

**AIR DATA ACCESSORIES KIT**  
**MODEL No. ADATP612**  
**ATP AIRCRAFT**



## AIR DATA ACCESSORIES KIT MODEL No. ADATP612 ATP AIRCRAFT

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

### **Pitot Test Adaptor**

#### **Part No. P88257-4H (2 req'd.)**

These units fit the pitot probes 853BV located on each side of the aircraft and when installed they will isolate and test each system separately or simultaneously.

### **INSTALLATION ON PROBE**

Attach hose to unit.

Back off compression nut. Fit unit onto pitot tube until contact is made with soft Teflon snubber. Tighten compression nut. Swivel the adjustable bracket and install onto head locating the center of the blanking pads over the drain holes on pitot tube. This is accomplished by extending and releasing the spring loaded pads. These pads fit the contour of the pitot probe.

### **Pre-Test Probe**

#### **Part No. PT18825 (2 req'd.)**

When it becomes necessary to test the integrity of the pitot test adaptors and/or hoses and test set these units are installed into the pitot adaptors thus simulating the pitot head, be sure that internal and external integrity of the adaptors is accomplished.

### **Static Test Adaptor**

#### **Part No. 21298L-180-4H (2 req'd.)**

This unit fits the static ports located on the side of the fuselage.

N.B. Attach hose to unit before installing on the aircraft.

### **Static Blanking Adaptor**

#### **Part No. 21298BL-180 (2 req'd.)**

This unit is used in conjunction with the above mentioned test adaptor and is used to blank off the matching static vent on the opposite side of the aircraft.

### **Pitot Test Hose Assembly**

#### **Part No. ATP-7270 (1 req'd.)**

This hose is connected to the pitot inlet of the adaptors and is fitted with a double acting quick disconnect for use when it is desirable to test only one pitot system. The hoses are finished such that they will fit the adaptor. The connection to the pitot outlet of the pneumatic generator is included on this assembly.

### **Static Test Hose Assembly**

#### **Part No. ATP-5160 (1 req'd.)**

This assembly is fitted with two double acting quick disconnects which operate in the same manner as that on the pitot hose assembly. The hoses are finished such that they fit the adaptor. The connection to the pitot outlet of the pneumatic generator is included on this assembly.

### **Seal Kit – Part No. SK951**

Two seal kits for pitot test adaptor – Part No. P88257-4H are stowed in the case.

### **Seal – Part No. 298-7**

Ten seals for static test adaptor – Part No. 21298L-180-4 and static blanking adaptor – Part No. 21298BL-180 are stowed in the case.

### **Manual – Part No. 421-ATP**

One manual supplied with each kit.

The equipment is enclosed in a case assembly **ATP4214**.

June 27, 2006