ASTROTECH LC-6 CHRONOMETER

LC-6 DESIGN BASIS

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

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.

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
Presettable 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.

Environmental
The LC-6 is qualified to all of the applicable sections of RTCA DO-160 for electrical and mechanical compliance.

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).

Weight
Less than 5 oz. (142 grams).

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.

Keep-alive" feature
Clock maintains time from 2 AAA batteries with aircraft power removed.

Since 1969 AvtechTyee has been a leader in the design, development, and manufacture of electronic systems for the aerospace industry, with a focus in three product groups: Audio, Avionics and Structures.

AvtechTyee products are flying onboard 42 aircraft types within the air transport, regional commuter, and business jet sectors, serving 450 customers in 49 countries of the world.

Our versatility in supporting aerospace electronics requirements ranges from the custom design and manufacturing of complex power supplies to complete Digital Audio Systems.

AvtechTyee is certified to ISO9001, AS9100 and the FAA's ACSEP. Product Support includes in-house repair services (FAA approved Repair Station #IG6R621N), loaner/exchange programs, and both in-house and offsite airline training.
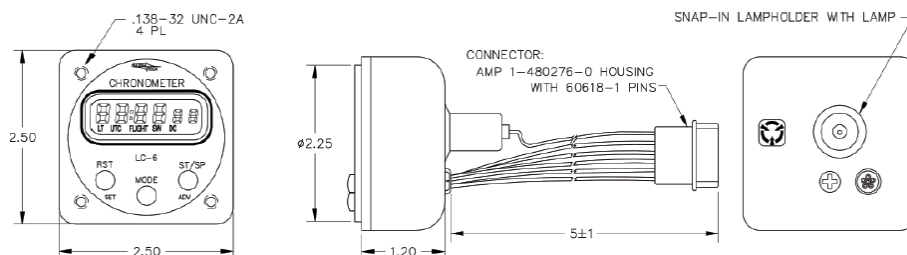
PART NO.	MODEL	DESCRIPTION
AT660100	LC-6	Panel mounted, aircraft powered, 2 internal AAA keep-alive batteries, 5V, 14V & 28V lamps included. National Stock No. 6645-01-198-3831
*AT6610P0	LC-6P	Piper control wheel (Part # 79217) mounted, aircraft powered, 14V Internal Lighting
*AT6620P0	LC-6P	Piper control wheel (Part # 79217) mounted, aircraft powered, 28V Internal Lighting

*Special order only

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 in aircraft's own instrument panel lighting system
- Rear mounts into standard 2-1/4" diameter instrument panel cutout

AT660100 SHOWN

AvtechTyee™

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