

# PITOT TUBES

## UNHEATED PITOT TUBES

**STRAIGHT TYPE** - Flange-mounted through leading edge of spar. Aluminum tube 24" long, 1/4" dia. May be cut to shorten.

P/N 15133 .....

**L-SHAPED TYPE** - Flange mounted L-shaped model for under-the-wing mounting. 1/4" dia. aluminum tube.

P/N 15135 .....

**L-SHAPED PITOT-STATIC TUBE** - Same design with static tube added. For pitot tube cover order #15220 or 10-02100 (flip up).

P/N 15144 .....

**STRAIGHT TYPE PITOT-STATIC TUBE** - Clamp-mounted for leading edge of wing. 14-1/2" long. May be shortened, formed or shaped to best angle of attack. 1/4" dia. aluminum tubes. All installation hardware furnished.

P/N 10-01800 .....

**STRUT TYPE PITOT-STATIC TUBE** - Simple L-shaped design for clamping to strut. 1/4" dia. aluminum tubes.

P/N 10-01900 .....

**MAST-MOUNT PITOT TUBE** - Designed for mounting in 3/4" O.D. x .049" wall aluminum tubing (not furnished). Machined from solid aluminum. Polyethylene fitting for 1/4" I.D. hose included. P/N 15170 .....

## RAVEN PITOT STATIC TUBE

Pitot system combines pitot and static functions in one tube. Used for years on many different aircraft. Comes complete with mounting block to install it.

P/N 10-00476 .....

## PITOT STATIC SUMP BOTTLE

This pitot-static sump bottle collects moisture in the aircraft's static system which prevents water damage to panel mounted instruments. Used in many Cessna aircraft. Measures 1.625" dia. x 4.75" long.

Cessna.....P/N 10-00630 .....

## STATIC PORTS

Aluminum static port for mounting through 1/4" dia. hole in side of fuselage. Base has 1/8" NPT female port for connecting to static line (polyethylene fitting included). Install with 3/32" dia. flush rivets.

P/N 15160 .....

Aluminum static port mounts from outside of fuselage through 9/16" dia. hole. Secure to skin with 9/16" Pal nut & lock washer on inside. Includes (1) 0700-153 polyethylene fitting.

P/N 15165.....

Aluminum static port mounts from outside of fuselage through .560 dia hole. Secure with four countersunk 1000 3/32" rivets. Includes one 0700-153 polyethylene fitting.

P/N 15175.....

Aluminum single engine cessna type static port. External mounted through a 19/64" hole. Can be used on fabric, composite or aluminum. No need for rivets. 1-3/8" dia.x1" depth. Ideal for homebuilts of all types.

P/N 10-00250.....

## BOND-IN STATIC PORT SET

This aluminum static port is designed for high performance composite aircraft. Simply bond through the fuselage from the outside. Base has a 1/8" NPT for connecting to the static line. Furnished with installation instructions. Sold in set of 2.

P/N 10-00229 .....

## PITOT PAL

The Pitot Pal is a precision machined adapter that is installed in the nose of the aircraft by simply drilling a 1/2" diameter hole, inserting the adapter, and locking in place by a nut on the backside. The adapter has a barbed fitting to which the airspeed indicator tubing is attached. The aluminum Pitot Tube slides into the adapter and locks in place with a press fit. The added benefit to this is that the Pitot tube can be easily removed at a fly-in or similar event to prevent it from getting bent. Deluxe kit includes tubing & a fitting to connect Pitot Pal to the airspeed indicator. Pitot Pal..... P/N 10-00062 .....

Deluxe Kit..... P/N 10-00063 .....

## FALCON HEATED PITOT TUBES

The AN5812 heated pitot tube has been used on a wide variety of aircraft over the years and is now available for experimental aircraft. Made from brass and weighing 1.5 lbs, these imported pitot tubes meet the AN specifications.

12V, 7amps .....P/N 10-00984 .....

24V, 3.5amps .....P/N 10-00985 .....

## HEATED PITOT TUBES

**AN5812 PITOT TUBE** - This heated pitot tube mounts under the wing. Used on Mooney, Beech, Piper, Maule, American Aviation aircraft, Glasair & Glasair. Threaded outlet fits 1/4" size AN tube fittings. Use 2.023x.857x.049 4130 Streamline Tubing to fabricate mount.

AN5812-12 (12V) (10 amp.) .....

AN5812-1 (24V) (15 amp.) .....

Phenolic connector receptacle P/N 10-00032 .....

**AN5814 PITOT-STATIC TUBE** - Same design as AN5812 pitot tube but with heated static tube added. Used on Glasair & Glasair (Piper No. 305-12).

AN5814-12 (12V) (20 amp.) .....

AN5814-2 (24V) (15 amp.) .....

**AN5813-1 PITOT TUBE** - The AN5813-1 (PH500) is the standard replacement heated pitot tube for twin Cessnas with 24V systems. Draws 3-4 amps and measures 9.75" long. Mounts in 1.18" diameter tube. Available with or without sleeve. With Sleeve.....P/N 10-00064 .....

## SPACEAGE PITOT

SpaceAge Control miniature heated pitot or pitot-static probes offer the lowest power consumption and lowest weight available to the general aviation market. A small tip diameter of .31 inches allows the sensing tip to remain free of ice under severe in-flight icing conditions at only 50 watts of power - which is about 25% of the power of those bulky probes with similar anti-icing capability. Probes are constructed of highquality corrosion resistant materials - a stainless steel outer shell on the nose section, aluminum body, stainless steel pressure lines, and aircraft grade lead wires.

Straight			L-Shaped		
Description	Part No.	Price	Similar Items	Part No.	Price
28 VDC 4254-05	10-02682	.	28VDC 4254-01	10-02678	.
12 VDC 4254-06	10-02683	.	12VDC 4254-02	10-02679	.
STAT28V 4254-07	10-02684	.	STAT28V 4254-03	10-02680	.
STAT12V 4254-08	10-02685	.	STAT12V 4254-04	10-02681	.

## GRETZ GA-1000 HEATED PITOT TUBE

The Gretz Aero GA-1000 is a totally new design of heated pitot tube. It is molded from a very high-tech polymer material that has nearly the same thermal conductivity as that of metal. This new design has electronics embedded in the Pitot tube.

It also comes with a small electronic control module to control the heat of the Pitot as well as to provide information to the pilot regarding thermal and heater performance of the Pitot tube. This done by way of a 3/16" diameter multi-conductor cable that has a LED board already attached that will mount conveniently on the panel. The GA-1000 will fit the Gretz mounting bracket kits that were designed for other popular Pitot tubes. The GA-1000 Pitot tubes come with the electronic control module, the LED board and cable, Pitot mounting screws, electronic control module mounting hardware, and of course, complete instructions for installation and use. P/N 10-01715 .....

## GRETZ GA-500 UNHEATED PITOT TUBE

The Gretz GA-500 is the same shape and color as the heated GA-1000 Pitot tube, but does not include the heater, electronic instructions, etc. It will mount into the same Gretz mounting bracket kits.

P/N 10-01716 .....

## GRETZ AERO PITOT TUBE BRACKETS

These chrome plated bracket kits include all of the parts needed to install AN5814 or AN5812 pitot tubes into any of the Vans RV series aircraft or into most other metal winged aircraft with some slight alteration of the kit. Complete instructions included. Kits for homebuilders pitot tubes (below) are bare metal (paintable) and undrilled.

Kit for AN5812 pitot tubes .....P/N 10-01950 .....

Kit for AN5814 pitot tubes .....P/N 10-01960 .....

Pitot Tube Bracket Undrilled/Paintable .....P/N 10-01188 .....

## HOMEBUILDERS HEATED PITOT TUBES

These heated pitot tubes are similar to AN5812 pitot tubes but are 1/4" deeper and 1/2" longer. Available in 12 volt or 24 volt models. Not FAA approved for certified aircraft. Note: Mounting holes will need to be drilled and taped.

AN5812-12 Type 12V .... P/N 10-01022 .....

AN5812 Type 24V..... P/N 10-01023 .....

PBK-ND - Paintable Non-drilled Bracket..... P/N 10-01188 .....

## FALCON GAUGE PITOT TUBE MOUNTING BRACKET

This Falcon Gauge Mounting Bracket for Pitot Tubes works with heated and non-heated tubes. Material: Aluminum Alloy

Standard Mounting Bracket.....P/N 10-01063 .....

Mounting Bracket for RV's .....P/N 10-02276 .....

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