

SmartProbe AOA Pitot-Static Adapter Kits

The SmartProbe Angle Of Attack Pitot-Static Probe

is a major step forward in avionics data transmission but at the same time it creates the challenge of making a solid Pitot adapter connection. AIRR Engineering once again started with a clean sheet of paper to create a multi-faceted approach to sealing the various zones of the intricate AOA probe.

Patent Pending

SmartProbe AOA Pitot-Static Adapter Features:

- Fast, consistent, reliable installation
- Forced positive AOA seal engagement
- 100% O-ring connections
- Tough, lightweight, compact color-coded polyurethane ribbon hoses
- Complementary test plugs and spare seal kits
- Includes two Pitot Saver pitot heat safety alarms.



Custom fitted rolling case included.



Smart Probe AOA Pitot/Static Adapter With Safety Alarm

Air Data Isolation & Distribution Manifold



Conventional plumbing for Pitot adapter test kits is awkward, complex and creates unnecessary aggravation and chances for leaks. Among other weaknesses, the threaded connection count is simply staggering. The good news is that the current arrangement offers a great opportunity to streamline the hardware to a much more manageable and reliable configuration without sacrificing any functionality.

Patent Pending



Manifold Features:

- Almost complete elimination of leaky threaded connectors replaced by a limited number of reliable O-ring interfaces
- Individual isolation valves for PT, PS1 and PS2 to close each port of each adapter independently without breaking any connections
- One multi-port FAST connector at both ends of the ribbon hose set for each Pitot adapter
- Set-up in under 30 minutes
 - Compact, light-weight, robust design without the need for hose supports on the fuselage
 - Nearly fourfold reduction of dangling cables and dust covers
 - Reduced kit cost and operating expenses
 - Two Year material and workmanship warranty
- **FAST, CONSISTENT, LEAK-FREE EXECUTION. DID WE MENTION THAT IT IS VERY, VERY FAST?**



Kit Ordering Information:

PN: A220-IMQD-PS Kit

Airbus
A220

Bombardier
Global Express, 7000, 7500, 8000

PN: G500-IMQD-PS Kit

Dassault
Falcon 7X, 8X

Gulfstream
G400, G500, G600, G650, G700, G800

PN: EMB-IMQD-PS Kit

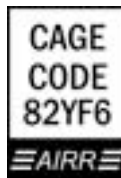
Embraer
ERJ 170, 175, 190, 195
Legacy 450, 500
Lineage 1000
Phenom 300, 450, 500
Praetor 500, 600

PN: HA420-IMQD-PS Kit

HondaJet
HA-420



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We Save Time.**