

EI CGR-30P Quick Reference Guide

Control Functions

[S]	Change screen
Rotary Knob	(press) Selection (turn) Move cursor, change data field
[E]	<ul style="list-style-type: none"> Exit/cancel Acknowledge Go to Main screen

Screen Descriptions

Main	Primary engine instruments & EGT/CHT bar graph
Secondary	<u>Tach time</u> & secondary engine instruments
Fuel Qty	Display or set total fuel on board
Fuel Data	Display fuel calculation info

Main Screen Bar Graphs

EGT/CHT*	Bar graph of EGTs & CHTs
NORMLZD*	EGTs & CHTs normalized
LEAN-ROP	ROP lean assist
LEAN-LOP	LOP lean assist
EGT	Diagrammatic engine EGTs
CHT	Diagrammatic engine CHTs

* Recommended Display Mode

Bar Graph Modes

SCAN	Scan and display each cylinder's EGT & CHT
HOTTEST*	Display the hottest EGT & CHT
SELECT	Display the EGT & CHT for a selected cylinder
DIFF	Display difference from hottest to coldest EGT & CHT

Fuel Data Screen Modes

Fuel Cylinder	Estimated total fuel on board (gallons)
FLOW	Fuel flow (GPH)
EST DIST	Fuel range, distance to destination, fuel range @ destination
EST QTYS	Fuel remaining in gallons, fuel to reach dest., fuel quantity @ dest.
EST TIME	Fuel remaining in time, time to destination, fuel in time @ destination
EST AT DEST	Fuel remaining in : range, time & quantity @ dest.
EST USED	Fuel used this flight & since fuel was last added, nautical MPG

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Selecting the Main Screen Bar Graph Mode

1. From the **Main** screen, turn the Rotary Knob to select the **bar graph** or **bar graph mode** field
2. *Press* the Rotary Knob
3. *Turn* the Rotary Knob to select the desired mode
4. *Press* the Rotary Knob when done

Selecting the Fuel Data Screen Mode

1. *Press S* to cycle to the **Fuel Data** screen
2. *Turn* the Rotary Knob to select the desired mode

Set Fuel Quantity during Startup

1. Wait for the blue start-up text to be displayed
2. *Press* the Rotary Knob to go to the **Fuel Qty** screen
-OR-
Press E to exit if fuel quantity hasn't changed

Set Fuel Quantity after Startup

1. *Press S* to cycle to the **Fuel Qty** screen

Setting Fuel Quantity

1. *Press* the Rotary Knob
2. To set an exact fuel amount
 - a. *Press* the Rotary Knob to edit "Gal"
 - b. *Turn* the Rotary Knob to select a field
 - c. *Press* the Rotary Knob to edit the value
 - d. *Turn* the Rotary Knob to change value
 - e. *Press* the Rotary Knob to accept value
 - f. Repeat b-e as necessary
 - g. *Press S* then *E* when done
3. To set a preset fuel amount
 - a. *Turn* the Rotary Knob to "Change To"
 - b. *Press* the Rotary Knob to edit
 - c. *Turn* the Rotary Knob to select a preset fuel level
 - d. *Press* the Rotary Knob when done