



**PRESSURE ADAPTOR KIT
MODEL No. EFA-834
EUROFIGHTER-TYPHOON
AIR DATA TRANSDUCER**
- Proprietary Information -

This kit contains all the test adaptors and hoses to connect the pitot, static and angle of attack sensing locations of Air Data Transducer vane P/N

13-011-01/02/05/10 to the air data transducer test set for bench testing purposes. All test adaptors can be installed simultaneously on the air data vane.

Pitot Test Adaptor

Part No. PD2183M1-4 (1 req'd.)

NSN: 4920-20-004-7055

This unit fits the pitot probe located on the air data transducer vane. Verification of the pitot test adaptor seal is accomplished by installing the test adaptor first on the Pre-Test Probe P/N PT2000.

While connected to the air data transducer test set via the supplied pitot hose and by applying pitot pressure, the test adaptor seal, hose and air data transducer test set can be checked for leakage.

Static Test Adaptor

Part No. SD1072M1-4 (1 req'd.)

NSN: 4920-20-004-7054

This unit fits over the static sensing holes of the air data transducer vane. Verification of the static test adaptor seal is accomplished by installing the test adaptor on the Pre-Test Probe P/N PT2000. While connected to the air data transducer test set via the supplied static hose and by applying static pressure, the

test adaptor seal, hose and air data transducer test set can be checked for leakage.

Angle of Attack Test Adaptor

Part No. AOA96502-4 (1 req'd.)

This unit fits over the upper and lower angle of attack sensing holes of the air data transducer vane. Verification of the angle of attack test adaptor seal is accomplished by installing the test adaptor on the Pre-Test Probe P/N PT2000. While connected to the air data transducer test set via the supplied hoses and by applying air data pressure, the test adaptor seal, hose and air data transducer test set can be checked for leakage.

Pre-Test Probe

Part No. PT2000 (1 req'd.)

NSN: 4920-20-004-7056

The pre-test probe is employed to verify the integrity of the three test adaptors, hoses and air data transducer test set. The test adaptors are installed on the pre-test probe in the same manner as installing them on to the air data transducer vane. While the installed test adaptors are connected to the air data transducer test set via their respective hoses, and by applying pneumatic pressure, the entire assembly can be checked for leakage.



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Pitot System Hose Assembly

Part No. EFA-8381-4 (3 req'd.)

NSN: 4720-20-004-7038

One each of the hose assemblies fit the pitot and static test adaptors. The third hose fits one of the two fittings of the angle of attack test adaptor. They are the link between the air data transducer test set and the three test adaptors. Self-sealing, double acting quick disconnects are incorporated at the end of each hose.

Pitot System Hose Assembly Part No.

EFA-8381-6 (1 req'd.)

NSN: 4720-20-004-7044

This hose fits the AN-6 fitting of the angle of attack test adaptor. Together with hose P/N EFA-8381-4 they form the link between the air data transducer test set and the angle of attack test adaptor. Self-sealing, double acting quick disconnects are incorporated at the end of the hose.

Seal Kit - Part No. SK72M1 (1 req'd.)

NSN: 5330-20-004-7057

Two spare seals for the static test adaptor are provided. The old seal can be exchanged by pulling it from the body of the test adaptor. After cleaning the surface of its seat, the new seal is installed by using 3M Brand CA-8 or similar bonding compound.

Seal Kit - Part No. SK83M1 (1 req'd.)

NSN: 5330-20-004-7058

Two spare seals for the pitot test adaptor are provided. The old seal can be exchanged by pulling it from the body of the test adaptor. After cleaning the surface of its seat, the new seal is installed by using 3M Brand CA-8 or similar bonding compound.

Angle of Attack Test Adaptor – Seal Replacement.

For replacement of the angle of attack seal, the entire angle of attack test adaptor must be sent to:

Manual - Part No. 444-EFA-834 (1 req'd.)

This manual contains outline drawings and parts lists for test adaptors and hose assemblies contained in this pressure adaptor kit.

Case Assembly

The above listed equipment is contained in a case assembly lined with dunnage to receive the adaptors and hoses in an orderly fashion.