



ELECTRONICS
INTERNATIONAL INC.

CGR-30C with Arcs

MARKINGS AND CONFIGURATION REQUIREMENTS



Your CGR-30C order will NOT BE PROCESSED until this form has been COMPLETELY filled in, signed and returned to Electronics International.

www.buy-ei.com

Electronics International Inc. will configure the CGR-30C to the range limits, markings and hardware based solely on the data provided within the completed and signed document. All data must be provided by the pilot/owner and the mechanic. The data must match the POH/AFM and any changes required by any AD's, Supplements or STC's. Also, limits and marking information may be cross-checked against the instruments mounted in the aircraft panel. This document must be completed and signed by the aircraft owner AND by an FAA certificated mechanic.

This form should then be delivered to Electronics International Inc., at which time a configuration file for a specific CGR-30C will be generated. A configuration file for a TSO'd CGR-30C can only be generated or changed by Electronics International Inc. If any of the information provided on this form is wrong, there may be a reprogramming fee to change the configuration.

IMPORTANT NOTE:

UP to 8 monitored functions are included in the pricing of the CGR-30C. This includes volts, amps, temperatures, fuel flow and pressures. Clocks and timers are free, and do not count toward your 8 functions. If you plan on monitoring existing fuel level probes, there is no additional charge, but if you plan on purchasing EI Fuel Level Probes (P-300C Capacitive or P-300M Magnetic), **additional costs of the probes will be added to the invoice.**

AIRCRAFT INFORMATION		EXAMPLE
CUSTOMER NAME		PETER PILOT
CUSTOMER PHONE #		555-555-5555
FAA CERTIFIED A&P MECHANIC'S NAME		MARTY MECHANIC
FAA CERTIFIED A&P MECHANIC'S PHONE #		800-555-1212
A&P MECHANIC'S FAA CERTIFICATE NUMBER		12345678
AIRCRAFT MAKE & MODEL		CESSNA, 182R
AIRCRAFT TAIL NUMBER		N555H
ENGINE MANUFACTURER AND MODEL		CONTINENTAL O-470U
# OF CYLINDERS AN MAX ENGINE HP		6, 230 HP

Filling Out This Form:


- Write in the name of the function you wish to monitor for each screen location.
- If the selected function has limits, input the color and associated range in the provided boxes.


For example:


	FUNCTION NAME:	RPM
RANGE		COLOR
FROM	TO	
0	2700	Green
2700	+	Red

NOTE: GAPS ARE NOT ALLOWED IN CUSTOMER PROVIDED RANGES. ALL VALUES, FROM ZERO TO THE HIGHEST VALUE, MUST BE DOCUMENTED.

- If no limits are provided in your aircraft POH/AFM for the monitored function, simply write 'NO LIMITS' in the space provided. Failing to write 'NO LIMITS' will result in an incomplete form, and will **delay your order.**
- If there is a gap in the provided ranges/redlines, there will likely be a **SIGNIFICANT DELAY** in your order, since it will be put at the back of the queue until the redlines are verified and complete.

	MAIN SCREEN - LEFT ARC	
	FUNCTION NAME (6 Character Limit):	
RANGE		COLOR
FROM	TO	

	MAIN SCREEN - RIGHT ARC	
	FUNCTION NAME (6 Character Limit):	
RANGE		COLOR
FROM	TO	

	MAIN SCREEN - LOCATION 3	
	FUNCTION NAME (6 Character Limit):	
RANGE		COLOR
FROM	TO	



MAIN SCREEN - LOCATION 4

FUNCTION NAME (6 Character Limit):

--	--	--	--	--	--

RANGE		COLOR
FROM	TO	



MAIN SCREEN - LOCATION 7

FUNCTION NAME (6 Character Limit):

--	--	--	--	--	--

RANGE		COLOR
FROM	TO	



MAIN SCREEN - LOCATION 8

FUNCTION NAME (6 Character Limit):

--	--	--	--	--	--

RANGE		COLOR
FROM	TO	



MAIN AND SECOND SCREEN - **STATUS LEFT** (DIGITAL ONLY, NO BAR)
**** THIS LOCATION IS THE SAME ON THE MAIN AND SECOND SCREEN**

FUNCTION NAME (6 Character Limit):

--	--	--	--	--	--

RANGE		COLOR
FROM	TO	



MAIN AND SECOND SCREEN - **STATUS RIGHT** (DIGITAL ONLY, NO BAR)
**** THIS LOCATION IS THE SAME ON THE MAIN AND SECOND SCREEN**

FUNCTION NAME (6 Character Limit):

--	--	--	--	--	--

RANGE		COLOR
FROM	TO	





SECOND SCREEN - LOCATION 1


FUNCTION NAME (6 Character Limit):


--	--	--	--	--	--


RANGE		COLOR
FROM	TO	

	SECOND SCREEN - LOCATION 2										
	FUNCTION NAME (6 Character Limit):										
RANGE						COLOR					
FROM			TO								

	SECOND SCREEN - LOCATION 3										
	FUNCTION NAME (6 Character Limit):										
RANGE						COLOR					
FROM			TO								

	SECOND SCREEN - LOCATION 4										
	FUNCTION NAME (6 Character Limit):										
RANGE						COLOR					
FROM			TO								

	SECOND SCREEN - LOCATION 5					
	FUNCTION NAME (6 Character Limit):					
RANGE			COLOR			
FROM			TO			

	SECOND SCREEN - LOCATION 6					
	FUNCTION NAME (6 Character Limit):					
RANGE			COLOR			
FROM			TO			

VOLTS	
Are you monitoring Volts with this CGR-30C? (Circle Your Answer:)	Y or N
If you are monitoring Volts, please specify 12 or 24 volt system	12v or 24v
AMPS	
Are you monitoring Amps with this CGR-30C? (Circle Your Answer:)	Y or N
If you are monitoring Amps, will you be using an existing shunt?	Y or N
If you are using an existing shunt what is the shunt value?	_____ amps for a 50 mv drop
If you are monitoring Amps with this CGR-30C, but are NOT using an existing shunt, EI will provide you with the S-50 Shunt.	

FUEL LEVEL(S)	
Are you monitoring Fuel Level with this CGR-30C? (Circle Your Answer:)	Y or N
<input type="checkbox"/> you are monitoring Fuel Level, please check the box next to the probe type you will use below	
<input type="checkbox"/>	El's P-300M Magnetic Float-Type Probe (Recommended)
<input type="checkbox"/>	El's P-300C Capacitance Probe
<input type="checkbox"/>	Resistive Float-Type Probe, Resistance INCREASES as fuel is added to tank.
<input type="checkbox"/>	Resistive Float-Type Probe, Resistance DECREASES as fuel is added to tank.
Other Fuel Probe Type - Specify Signal Output:	

FUEL PRESSURE	
Are you monitoring Fuel Pressure with this CGR-30C? (Circle Your Answer:)	Y or N
If you are monitoring Fuel Pressure, please check the box next to the configuration that best matches your installation:	
<input type="checkbox"/>	Fuel Pressure is monitored at the fuel pump
<input type="checkbox"/>	Metered Fuel Pressure monitored at the Flow Divider
<input type="checkbox"/>	Turbocharged system. Fuel Pressure referenced to Upper Deck

FAILURE TO SIGN THIS DOCUMENT WILL RESULT IN AN INCOMPLETE FORM, AND WILL DELAY YOUR CGR-30C ORDER.

We (the undersigned) have entered and verified all the limits, markings and aircraft configurations listed in this worksheet to be correct and taken from the information in the aircraft's POH/ AFM which includes any changes mandated by any AD's, Supplements and STC's. We understand there is important safety information in the Installation and Operating Instructions that must be read before installing the CGR-30C and flying the aircraft.

**** **Be sure you have ordered the hardware to support all the functions listed in this document** ****
 **** **Check that all range and configuration information is complete and accurate** ****

 OWNER/PILOT'S PRINTED NAME

 OWNER/PILOT'S SIGNATURE

 DATE

 OWNER/PILOT'S PRINTED NAME

 OWNER/PILOT'S SIGNATURE

 DATE