



**AIR DATA ACCESSORIES KIT  
MODEL No. ADA350945  
AIRBUS A350 AIRCRAFT  
For Standard & RVSM Testing**

**- Proprietary Information -**

The kit contains all the equipment required to test from source the complete pitot & static air data system on the Airbus A350 aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

**Pitot Test Adaptor - LH MFP**

**Part No. P99350L-4CK1 (1 req'd.)**

This unit fits the LH MFP probe located on the nose of the aircraft.

Pitot Test Adaptor - RH MFP

Part No. P99350R-4CK1 (2 req'd.)

These units fit the RH MFP probes located on the nose of the aircraft.

**Pre-Test Probe - MFP**

**Part No. PT19935 (3 req'd.)**

When it becomes necessary to test the integrity of the Pitot Test Adaptor-LH MFP and Pitot Test Adaptor-RH MFP and/or hoses and Air Data Test Set (ADTS), these units are installed into Test Adaptors thus simulating the MFP probes.

**Pitot Test Adaptor - Standby**

**Part No. P75400M-4CK1 (1 req'd.)**

This unit fits the standby pitot probe located on the left side of the aircraft.

**Pre-Test Probe – Standby Pitot**

**Part No. PT421-5400 (1 req'd.)**

When it becomes necessary to test the integrity of the Pitot Test Adaptor-Standby and/or hoses and Air Data Test Set (ADTS), this unit is installed into the Test Adaptor thus simulating the standby pitot probe.

**Static Test Adaptor - ISP**

**Part No. S35024-4C (6 req'd.)**

These adaptors fit the ISP ports located on the both side fuselage of this aircraft. The Static Test Adaptors are fastened to the aircraft by two threaded studs.

**Static Test Adaptor - Standby**

**Part No. S35025-4C (2 req'd.)**

These Static Test Adaptors fit the standby static ports (SBSP) located on the LH and RH Upper Nose Section of this aircraft. They are fastened to the aircraft by two threaded studs.

The Standby Static Test Adaptors also can be used as blanking units for the opposite side standby static port. This due to the self- sealing Quick Connect hose fitting installed on the test adaptor, without the Test Hose being connected to the Test Adaptors Hose Fitting.



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**Pre-Test Plate –Static Test Adaptor ISP  
& Standby**

**Part No. PTS40024 (8 req'd.)**

When it becomes necessary to test the integrity of the Static Test Adaptor – ISP and Standby Test Adaptor, associated Test Hoses and Air Data Test Set (ADTS), (with the ISP Test Adaptor or Standby Adaptor installed on the aircraft), - this Pre-Test Plate is inserted between the test adaptor seal and the Static Port on the aircraft, thus sealing-off the Static Test Adaptor.

By applying static pressure from the ADTS, the integrity of the associated test hoses, test adaptor and ADTS is verified, - provided no leak exists.

The Pre-Test Plates are stowed in the Tool Kit – Seal Exchange Pouch (P/N. 421-ASTK).

**Pitot Test Hose Assembly**

**Part No. 350-7270RVSM (1 req'd.)**

This hose assembly is connected to the LH and RH MFP Test Adaptors and Standby Pitot Test Adaptor. Double acting quick disconnects are incorporated into the hose assembly to manage several types of test configurations.

Static Test Hose Assembly  
Part No. 350-5160RVSM (1 req'd.)

This hose assembly is connected to the inlet of the LH and RH ISP Test Adaptors (6). Double acting quick disconnects are incorporated. The opposite end is

connected to the static outlet of the ADTS. The Standby Static Test Hose Assemblies are also incorporated into this hose assembly by double acting quick disconnects on one end, and to the LH and RH Standby Static Test Adaptors on the other end.

**Reducer Hose Assembly (Static)**

**Part No. AIRBUS-6-6-4 (1 req'd.)**

This assembly is connected between the Static Outlet on the Air Data Test Set (ADTS) and the Static Test Hose Part No. 350- 5160RVSM when the ADTS requires a 3/ 8” (AN-6) static outlet connection.

**Hose Suspension Assembly**

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

These Hose Suspension Assemblies are used to suspend the Pitot Test Hose Assemblies from the aircraft fuselage to relief the weight onto the Test Adaptors and Probes.

The Hose Suspension Assembly is fastened by pressing it against the fuselage skin and engaging the small lever on the suction cup. Once firmly in place, a static or pitot hose (single hose) can be laid into the clamp of the Hose Suspension Assembly.



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**Seal Kit – MFP**

**Part No. SK9350 (3 req'd.)**

Three sets of spare seals for Test Adaptors- MFP are stowed in the case.

**Seal Kit – Pitot Standby**

**Part No. SK400 (1 req'd.)**

One set of spare seals for Pitot Test Adaptor-Standby is stowed in the case. Seal Exchange for Pitot Test Adaptor-Standby:

**Seal - ISP / Static Standby**

**Part No. S35024-7 (8 req'd.)**

Eight spare seals for Static Test Adaptor-ISP and Static Test Adaptor- Standby are stowed in the case.

**Lubricating Fluid**

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

This fluid is used to lubricate the Seals inside the Test Adaptors. This is accomplished by use of a cotton swab, applying of a very thin film of Lubricating Fluid to the surface of the Pre- Test Probe, inserting the probe into the test adaptor with a rotating motion and then retracting it. This action will ensure smooth test adaptor installation on to the pitot probe and will keep the Test Adaptor Seals moist.

**Tool Kit – Seal Exchange**

**Part No. 421-ASTK (1 req'd.)**

This tool kit contains the necessary tools to assist in test adaptor seal replacement. Instructions on how to change seals are also included in the tool kit.

**Manual**

**Part No. 444-ADA350945 (1 req'd.)**

One manual is supplied with each kit. It contains a List of Equipment, Drawings of Test Adaptors and Test Hose Assemblies with Parts Lists. The Manual is stowed in a designated pouch inside the Storage Case.

**User Guide**

**Part No. USERGUIDE-ADA350945 (1 req'd.)**

One Manual is supplied with each kit. It contains instructional guidance on the use and maintenance of the Tools contained in the ADA350945 Air Data Accessories Kit.

**Case Assembly**

**Part No. STR-ADA350945**

The above equipment is enclosed in a heavy duty case assembly. The case has wheels and handles incorporated for easy transport.