

**AIR DATA ACCESSORIES KIT**  
**MODEL No. ADA15-723**  
**NSN: 4920-01-432-4817**  
**F-15 AIRCRAFT**



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The kit contains all the equipment required to test from source the complete pitot and static air data and engine duct systems on the F.15 aircraft, as well as the means of pre-testing all adaptors, hoses and tester prior to being fitted to the aircraft.

**Pitot & Dual Static Test Adaptor**

**Part No. PSS60615M1-4-6-6 (2 req'd.)**

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

**Pre-Test Probe**

**Part No. PT16061 (2 req'd.)**

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

**Pitot Duct Adaptor**

**Part No. P18815D-4 (2 req'd.)**

These units fit the pitot probes located in the air intake of the engines. When unit is installed onto the pitot tube, the compression nut is used to form an airtight seal onto the nose detail of the probe. The blanking pad should be adjusted until it covers and seals the pitot drain hole located on the underside of the pitot probe.

**Pre-Test Probe (Duct)**

**Part No. PT11881 (2 req'd.)**

When it becomes necessary to test the integrity of the duct pressure test adaptors, hoses and tester this unit is used to simulate the pitot duct probe.

**Static Duct Adaptor**

**Part No. 53510-310-6 ( 1 req'd.)**

This unit is inserted into the static port located in the engine air intake. The knurled screw is used to compress the seals once the unit has been installed.

**N.B. Attach the hose to the adaptor before installing on aircraft.**

**Pitot Test Hose Assembly**

**Part No. F15-7270MD (1 req'd.)**

This hose is connected to the pitot inlet of both adaptors and is fitted with double acting quick disconnects for use when it is desirable to test only one pitot system. A fitting to connect this assembly to the pitot outlet hose of the pneumatic generator is provided.

**Pitot Duct Hose Assembly**

**Part No. F15-8381 (1 req'd.)**

This hose is connected to the pitot inlet of the duct pressure adaptors and is fitted with double acting quick disconnects for use when it is desirable to test only one duct pressure system.

**Static Test Hose Assembly**

**Part No. F15-5160MD (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.



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**Installation of units to aircraft:**

Select side of aircraft from which testing of systems is to be performed. Connect pitot test hose to each adaptor and static test hose to their respective positions on the selected adaptor and slide onto pitot tube and secure according to installations instruction label affixed to adaptor.

Because No. 1 static position on each probe is independently plumbed to the aircraft systems, a hose connection is provided on the static hose assembly harness to connect to this position on the opposite side of the aircraft.

N.B. Be sure that blanking cap of No. 2 static position on this adaptor is tight before commencing test.

**Seal Kit - Part No. SK615M1 (2 req'd.)**

This seal kit contains one set of the spare seals required to service one PSS60615M1-4-6-6 Pitot & Dual Static Test Adaptor. The ADA15-723 Kit is initially outfitted with 2 of these seal kits. These are stowed in the case.

**Seal Kit - Part No. SK815D (2 req'd)**

This seal kit contains one set of the spare seals required to service one P18815D-4 Pitot Duct Adaptor. The ADA15-723 Kit is initially outfitted with 2 of these seal kits. These are stowed in the case.

**Seal Kit - Part No. SK310D (1 req'd)**

One seal kit for static duct adaptor - P/N 53510-310-6 is stowed in the case.

**Lubricating Fluid**

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

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

**Manual - Part No. 444-F15-723**

One manual is supplied with each kit.

The equipment is enclosed in a case assembly **Model No. 110XD-F15-723.**