



LC-6

Astrotech LC-6 Chronometer

► Manufactured by ADS/Transicoil

The Astrotech LC-6 is a precision, five-function quartz chronometer designed specifically to meet the increased demands of IFR and VFR flight.

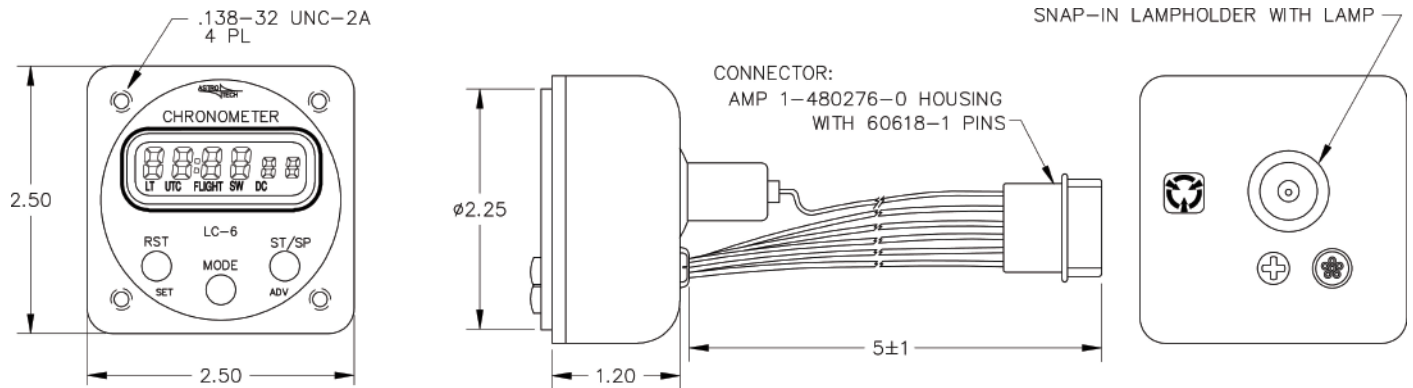
FEATURES:

- Liquid Crystal Display for excellent sunlight readability
- Full six-digit display
- Simple three-button operation
- UTC and local time
- Elapsed timer
- Down-counter with alarm capability
- 100 hour remote-activated flight timer
- Two year "keep-alive" battery life
- Backlit for night flying. May be wired into the aircraft's own instrument panel lighting system
- Rear mounts into standard 2-1/4" diameter instrument panel cutout

LC-6 Design Basis:

The Astrotech model LC-6 chronometer uses a custom designed microprocessor circuit. The microprocessor is attached to a single circuit board, a simplified construction technique, resulting in a high degree of reliability and performance. Circuitry is not subject to dirt, vibration, friction, or wear characteristics of mechanical clock movements.

AT660100 shown



LC-6 Specifications:

- ▶ **Clock:** 12 hour Local Time (LT) and 24 hour Universal Coordinated Time (UTC)
- ▶ **Elapsed Timer:** 100 hour capacity Stopwatch (SW), stop & restart or reset to zero
- ▶ **Flight Timer:** 100 hour capacity started and stopped by external input (ie: landing gear)
- ▶ **Down-Counter:** Presetable in hours, minutes, & seconds for timing approaches or fuel management. May be wired for external alarm.
- ▶ **Display:** Continuous readout using a Liquid Crystal Display for excellent readability in direct sunlight.
- ▶ **Lighting:** The display is backlit for night flying when connected to the aircraft instrument panel lighting system. 5V, 14V and 28V bulbs are included with each panel mounted clock. *NVIS (Night Vision Imaging System) compatible designs available.
- ▶ **Weight:** Less than 5 oz. (142 grams)
- ▶ **Installation:** Installs directly into a standard 2-1/4" (57.2 mm) diameter clock panel cutout for the panel mounted LC-6 or mounts in the specified aircraft control wheels (see table below for part numbers).
- ▶ **Environmental:** The LC-6 is qualified to all of the applicable sections of RTCA DO-160 for electrical and mechanical compliance.
- ▶ **"Keep-alive" feature:** Clock maintains time from 2 AAA batteries with aircraft power removed.

Part No. Model

Description

AT660100 LC-6	Panel mounted, aircraft powered, 2 internal AAA keep-alive batteries, 5V, 14V & 28V lamps included. National Stock No. 6645-01-198-3831
*AT6610P0 LC-6P	Piper control wheel (Part # 79217) mounted, aircraft powered, 14V Internal Lighting
*AT6620P0 LC-6P	Piper control wheel (Part # 79217) mounted, aircraft powered, 28V Internal Lighting

* Special order only.