

		Continued Airworthiness			Doc. No. ICL-5-AFMS
					Page 1(3)
Replaces	Revision A	Prep. by Sam Yrlund	Insp. by	Approved by	Date 2025-06-18

AIRPLANE FLIGHT MANUAL SUPPLEMENT

Davtron digital clock p/n M800-14V-BAT SE-ICL, Piper PA28-181 / FAA TCDS 2A13 Rev 64



This airplane flight manual supplement must be attached to the approved Airplane Flight Manual when the Davtron digital clock p/n M800-14V-BAT is installed in accordance with installation work order Samionics WO20250618SEICL and engineering order 2025/06/18-SEICL.

This document and the installation are classified as an EASA standard change and approved in accordance with EASA CS-STAN Rev 4 and documented on EASA Form 123.

Section 1 – General

This document describes the operating instructions and limitations (if any) associated with the installation of the Davtron digital clock p/n M800-14V-BAT. The clock is powered directly from the aircrafts battery and is connected to the instrument panel lights for backlight of the LCD display.

Section 2 – Limitations

No change

Section 3 – Emergency/abnormal procedures

No change

		Continued Airworthiness			Doc. No. ICL-5-AFMS
					Page 2(3)
Replaces	Revision A	Prep. by Sam Yrlund	Insp. by	Approved by	Date 2025-06-18

Section 4 – Normal procedures

The SELECT button selects what is to be displayed on the four-digit window and the CONTROL button controls what is being displayed. Pressing SELECT sequentially selects UT, Local Time, Elapsed Time and back to UT. The CONTROL button starts, stops, and resets Elapsed Time when momentarily pushed. Normal operation of the M800 cannot accidentally reset time.

Setting UT (Universal Time)

Select UT for display in the four digit window with the SELECT button. Simultaneously press both the SELECT and CONTROL buttons to enter the set mode. The tens of hours digit will start flashing. The CONTROL button has full control of the flashing digit and each button push increments the digit. Once the tens of hours is set, the SELECT button selects the next digit to be set. After the last digit has been selected and set with the CONTROL button, a final push of the SELECT button exits the mode. The lighted annunciator will resume its normal flashing, indicating the UT clock is running.

Setting LT (Local Time)

Select Local Time, LT, using the SELECT button. Simultaneously push the SELECT and CONTROL buttons to enter set mode. The tens of hours digit will start flashing. The set operation is the same as for UT, except that minutes are already synchronized with the UT clock and can only be incremented by 15 minutes. LT may be switched from 12 to 24-hour format by pressing SELECT for 5 seconds while in LT mode. The display will show current hour format. Press CONTROL button to change hour format then press SELECT to exit.

Test Mode

In UT mode, hold the SELECT button down for five seconds and the display will indicate 88:88.

Elapsed Time Count Up

Select ET for display. Pressing the CONTROL button will start ET counting. Elapsed time counts up to 59 minutes, 59 seconds, and then switches to hours and minutes. It continues counting up to 99 hours and 59 minutes. Pressing the CONTROL button again stops ET. Another press resets ET to zero.

Elapsed Time Count Down

Select ET for display and enter set mode by pressing both buttons. The countdown timer can now be set. Entering the time is identical to UT time setting. When the time is entered and the last digit is no longer flashing the clock is ready to start the countdown. Momentarily pressing the CONTROL button starts the countdown. When the count reaches zero the displays flash. Pressing either SELECT or CONTROL will deactivate the alarm. ET continues counting up. Pressing CONTROL again will stop counting. Another press will reset to zero.

		Continued Airworthiness			Doc. No. ICL-5-AFMS
					Page 3(3)
Replaces	Revision A	Prep. by Sam Yrlund	Insp. by	Approved by	Date 2025-06-18

Section 5 – Performance

No change.

Section 6 – Weight and balance

No change. See aircrafts current weight and balance data.

Section 7 – System description

See section 1 and 2.

Section 8 – Handling, service and maintenance

No change.