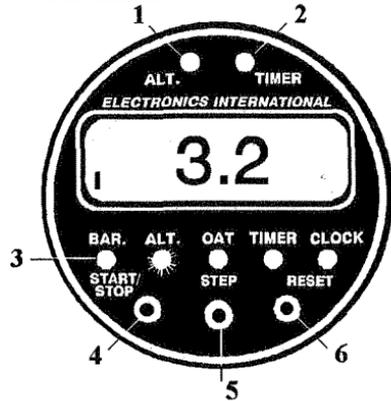


# Altitude Alert / Super Clock (ASC-5A) Quick Reference Guide

1105961

Rev A: 1/8/97

1. Altitude Warning LED.
2. Timer Warning LED.
3. Display Mode Indicator LED's.
4. Start/Stop Button.
5. Step Switch.
6. Reset Button.



**Blinking "BAR." LED on Power-up:** After power-up, the ASC-5A will blink the Barometric Pressure (BAR) LED. The "BAR." LED will continue to blink until any button or switch is pushed. The blinking "BAR" LED is intended as a reminder to update the ASC-5A with the current Barometric Pressure.

**To Display the Various Modes:** Push the Step Switch (5) to the right or left to select the various display modes. The appropriate green Display Mode Indicator LED will be lit indicating which mode is being displayed.

**Altitude Warning LED (1):** This LED will blink for the following alarms:  
A. Level Off Alarm - If your altitude reaches 200' from your Assigned Altitude.  
B. Deviation Alarm - If your altitude deviates 200' from your Assigned Alt.  
C. Approach Alarm - If your altitude drops below the Approach Altitude.

Push any button to stop the blinking Altitude Warning LED (1).

**Timer Warning LED (2):** If the Timer is set up as an UP Timer, the Timer Warning LED (2) will blink when the time reaches the programmed Recurring Alarm setting or a multiple of this setting. If the Timer is set up as a Down Timer, this LED will blink when the time reaches 0:00. Push any button to stop the blinking Timer Warning LED (2).

**Barometric Pressure (BAR.) Display Mode:** This mode displays the Barometric Pressure in inches of mercury or millibars as set by the pilot. To set the Barometric Pressure, select the "BAR." Display Mode and push both the "START/STOP" (4) and "RESET" (6) Buttons at the same time. Select the blinking digit with the "START/STOP" and "RESET" Buttons. Increase or decrease the blinking digit with the "STEP" Switch (5). To exit this mode, push both the "START/STOP" and "RESET" Buttons (4 & 6) at the same time.

**Altitude (ALT) Display Mode:** This mode displays your current Encoder Altitude or Assigned Altitude (depending on the ASC-5A configuration) in thousands of feet. Push and Hold the "START/STOP" Button (4) to display the Encoder Altitude (preceded by an "E") or the Assigned Altitude (preceded by an "A") depending on the ASC-5A configuration. A bar in the upper left corner of the display indicates you need to climb to reach your programmed Assigned Altitude and a bar in the lower left corner of the display indicates you need to descend to reach your Assigned Altitude. To display Density Altitude (preceded by a "d "), push and hold the "RESET" Button (6).

To program the Assigned and/or Approach Altitude, select the "ALT." Display Mode and push both the "START/STOP" (4) and "RESET" (6) Buttons at the same time. A bar in the upper left corner of the display indicates you are programming the Assigned Altitude and a bar in the lower left corner of the display indicates you are programming the Approach Altitude. Select the blinking digit with the "START/STOP" and "RESET" Buttons. Increase or decrease the blinking digit with the "STEP" Switch (5). To program the Approach Altitude, continue pushing the "RESET" Button until a bar appears in the lower left corner of the display. To exit this mode, push both the "START/STOP" and "RESET" Buttons (4 & 6) at the same time.

**OAT Display Mode:** The Outside Air Temperature may be displayed in 'F or 'C. To toggle the display between 'F and 'C, select the "OAT" Display Mode and push "RESET" Button.

**Timer Display Mode:** The Timer may be set up as an Up or Down Timer. As an Up Timer you may program a Recurring Alarm or as a Down Timer you may program the Start Time. To program the Recurring Alarm/Start Time and to configure the Timer as an Up or Down Timer, select the "Timer" Display Mode and push both the "START/STOP" (4) and "RESET" Buttons (6) at the same time. You will be programming the Recurring Alarm/Start Time. Select the blinking digit with the "START/STOP" and "RESET" Buttons. Increase or decrease the blinking digit with the "STEP" Switch (5). To configure the Timer as an Up or Down Timer, continue pushing the "RESET" Button until the display shows "UP" or "dn." (Note: The Up Timer will continue to run when the Down Timer is selected.) The "Step" Switch (5) will toggle the display between "UP" and "dn." To exit this mode, push both the "START/STOP" and "RESET" Buttons (4 & 6) at the same time.

**CLOCK Display Mode:** This mode displays the Local Time when an "L" is showing in the lower right corner of the display. If there is no "L" showing, Zulu Time is displayed. Push the "RESET" Button (6) to toggle the display between Local and Zulu Time.