



AIR DATA ACCESSORIES KIT
MODEL No. ADAP3-612
NSN: 4920-01-284-5164
P3 ORION AIRCRAFT

- Proprietary Information -

The kit contains the equipment required to test from source the complete pitot & static air data system on the P3 Orion aircraft, as well as the means of pre-testing all adaptors and hoses prior to being fitted to the aircraft.

Pitot Test Adaptor

Part No. P85144-4C (2 req'd.)

This unit fits Rosemount pitot probe 851EU, Kollsman B26440 00 002 & A26440 00 002 and when installed will isolate and test each system separately or simultaneously. These units are stowed in the case.

Pre-Test Probe

Part No. PT18514 (2 req'd.)

These units are used in order that the integrity of the adaptors, hoses and test set may be proven prior to the aircraft being tested, so the minimum of time required may be used to locate faults, leaks, etc. It is also intended for use as an assembly jig during repair and overhaul of adaptors. These units are stowed in the case.

Pitot Test Hose Assembly

Part No. P3-8381M (1 req'd.)

This hose is connected to the pitot inlet of each adaptor and is fitted with double acting quick disconnects for use when it is desirable to test only one pitot system. Two connections to the pitot outlet of the pneumatic generator are included on this assembly, terminated with a Bruning

quick disconnect P/N 6811-129 and a Hanson coupling P/N B1H11. This assembly is stowed in the case.

Static Test Hose Assembly

Part No. P3-5160 (1 req'd.)

This assembly attaches to the static position on the aircraft in three positions. The double acting quick disconnects operate in the same manner as that on the pitot test hose assembly. The connection to the static outlet of the pneumatic generator is included on this assembly and terminated with a Bruning quick disconnect P/N 6903-041 body. This assembly is stowed in the case.

Static Test Adaptor

Part No. 21298-370-6C (3 req'd.)

These units are attached to the static test hose assembly P/N P3-5160.

Static Port Blanking Assembly

Part No. P3-7382 (1 req'd.)

These units attach to the static position on the opposite side of the aircraft in order to enclose the complete system. This assembly is stowed in the case. For replacement of a Static Blanking Adaptor on the P3-7382 static port blanking assembly use Part No. 21298TB-370.

Seal Kit - Part No. SK144 (2 req'd.)

Two sets of spare seals for pitot test adaptors P/N P85144-4C are stowed in the case.



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Seal - Part No. 370-298-7M (6 req'd.)

Six spare seals for static test adaptors P/N 21298-370-6C and static blanking adaptors P/N 21298TB-370 are stowed in the case.

Manual - Part No. P3-5279

One manual is supplied with each kit.

The equipment is enclosed in a case assembly.