

	INDICATING/RECORDING SYSTEMS CLOCK	1.31.55 P 1	
		SEQ 100	REV 16

GENERAL

A fully independent clock is on the right side of the control panel.

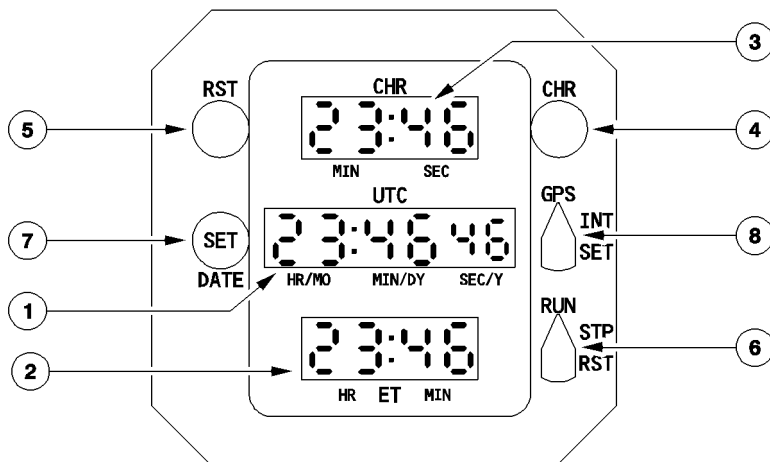
It sends time to the Central Maintenance Computer, the Flight Data Interface Unit, and the Flight Management and Guidance Computer.

The clock has two electrical supplies, one of which is a direct connection to the aircraft's battery hot bus.

The clock performs four functions :

- It displays "UTC" (GMT) time in hours, minutes, and seconds, on the center counter.
- It displays elapsed time (ET) (from engine startup) in hours, and minutes, on the lower counter.
- It drives the chronometer (CHR), which measures a time interval (from the pushing of the CHRONO button) in minutes and seconds.
- It can replace the UTC with the date.

CONTROLS AND INDICATORS



FFCS-01-3155-002-A110AA

① UTC (GMT) counter

This counter displays the present time in 24-hour format from 0 to 23 hours 59 minutes 59 seconds.

② Elapsed Time (ET) counter

This counter registers the aircraft's flight time from 0 to 99 hours 59 minutes.

③ Chrono (CHR) counter

This counter registers elapsed time from 0 to 99 minutes 59 seconds. It is controlled by the CHR pushbutton.

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④ CHR pushbutton

First push : starts the CHR counter
Second push : stops the CHR counter, keeps the display at its last indication.

⑤ Reset (RST) pushbutton

When pressed, the CHR counter restarts from 0 if the chrono is running.

⑥ ET selector

“RUN” : the ET counter starts
“STP” : the ET counter stops counting
spring loaded “RST” : the ET counter is blanked. The selector returns to its STP position when the selector is released.

Note : A cumulative elapsed time can be realized by alternatively set this switch in “RUN” and “STP” position.

⑦ DATE/SET button

First push : sets the clock to date mode. The UTC time display is replaced by the date (day month year).
Second push : sets the clock to time mode. The date display disappears.

Note : in order to select the date mode, the UTC selector must be set on “GPS” or “INT” position.

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⑧ UTC selector

“GPS” : Time (or date, if selected) is displayed, and this data is synchronized on GPS information.

Note : – If the signal between the GPS and the clock is not detected, dashes are displayed. Only the “INT” and “SET” positions are then available.
– If the signal is detected, but GPS data is invalid, the clock automatically runs on its internal time.
– The clock will automatically resynchronize on the GPS information, as soon as the GPS data becomes available.

“INT” : Internal time (or date, if selected) is displayed.

Note : – The clock's internal time is always synchronized with the latest valid GPS information.
– If there is no valid GPS information at power up, the internal time will be 00:00:00, until the clock is initialized, or until valid GPS information is present.

“SET” : Allows the internal time and date to be initialized.

INTERNAL TIME AND DATA INITIALIZATION

Set the UTC selector on “SET”. The minute digits flash, and the seconds' digits are blank.

To increase data, turn the DATE/SET button clockwise.

To decrease data, turn the DATE/SET button counterclockwise.

- First, push on DATE/SET : To set the hour.
- Second, push on DATE/SET : To set the year.
- Third, push on DATE/SET : To set the month.
- Fourth, push on DATE/SET : To set the day.

Switch the UTC selector to the “INT” position and the clock starts with the seconds' digits at 00.

Note : This process must be completed in less than one minute. Otherwise, it will be necessary to reset the CMC in order to synchronize the lower ECAM time display with the cockpit clock display. Resetting the CMC is a maintenance operation.