

**CHARGING TIME:** Charging time should be about 50% (AC adapter), resp. 25% (car battery adapter) of the last operating period.

**ATTENTION!** Never discharge a NiCad accumulator completely! Prolonged charging will also reduce life expectation considerably. Every accumulator discharges itself inherently at a slow rate. Therefore your instrument should be charged at least once every two months for 3 to 4 hours.

**START AND LANDING PRECAUTIONS:** Remember to swivel your instrument sideways or to the rear before starting or landing. Damages to the shell resulting from a crash can be avoided for the most part with this simple precaution.

**WATER INTRUSION:** Should ever water enter the instrument, dry it as quickly as possible. Put the instrument on a wooden board and dry it in your oven at about 50°C (120°F) for a few hours. Allow the moisture to escape the oven by leaving the door slightly open.

**Each instrument of the DATA FLIGHT series is a high quality, high precision instrument. With proper care it will serve you with accurate information for many years!**

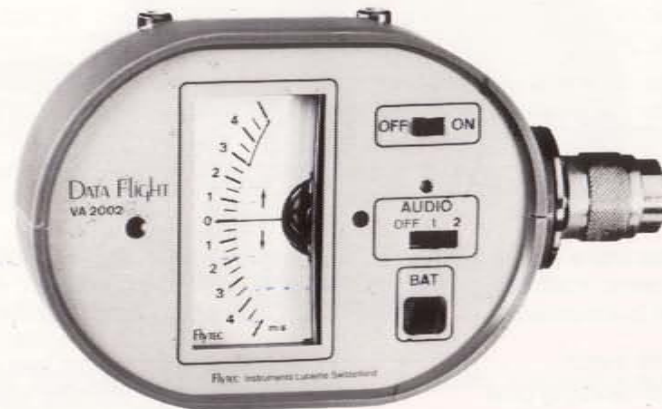
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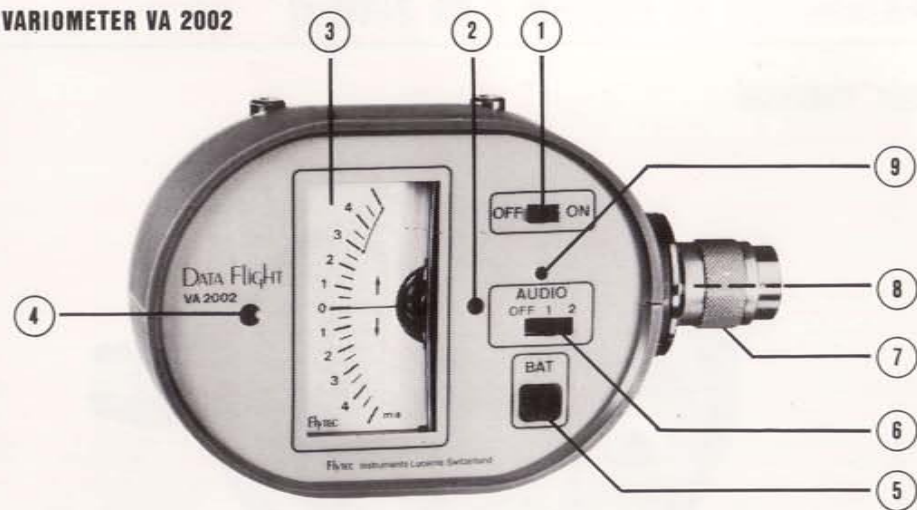
## VARIOMETER VA 2002-m / VA 2002-ft

### User manual



FlyTEC

## VARIOMETER VA 2002



- 1 on / off switch
- 2 pointer centering crew
- 3 variometer display
- 4 piezo audio indicator
- 5 battery check button

- 6 volume level switch
- 7 mounting screw
- 8 battery charge jack
- 9 audio threshold trimmer

## User manual

**STARTING:** Turn on instrument switch (1). The variometer will balance itself completely after about one minute, and then be fully operational.

**VARIOMETER DISPLAY:** The rate of climb resp. descent is indicated by a pointer instrument (3) up to 4.5mps (900 fpm). The instrument can be adjusted with a centering screw (2).

**ACCOUSTICS:** The VA 2002 has a climb dependent tone interval an a steady rate signal as a sink warning for descent rates below  $-3.5\text{mps}$  (700fpm). When switching your instrument on, the audio signal is in «off» position. Choose from two volume levels by pressing the audio button (6) an according number of times. The default audio threshold is adjusted to 10cm per second (4 inches per second) and can be altered with a trimmer (9).

**BATTERY CHECK:** The VA 2002 is equipped with a rechargeable battery and is operational (fully charged) for approximately 25 hours. Press button (5) to check power supply. Discharge is indicated by the pointer instrument. Readings may be inaccurate at levels below « $+3\text{mps}/600\text{fpm}$ ».

**CHARGING THE NICAD-ACCUMULATOR:** To charge the battery, turn instrument off and attach AC or car battery adapter to jack (8).

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