

# CGR-30P Premium Configuration Worksheet

General Information				
Customer Name:		Aircraft Make:		Aircraft Serial #:
Email:		Aircraft Model:		Aircraft Tail #:
Phone:		Engine Make:		# of Cylinders:
		Engine Model:		Max HP:
<input type="checkbox"/> 8' cable length (Verify that this standard length is sufficient for your aircraft) <input type="checkbox"/> 12' cable length (\$250 add'l charge) (2x charge if Twin CGR Pkg) <input type="checkbox"/> 20' cable length (\$500 add'l charge) (2x charge if Twin CGR Pkg)		<b>Other certification options:</b> <input type="checkbox"/> Include a Certificate of Conformance (\$10) <input type="checkbox"/> Include an 8130-3 (\$99). Can add up to 2 weeks to lead time.		

**IMPORTANT** For each order, this worksheet **MUST** be completed and submitted, along with the following items:

- Specific pages from your POH/AFM:**
  - POH/AFM Cover Page
  - Engine/Operations Limitations Page and the page before it and the page after it.
  - Power Plant/Engine Instrument Markings and the page before it and the page after it.
- Any ADs/STCs/AFMs that affect the original power plant instrument markings.**
- Closeup color photos of the primary gauges in your aircraft panel (optional, but helpful).**

<b>Ignition Configuration:</b>	<input type="checkbox"/> 2 Mags <input type="checkbox"/> 1 Mag + 1 SureFly <input type="checkbox"/> 1 Mag + Electronic <input type="checkbox"/> Other: _____
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<b>Function Selections:</b>	The CGR can display up to 13 functions. The first 3 functions are pre-selected below. Select the remaining functions by numbering them 4 through 13. Indicate whether each selected function has limits defined for your aircraft. Limits are established in your POH/AFM as having yellow and/or red markings on the gauge. For functions 4 through 13 there may be no more than 5 functions with designated limits. All functions are included in the kit price except for the CO Detector. Its price is indicated below.									
Function #	Has Limits (Y/N)	Function	Function #	Has Limits (Y/N)	Function					
1	N/A	RPM			Carb Temp <input type="checkbox"/> °F <input type="checkbox"/> °C					
2	N/A	EGT - All Cylinders <input type="checkbox"/> °F <input type="checkbox"/> °C			Turbine Inlet Temp (TIT) <input type="checkbox"/> °F <input type="checkbox"/> °C					
3	N/A	CHT - All Cylinders <input type="checkbox"/> °F <input type="checkbox"/> °C			Induction Air Temp (IAT) <input type="checkbox"/> °F <input type="checkbox"/> °C					
		Manifold Pressure			Compressor Discharge Temp (CDT) <input type="checkbox"/> °F <input type="checkbox"/> °C					
		Fuel Flow, Gravity Feed, No Fuel Pump			Hydraulic Pressure <input type="checkbox"/> psi <input type="checkbox"/> bar					
		Fuel Flow, Aircraft w/Fuel Pump								
		Fuel Flow, Aircraft w/Pressure Carb			G-Meter (Does not have Peak Hold feature.)					
		Estimated Fuel (Must Have Fuel Flow) Units: _____			OAT in °F					
		Fuel Pressure (Must have Fuel Pump) <input type="checkbox"/> psi <input type="checkbox"/> bar			OAT in °C					
		Fuel Pressure (for Turbocharged Aircraft) <input type="checkbox"/> psi <input type="checkbox"/> bar			Horsepower (Requires MP)					
		Fuel Tank 1								
		Fuel Tank 2			Cabin Air Temperature <input type="checkbox"/> °F <input type="checkbox"/> °C					
		Fuel Tank 3			Cabin Pressure <input type="checkbox"/> psi <input type="checkbox"/> "Hg					
		Fuel Tank 4			Cabin Differential Pressure <input type="checkbox"/> psi <input type="checkbox"/> "Hg					
		Oil Pressure <input type="checkbox"/> psi <input type="checkbox"/> bar			CO Detector (additional \$695)					
		Oil Temp <input type="checkbox"/> °F <input type="checkbox"/> °C			Local Time**					
		Volts <input type="checkbox"/> 12V <input type="checkbox"/> 24V			Zulu Time**					
		AMPS			Engine Time **					
		2nd AMPS (includes FM-VA-3 Module)			Tach Time **					
					Flight Time					

\*\* Local Time, Zulu Time, Engine Time and Tach Time are built in and are displayed in a submenu. You may still select them as functions to display on the main or secondary screen.

<b>Aircraft Tail #:</b>	
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<b>Dimming Control:</b>	<input type="checkbox"/> Dim the CGR as rheostat voltage is increased.	<input type="checkbox"/> (Option) CP-1A LED Intensity Control Pot additional \$72 charge
	<input type="checkbox"/> Dim the CGR as rheostat voltage is decreased.	<input type="checkbox"/> (Option) CP-1A LED Intensity Control Pot additional \$72 charge
	<input type="checkbox"/> Add Automatic Dimming Control Sensor (ADC-1).	

<b>AMPS (if selected)</b>	<input type="checkbox"/> Battery Current (Ammeter)	<input type="checkbox"/> Alternator/Generator Current (Loadmeter)	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Use the included 100-Amp Shunt. <input type="checkbox"/> Use the included 300-Amp Shunt. Rarely required and reduces resolution to one amp. <input type="checkbox"/> The aircraft's existing shunt will be used. Value is _____ Amps at _____ mV.			

<b>2nd AMPS (if selected)</b>	<input type="checkbox"/> Battery Current (Ammeter)	<input type="checkbox"/> Alternator/Generator Current (Loadmeter)	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Use the included 100-Amp Shunt. <input type="checkbox"/> Use the included 300-Amp Shunt. Rarely required and reduces resolution to one amp. <input type="checkbox"/> The aircraft's existing shunt will be used. Value is _____ Amps at _____ mV.			

<b>Fuel Flow (if selected):</b>	<b>Total Usable Fuel:</b> _____	<b>Units:</b> _____ (Choose either US Gallons, Liters, Pounds, or British/Imperial Gallons)
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<b>Fuel Tank Configuration (if selected)</b>		<b>Units:</b>	<small>Choose US Gallons, Liters, Pounds, or Bri/Imp Gallons</small>	<b>Type:</b>	<small>Choose Feed or Transfer</small>
<b>Fuel Tank 1 Name:</b>		<b>Usable Fuel Level:</b>		<b>Units:</b>	
<b>Fuel Tank 2 Name:</b>		<b>Usable Fuel Level:</b>		<b>Units:</b>	
<b>Fuel Tank 3 Name:</b>		<b>Usable Fuel Level:</b>		<b>Units:</b>	
<b>Fuel Tank 4 Name:</b>		<b>Usable Fuel Level:</b>		<b>Units:</b>	

<b>Fuel Tank Sensor Type:</b>	<input type="checkbox"/> Resistive Sensor	<input type="checkbox"/> E.I. P-300M Magnetic Sensor	<input type="checkbox"/> E.I. P-300C Capacitive Sensor
	<input type="checkbox"/> CIES Volts	<input type="checkbox"/> CIES Frequency	<input type="checkbox"/> Penny Cap Capacitive or Other Sensor Type*
<b>Bus Voltage:</b>	<input type="checkbox"/> 12V	<input type="checkbox"/> 24V	
<small>*For Penny Cap &amp; other probes contact E.I. Support to provide probe details.</small>			
<b>Fuel sensors are not included in the kit price. Do you need to purchase fuel sensors?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> E.I. P-300M Magnetic Sensor Quantity: _____ (\$540/sensor)			
<input type="checkbox"/> E.I. P-300C Capacitive Sensor Quantity: _____ (\$500/sensor)			

<b>CHT Probe Type (if selected):</b>	<input type="checkbox"/> 3/8" - 24 Screw-in (E.I. Model: P-100). Standard in the instrument kit. <input type="checkbox"/> 3/8" Piggy-Back Gasket for Tanis Heaters (E.I. Model: P-102-3/8) <input type="checkbox"/> 18mm Under Spark Plug Gasket-Style (E.I. Model: P-102-18) <input type="checkbox"/> P-101 CHT Probe with A-101 adaptor (Additional \$20 charge for adaptor)
<small>For additional probe options contact E.I. Support</small>	

<b>TIT Probe Type (if selected):</b>	<input type="checkbox"/> Hose Clamp, w/ 8' cable (E.I. Model: P-110R) <input type="checkbox"/> 1/8" NPT, w/ 8' cable (E.I. Model: P-111) <input type="checkbox"/> 7/16-20, w/ 8' cable (E.I. Model: P-112) <input type="checkbox"/> 1/4" NPT, w/ 8' cable (E.I. Model: P-114)
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<b>Aircraft Tail #:</b>	
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I (the undersigned) have entered and verified all of the information listed on this worksheet to be correct and I have supplied all required excerpts of the aircraft's POH/AFM, including any changes mandated by any AD's, Supplements and STC's. When necessary, I have checked with my FAA certified mechanic to insure all of the information listed above and all documents that I am supplying are correct.

- I have verified that my aircraft make and model are listed on the applicable STC/AML for this instrument.
- My aircraft is experimental or I am working with the FAA for installation approval.

**Any configuration changes after this form is submitted will incur a \$295 reconfiguration fee.** I understand there is important safety information in the Installation and Operating Instructions that must be read before installing the CGR-30 Combo and flying the aircraft.

Completed by: <input type="checkbox"/> Owner <input type="checkbox"/> Pilot <input type="checkbox"/> Technician <input type="checkbox"/> Other: _____
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_____	_____	_____
Printed Name	Signature	Date
	<i>Hand Signature or Encrypted Digital Signature required.</i>	