



**AIR DATA ACCESSORIES KIT
MODEL No. ADA47D-612
NSN: 4920-20-003-9098
CH-47D HELICOPTER**

- Proprietary Information -

This kit contains all the equipment required to test from source the complete pitot & static air data system on the CH-47D helicopter, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

Pitot Test Adaptor

Part No. 18821-3 (2 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.

Pre-Test Probe

Part No. PT11882 (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 helicopter.

Static Test Adaptor

Part No. 21298M-370-4 (2 req'd.)

These units fit the static vents located on each side of the helicopter. The protective caps also act as pre-test adaptors.

Static Blanking Adaptor

Part No. 21298MB-370 (2 req'd.)

These units are used to blank off the static vent on the opposite side of the

helicopter, thus completely closing off the system.

Pitot Test Hose Assembly

Part No. 47D-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 Hose Assembly

Part No. 47D-5160 (1 req'd.)

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

Hose Suspension Assembly

Part No. 532-4900 (2 req'd.)

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

Seal Kit - Part No. SK821 (2 req'd.)

Two sets of spare seals for pitot test adaptors are supplied with each kit.



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Seals – Part No. 370-298-7M (2 req'd.)

NSN: 5330-20-001-2814

Two spare seals for static test adaptors – P/N 21298M-370-4 are supplied with each kit.

Lubricating Fluid

Part No. LF5050 (1 req'd.)

This fluid is used to lubricate the glands of the pitot adaptor. It is recommended that a small amount be placed on the glands before installing the adaptor on the pitot probe.

Manual -

Part No. 444-47D-612 (1 req'd.)

One manual is supplied with each kit.

Case Assembly

The equipment is enclosed in this case assembly.