



General Information			
Customer Name:		Email:	
A/C Serial #:		Aircraft Make & Model:	# of Cylinders:
A/C Tail #:		Engine Make & Model:	Max HP:
Standard wire length shipped with all instruments is 8 feet.		Other certification options:	
<input type="checkbox"/> Extend to 12 feet cable length. (\$250 additional charge)		<input type="checkbox"/> Include a Certificate of Conformance (\$10)	
<input type="checkbox"/> Extend to 20 feet cable length (\$500 additional charge)		<input type="checkbox"/> Include an 8130-3 (\$195). Can add up to 2 weeks to lead time.	

**Ignition Configuration:**      2 Mags      1 Mag + 1 SureFly      1 Mag + Electronic      Other: \_\_\_\_\_

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

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

**Function Selections:** The CGR-30 Combo can display up to 29 functions. The first 3 functions are pre-selected below. Select the remaining functions by numbering them 4 through 29. All functions are included in the kit price except for the CO Detector. Its price is indicated below.

Function #	Function	Function #	Function
1	RPM		Hydraulic Pressure
2	EGT - All Cylinders		IAT
3	CHT - All Cylinders		G-Meter (Does not have Peak Hold feature.)
	Manifold Pressure		OAT in °F
	Fuel Flow, Gravity Feed, No Fuel Pump		OAT in °C
	Fuel Flow, Aircraft w/Fuel Pump		Horsepower (Requires MP, RPM, EGT)
	Fuel Flow, Aircraft w/Pressure Carb		CDT
	Fuel Pressure (Must have Fuel Pump)		Cabin Pressure
	Fuel Pressure for Turbocharged Aircraft		Cabin Differential Pressure
	Fuel Tank 1		CO Detector (additional \$595)
	Fuel Tank 2	Each tank counts as a function. To monitor more than 4 tanks, contact E.I.	Local Time**
	Fuel Tank 3		Zulu Time**
	Fuel Tank 4		Engine Time (Requires RPM)**
	Oil Pressure		Tach Time (Requires RPM)**
	Oil Temp		Flight Time (Requires RPM)
	Volts <input type="checkbox"/> 12V <input type="checkbox"/> 24V		Annunciator/Other Function 1:
	AMPS		Annunciator/Other Function 2:
	2nd AMPS (includes FM-VA-3 Module)		Annunciator/Other Function 3:
	Vac		Annunciator/Other Function 4:
	Carb Temp		Annunciator/Other Function 5:
	TIT		Annunciator/Other Function 6:

\*\* 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>Dimming Control:</b>	<input type="checkbox"/> Dim the CGR as rheostat voltage is increased.
	<input type="checkbox"/> Dim the CGR as rheostat voltage is decreased.
	<input type="checkbox"/> Add Automatic Dimming Control Sensor (ADC-1).

<b>AMPS (if selected)</b>	<b>Measurement of:</b> <input type="checkbox"/> Battery Current <input type="checkbox"/> Alternator Current
<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>	<b>Measurement of:</b> <input type="checkbox"/> Battery Current <input type="checkbox"/> Alternator Current <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> _____ Gallons.
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Fuel Tank Configuration (if selected)				
<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>

**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: \_\_\_\_\_ (\$496/sensor)

E.I. P-300C Capacitive Sensor Quantity: \_\_\_\_\_ (\$456/sensor)

<b>CHT Probe Type (if selected):</b>  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                     For additional probe options contact E.I. Support                 </div>	<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)

<b>TIT Probe Type (if selected):</b>	<input type="checkbox"/> Hose Clamp, w/ 6' cable (E.I. Model: P-110R) <input type="checkbox"/> 1/4" NPT, w/ 6' cable (E.I. Model: P-114)
	<input type="checkbox"/> 1/8" NPT, w/ 6' cable (E.I. Model: P-111)
	<input type="checkbox"/> 7/16-20, w/ 6' cable (E.I. Model: P-112)

Aircraft Tail #: 

<b>Annunciators****</b>											
Each annunciator requires a VI-221 interface, these are included in each instrument kit. Annunciator signals are wired into the EDC-33P which converts all of the engine and aircraft system signals into serial data. Please ensure that there are adequate channels on your EDC-33P to your annunciators.											
<b>Name</b> (7 Character Max)								<b>Pilot or Aircraft Activated?</b>	<b>ON-State Color</b> (Red, Yellow, Green, Blue)	<b>ON-State Voltage</b> (12V, 24V, Bus, 0V, Ground or Open)	<b>OFF-State Voltage</b> (12V, 24V, Bus, 0V, Ground or Open)

\*\*\*\*Depending on functions selected, annunciator positions may be limited. Please contact us for details.

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 may incur a 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:  Owner  Pilot  Technician  Other \_\_\_\_\_

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Printed Name
Signature
Date

**Hand Signature or Encrypted Digital Signature required.**