



AIR DATA ACCESSORIES KIT
MODEL No. HONDA-945
HONDJET AIRCRAFT
- Proprietary Information -

The kit contains all the equipment required to connect and test from source the complete pitot & static air data system (including RVSM), as well the means of pre-testing all test adaptors and hoses prior to being fitted to the aircraft. For exact air data test procedures, refer to the HONDAJET production line and flight line air data test procedures.

This kit consists of the following components:

Test Adaptor – CSP (RH)

Part No. APA97632M1RH-4-4-4
(1 req'd.)

This test adaptor fits the right hand (Co-pilot) CSP (Compact Smart Probe) located on the right nose section of the aircraft. Each test hose connection is equipped with a self-sealing quick disconnection fitting. The pitot connection is equipped with a key way.

Test Adaptor – CSP (LH)

Part No. APA97632M1LH-4-4-4 (1req'd.)

This test adaptor fits the left hand (Pilot) CSP located on the left nose section of the aircraft. Each test hose connection is equipped with a self-sealing quick disconnection fitting. The pitot connection is equipped with a key way.

Pre-Test Probe for CSP Test Adaptor
Part No. PT421-632 (2 req'd.)

When it becomes necessary to test the integrity of the CSP test adaptors, test hoses and air data test set (ADTS), the pre-test probes are installed into the test adaptors, thus simulating the CSP probe. With pitot and static pressure applied, a leak-check can be performed.

Pitot-Static Test Adaptor – Standby
Part No. PS57432-4C-K2 (1 req'd.)

This unit fits the standby pitot probe located on the right nose section of the aircraft.

Each test hose connection is equipped with a self-sealing quick disconnection fitting. The pitot connection is equipped with a key way.

Pre-Test Probe for Pitot-Static Test
Adaptor-Standby

Part No. PT421-7432 (1 req'd.)

When it becomes necessary to test the integrity of the pitot-static test adaptor, test hoses and air data test set, the pre-test probe is installed into the test adaptor, thus simulating the standby pitot-static probe. With pitot and static pressure applied, a leak-check can be performed.



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Pitot Test Hose Assembly
Part No. HONDA-7270RVSM
(1 req'd.)

This hose assembly is connected to the pitot inlets of the CSP test adaptors and Standby pitot-static test adaptor. The remaining end is connected to the pitot outlet (Pt) of the air data test set (ADTS). Self-sealing quick disconnect fittings are incorporated into the test hose assembly to allow management of systems to be tested (Single - or multiple systems).

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

This hose assembly is connected to the designated static (Ps) and alpha (PaB) inlets of the CSP- and Static (Ps) on the Standby - test adaptor.

The remaining end is connected to the static (Ps) outlet of the air data test set. Self-sealing quick disconnect fittings are incorporated into the test hose assembly to allow management of systems to be tested (Single - or multiple systems).

Alpha Test Hose Assembly - Pilot
Part No. HONDA-8381 (1 req'd.)

This hose assembly is connected to the Alpha (PaT) inlet of the LH (Pilot) CSP test adaptor. The remaining end is connected to the static outlet (Pa Pilot) of the air data test set.

This test hose assembly also has a self sealing quick disconnect fitting installed to accommodate the Alternate Connection for Common AOA.

Alpha Test Hose Assembly - Co-pilot
Part No. HONDA-6271 (1 req'd.)

This hose assembly is connected to the Alpha (PaT) inlet of the RH (Co-pilot) CSP test adaptor.

The remaining end is connected to the static outlet (Pa Co-pilot) of the air data test set.

This test hose assembly also has a self sealing quick disconnect fitting installed to accommodate the Alternate Connection for Common AOA.

Hose Suspension Assembly
Part No. 532-8971DB-2 (1req'd)

This unit is used to suspend hoses relieving the weight on the test adaptors.

Seal Kit –Test Adaptor
Part No. SK7632 (2 req'd.)

Two sets of spare seals for adaptors are stowed in the case.

Seal Kit - Pitot-Static Test Adaptor - Standby

Part No. SK7432 (1 req'd.)

One set of spare seals for pitot-static test adaptor-standby are stowed in the case.



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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 finger tip or cotton swab, applying 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 onto 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 the seal replacement of test adaptors. Instructions on how to change seals are included in the kit.

Test Hose Strap Kit

Part No. THSK-001 (1 req'd.)

Manual - Part No. 444-HONDA-945

One manual is supplied with each HONDA-945 Air Data Accessories kit. This manual contains drawings and parts lists of test adaptors and hose assemblies.

The above equipment is enclosed in a case Assembly.