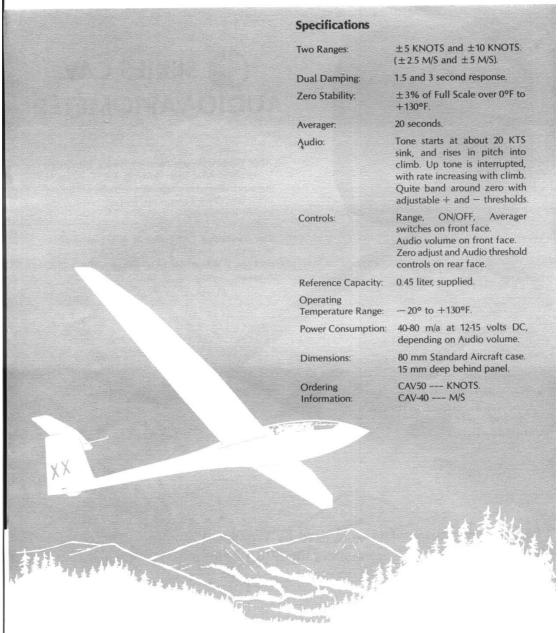
These instructions are for the Cambridge CAV50. The later CAV II is very similar except the rear panel has been tidied up by using telephone electrical connectors





WARRANTY

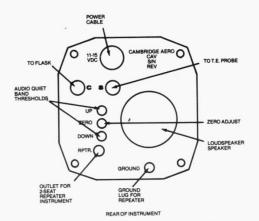
All Cambridge Variometers Systems are guaranteed for use in sailplanes and motor-gliders only, for a period of TWO years from date of purchase. This warranty includes all parts and labor costs only, and is valid only if returned to CAI Inc. The Warranty is void if the instrument has been misused outside its limitations.

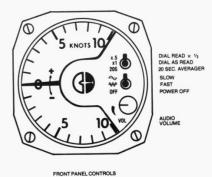
INSTALLATION & OPERATING INSTRUCTIONS

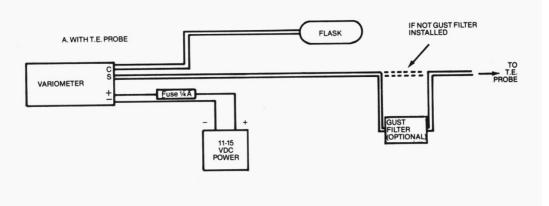
- 1. The variometer installs with 4 screws (size 6-32) and nuts into all standard aircraft 3-1/8" panel openings.
- 2. Power connections are made via the power cable as follows:

CLEAR WIRE ---- BATTERY +
BLACK WIRE ---- BATTERY SHIELD WIRE --- BATTERY -- and to
instrument panel, if it is
made of metal.

- The instrument is not internally fused. A fuse in the + line of 1/4 amp near the instrument is strongly advised. This is important.
- It is essential that the variometer be effectively compensated for total energy. Compensation with the Cambridge TE Probe, Althaus Venturi, or equivalent device is most effective.
- For hooking up the tubing, refer to the relevant system installation drawing at end. It is essential to make all tubing connections leak-proof.
- Use of Cambridge Gust Filter improves smoothness of response with little loss of speed.
- 7. The Audio "quiet band" is adjusted from the rear of the instrument. Set up as follows:
 - (a) Select a positive climb, above which you want to hear the climb tone.
 - (b) Set vario to this climb with the "ZERO" on the back.
 - (c) Adjust the "UP" control on the back until the Audio just switches on or off.
 - (d) Repeat for a negative sink, using the "DOWN" control on the back.







(e) Check that the vario is set back to zero using the "Zero" control