generator is included on this assembly.

Static Test Hose Assembly

Part No. S76-5160 (1 req'd.)

This assembly attaches to the No.1 and No.2 static positions on the adaptor. The double acting quick disconnects operate in the same manner as that on the pitot test hose assembly. The extension hose then connects to the static outlet 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 adaptors. It is recommended that a small amount be placed on the glands before installing adaptors on pitot head. This will ensure smooth installation onto the pitot probe.

Manual

Part No. 444-S76

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.