

# CGR-30C

## 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)		<b>Other certification options:</b>			
<input type="checkbox"/> 12' cable length (\$250 add'l charge) (2x charge if Twin CGR Pkg)		<input type="checkbox"/> Include a Certificate of Conformance (\$10)			
<input type="checkbox"/> 20' cable length (\$500 add'l charge) (2x charge if Twin CGR Pkg)		<input type="checkbox"/> Include an 8130-3 (\$99). Can add up to 2 weeks to lead time.			

<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: _____
--------------------------------	--

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

1. **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.
2. **Any ADs/STCs/AFMs that affect the original power plant instrument markings.**
3. **Closeup color photos of the primary gauges in your aircraft panel (optional, but helpful).**

Function #	Has Limits (Yes/No)	Function	Price	Function #	Has Limits (Yes/No)	Function	Price	
		RPM (Arc Gauge. Uses 2 locations.)	\$175			Turbine Inlet Temp (TIT) <input type="checkbox"/> °F <input type="checkbox"/> °C	\$176	
		Manifold Pressure (Arc Gauge. Uses 2 locations.)	\$254			Induction Air Temp (IAT) <input type="checkbox"/> °F <input type="checkbox"/> °C	\$164	
		Fuel Flow, Gravity Feed, No Fuel Pump	\$355			Compressor Discharge Temp (CDT) <input type="checkbox"/> °F <input type="checkbox"/> °C	\$164	
		Fuel Flow, Aircraft w/Fuel Pump	\$355			Cabin Air Temperature <input type="checkbox"/> °F <input type="checkbox"/> °C	\$164	
		Fuel Flow, Aircraft w/Pressure Carb	\$515			Cabin Pressure <input type="checkbox"/> psi <input type="checkbox"/> "Hg	\$287	
		Fuel Pressure (Must have Fuel Pump) <input type="checkbox"/> psi <input type="checkbox"/> bar	\$287			Cabin Differential Pressure <input type="checkbox"/> psi <input type="checkbox"/> "Hg	\$287	
		Fuel Pressure (for Turbocharged Aircraft) <input type="checkbox"/> psi <input type="checkbox"/> bar	\$574			CO Detector (Can only be Function #9 or Above.)	\$695	
		Tank 1	Fuel Level (each tank counts as a function) The first tank is \$150. Additional tanks are free. To monitor more than 4 tanks, contact E.I.			Local Time**	N/C	
		Tank 2		\$150			Zulu Time**	N/C
		Tank 3					Engine Time (Requires RPM)**	N/C
		Tank 4					Tach Time (Requires RPM)**	N/C
		Oil Pressure <input type="checkbox"/> psi <input type="checkbox"/> bar	\$287			Flight Time (Requires RPM)	N/C	
		Oil Temp <input type="checkbox"/> °F <input type="checkbox"/> °C	\$164			EGT, Single Channel	\$164	
		Volts <input type="checkbox"/> 12V <input type="checkbox"/> 24V	\$48			CHT, Single Channel	\$164	
		AMPS	\$103			Annunciator/Other Function 1:	TBD	
		2nd AMPS (includes FM-VA-3 Module)	\$195			Annunciator/Other Function 2:	TBD	
		Vac	\$287			Annunciator/Other Function 3:	TBD	
		Carb Temp <input type="checkbox"/> °F <input type="checkbox"/> °C	\$164			Annunciator/Other Function 4:	TBD	
		G-Meter (Does not have Peak Hold feature.)	\$495			Annunciator/Other Function 5:	TBD	
		Hydraulic Pressure <input type="checkbox"/> psi <input type="checkbox"/> bar	\$407			Annunciator/Other Function 6:	TBD	
		OAT <input type="checkbox"/> °F <input type="checkbox"/> °C <input type="checkbox"/> Both	\$164					

\*\* 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.

Aircraft Tail #: \_\_\_\_\_

**Dimming Control:**

Dim the CGR as rheostat voltage is increased.       (Option) CP-1A LED Intensity Control Pot additional \$68 charge  
 Dim the CGR as rheostat voltage is decreased.       (Option) CP-1A LED Intensity Control Pot additional \$68 charge  
 Add Automatic Dimming Control Sensor (ADC-1).

**AMPS (if selected)**

Battery Current (Ammeter)     Alternator/Generator Current (Loadmeter)     Other: \_\_\_\_\_

Use the included 100-Amp Shunt.  
 Use the included 300-Amp Shunt. Rarely required and reduces resolution to one amp.  
 The aircraft's existing shunt will be used. Value is \_\_\_\_\_ Amps at \_\_\_\_\_ mV.

**2nd AMPS (if selected)**

Battery Current (Ammeter)     Alternator/Generator Current (Loadmeter)     Other: \_\_\_\_\_

Use the included 100-Amp Shunt.  
 Use the included 300-Amp Shunt. Rarely required and reduces resolution to one amp.  
 The aircraft's existing shunt will be used. Value is \_\_\_\_\_ Amps at \_\_\_\_\_ mV.

**Fuel Flow (if selected):**    **Total Usable Fuel:** \_\_\_\_\_ **Units:** \_\_\_\_\_ (Choose either US Gallons, Liters, Pounds, or British/Imperial Gallons)

Fuel Tank Configuration (if selected)		Units:	Choose US Gallons, Liters, Pounds, or Bri/Imp Gallons	Type:	Choose Feed or Transfer
Fuel Tank 1 Name:		Usable Fuel Level:		Units:	Type:
Fuel Tank 2 Name:		Usable Fuel Level:		Units:	Type:
Fuel Tank 3 Name:		Usable Fuel Level:		Units:	Type:
Fuel Tank 4 Name:		Usable Fuel Level:		Units:	Type:

**Fuel Tank Sensor Type:**     Resistive Sensor     E.I. P-300M Magnetic Sensor     E.I. P-300C Capacitive Sensor  
 CIES Volts     CIES Frequency     Penny Cap Capacitive or Other Sensor Type\*

**Bus Voltage:**     12V     24V

\*For Penny Cap & other probes contact E.I. Support to provide probe details.

**Fuel sensors are not included in the kit price. Do you need to purchase fuel sensors?**     Yes     No

E.I. P-300M Magnetic Sensor    Quantity: \_\_\_\_\_ (\$540/sensor)  
 E.I. P-300C Capacitive Sensor    Quantity: \_\_\_\_\_ (\$500/sensor)

**CHT Probe Type (if selected):**

For additional probe options contact E.I. Support

3/8" - 24 Screw-in (E.I. Model: P-100). Standard in the instrument kit.  
 3/8" Piggy-Back Gasket for Tanis Heaters (E.I. Model: P-102-3/8)  
 18mm Under Spark Plug Gasket-Style (E.I. Model: P-102-18)  
 P-101 CHT Probe with A-101 adaptor (Additional \$16 charge for adaptor)

**TIT Probe Type (if selected):**

Hose Clamp (E.I. Model: P-110R)  
 1/8" NPT (E.I. Model: P-111)  
 7/16-20 (E.I. Model: P-112)  
 1/4" NPT (E.I. Model: P-114)

