ASTROTECH LC-2 CHRONOMETER

LC-2 DESIGN BASIS

The Astrotech LC-2 is a precision clock-timer offering reliability at an economical cost. This chrono-meter provides time, date and elapsed timer with a hold or time-out feature.

The Astrotech model LC-2 chronometer uses a custom designed microprocessor circuit which controls all clock/timer functions. The microprocessor is attached to a single circuit board, a simplified construction technique resulting in a high degree of reliability and performance at a low cost. Circuitry is not subject to dirt, vibration, friction, or the wear characteristics of mechanical clock movements.

LC-2 SPECIFICATIONS

Clock
12 or 24 hour, 4 digit clock, internally switchable before installation.

Date
Displayed in MONTH/DAY format.

Elapsed Timer
24 hour capacity, displays minutes/seconds for the first hour, hours/minutes thereafter to 100 hours.

Timing Accuracy
Typically better than a few seconds per month.

Display
Continuous readout using a Liquid Crystal Display for excellent readability in direct sunlight.

Environmental
The LC-2 is qualified to all of the applicable sections of RTCA DO-160 for electrical and mechanical compliance.

Power
If equipped with batteries, the life is normally 2 years. The power drain when connected to the aircraft battery is negligible (less than .003 Amps).

Installation
Installs directly into a standard 2-1/4" (57.2 mm) diameter clock panel cutout for the panel mounted LC-2 or mounts in the specified aircraft control wheels (see table below for part numbers).

Weight
Less than 5 oz. (142 grams).

Lighting
The display is lighted for night flying and connects to the aircraft instrument panel dimming circuit. Both 14V and 28V bulbs are included with each panel mounted clock.
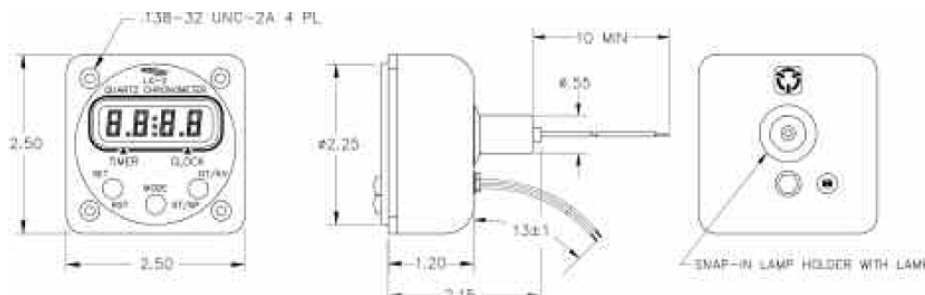
PART NO.	MODEL	DESCRIPTION
AT420000	LC-2	Panel mounted, aircraft powered, 14V & 28V lamps included.
AT420100	LC-2	Panel mounted, powered with 2 internal AAA batteries. 14V & 28V lamps included.
*AT4210P0	LC-2P	Piper control wheel (Part # 79217) mounted, aircraft powered, 14V Internal Lighting.
*AT4220P0	LC-2P	Piper control wheel (Part # 79217) mounted, aircraft powered, 28V internal lighting.

*special order only

FEATURES

- Liquid Crystal Display for excellent sunlight readability
- Four-digit display
- Simple three-button operation
- Selectable 12 or 24 hour clock
- 24 hour elapsed timer

- Date display
- Internal lighting
- Two year battery life
- Rear mounts into standard 2-1/4" diameter instrument panel cutout

AT420000 SHOWN

AvtechTyee™

TRANSICOIL
AEROSPACE SOLUTIONS

Transicoil LLC
9 Iron Bridge Drive
Collegeville, PA 19426

www.Avtechyee.com

Tel:	(484) 902-1100
Toll Free:	(800) 323-7115
Fax:	(484) 902-1150