



AeroConversions

A Product Line of Sonex Aircraft LLC

511 Aviation Road Oshkosh, WI 54902
Tel. (920)-231-8297 Fax. (920)-426-8333
www.aeroconversions.com

CHT Probe Installation

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For accurate CHT readings the AeroConversions' probes must be mounted as shown in these instructions. These locations have been tested by AeroConversions and proven to display temperatures comparable to plug-mounted probes.

The AeroVee probe is mounted with a #6 self-tapping screw.

The Jabiru probe is mounted under a cylinder head bolt.

Probe Wire Type

AeroConversions probes are available in both J- and K- type wire. Consult your instrument manufacturer's specifications for the proper wire type or instrument settings.

Part Number	Wire Type:
ACV-CHT-VW-K	K-Type wire for VW conversions.
ACV-CHT-VW-J	J-Type wire for VW conversions
ACV-CHT-JAB-K	K-Type wire for Jabiru engines
ACV-CHT-JAB-J	J-Type wire for Jabiru engines

Trimming or Extending the Probe Wire

The CHT wires can be trimmed or extended, if needed, without affecting their performance. The wire's length can be extended using aircraft-grade wire.

AeroVee Installation

1. Use a sharp #32 drill bit to drill a 9/16" deep hole near the spark plug of the cylinder(s) you wish to monitor. **Do not allow metal chips to enter your engine.**

Hint: Place a piece of tape 9/16" from the end of a #32 drill bit to control the depth of the hole.



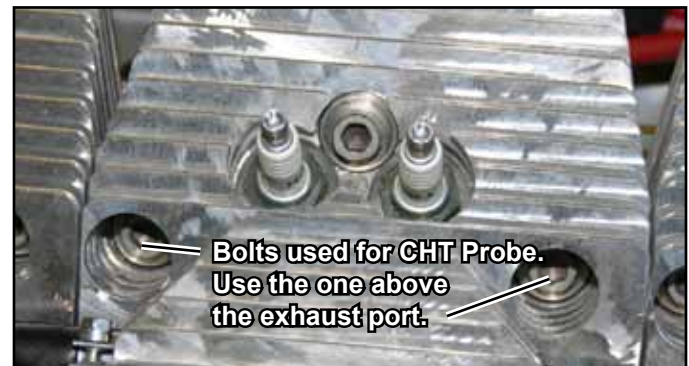
Drill the hole for the probe screw as close to the spark plug as possible. This photo shows the AeroConversions' suggested location for an AeroVee engine.

2. Attach the probe to the cylinder with the #6 x 1/2" long self-tapping screw.



Jabiru Installation

1. Remove the cylinder head bolt and washer above the exhaust port of the cylinder(s) you want to monitor.



A cylinder head bolt above an exhaust port is used for accurate temperature indications. On the left side of the engine (as viewed from the flywheel end) it is the aft bolt, on the right the forward bolt.

2. Slide the probe ring in to place between the cooling fins and re-install the cylinder head bolt and washer.
3. Torque the cylinder head bolt per the Jabiru specification.

