

AIR DATA ACCESSORIES KIT
MODEL No. ADAC2A-612-1
NSN: 4920-01-480-3427
C2A GREYHOUND AIRCRAFT



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The kit contains all the equipment required to test from source the complete pitot & static air data system on the C2A aircraft, as well as the means of pre-testing all adaptors, hoses and test set prior to being fitted to the aircraft.

Pitot Static Test Adaptor

Part No. PSS87123M-4-6-6 (2 req'd.)

These units fit the pitot probes 856RN 1&2 located on the nose and when installed they will isolate and test each system separately or simultaneously.

Pre-Test Probe

Part No. PT18712 (2 req'd.)

When it becomes necessary to test the integrity of the pitot and dual static test adaptors, hoses and test set, these units are used in place of the pitot probes.

Pitot Test Adaptor

Part No. P29932M1-4 (2 req'd.)

These units fit the pitot probes PH557 located on the nose and when installed they will isolate and test each system separately or simultaneously.

Pre-Test Probe

Part No. PT11882 (2 req'd.)

When it becomes necessary to test the integrity of the pitot adaptors hoses and test set, these units are used in place of the pitot probe.

Static Test Adaptor

Part No. S60191-6 (4 req'd.)

These units are used to test the static systems controlled by the static vents located on each side of the rear fuselage being cross-connected internally. There are two pairs of these static vents.

Two adaptors are used to blank off the matching static vents on the opposite side of the aircraft by tightening the caps.

P.S. Be sure to connect the hose to the adaptors before attachment to static vent.

Static Pre-Test Unit

Part No. PT15908 (2 req'd.)

These units are stowed in the case dunnage and also act as storage pads. Before testing the integrity of the static adaptors ensure that the mounting bolts are tight. The static test adaptors may be tested separately or in pairs by connecting with the static hose assembly E2C-5160.

Pitot Test Hose Assembly

Part No. E2C-7270 (1 req'd.)

This hose is connected to each pitot inlet of the adaptors and is fitted with ball valves for use when it is desirable to test only one pitot system. The connection to the pitot outlet of the pneumatic generator is included on this assembly.



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Static Test Hose Assembly

Part No. E2C-5160 (1 req'd.)

This assembly attaches to the static positions on the adaptors. The ball valves operate in the same manner as on the pitot test hose assembly. The extension hose then connects to the static outlet of the pneumatic generator.

Seal Kit – Part No. SK123M

Two sets of spare seals for the pitot & dual static test adaptors are stowed in the case.

Seal Kit - Part No. SK932M1

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

Seal - Part No. 191-7

Four spare seals for the static adaptors are 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-C2A-612-1

One manual is supplied with each kit.

The equipment is enclosed in a Case Assembly, **Model No. 129XDY-C2A-612-1.**