iFlyEi.com Support@iFlyEi.com | (541) 318-6060 0409193, Rev. C

General Information							
Customer Name:		Aircraft Make:		Aircraft Serial #:			
Email:		Aircraft Model:		Aircraft Tail #:			
Phone:		Engine Make:		# of Cylinders:			
		Engine Model:		Max HP:			
Standard wire length shipped with all instruments is 8 feet. Extend to 12' cable length (\$250 addt'l charge) (2x charge if Twin CGR Pkg) Extend to 20' cable length (\$500 addt'l charge) (2x charge if Twin CGR Pkg) Include a Certificate of Conformance (\$10) 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: • POH/AFM Cover Page • Engine/Operations Limitations Page + the page before it and the page after it. • 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 color photos of the primary gauges in your aircraft panel (Optional, but helpful).							

<u>Function Selections:</u> 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		Turbine Inlet Temp (TIT) []°F []°C				
2	EGT - All Cylinders [] °F [] °C		Induction Air Temp (IAT) []°F []°C				
3	CHT - All Cylinders [] °F [] °C		Compressor Discharge Temp (CDT) []°F []°C				
	Manifold Pressure		G-Meter (Does not have Peak Hold feature.)				
	Fuel Flow, Gravity Feed, No Fuel Pump		OAT in °F				
	Fuel Flow, Aircraft w/Fuel Pump		OAT in °C				
	Fuel Flow, Aircraft w/Pressure Carb		Horsepower (Requires MP)				
	Estimated Fuel (Must have Fuel Flow)		Cabin Pressure []psi []"Hg				
	Fuel Pressure (Must have Fuel Pump) []psi []bar		Cabin Differential Pressure []psi []"Hg				
	Fuel Pressure for Turbocharged Aircraft []psi []bar		Cabin Temperature []°F []°C				
	Fuel Tank 1		CO Detector (additional \$695)				
	Fuel Tank 2 Each tank counts as a function.		Local Time**				
	Fuel Tank 3 To monitor more than 4 tanks, contact E.I.		Zulu Time**				
	Fuel Tank 4		Engine Time (Requires RPM)**				
	Oil Pressure []psi []bar		Tach Time (Requires RPM)**				
	Oil Temp [] °F [] °C		Flight Time (Requires RPM)				
	Volts [] 12V [] 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 [] °F [] °C		Annunciator/Other Function 5:				
	Hydraulic Pressure []psi []bar		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.

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Aircraft Tail #:	

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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) Measurement of: [] Battery Current [] Alternator Current [] Generator [] 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)							
 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)					nperial Gallons)		
Fuel Tank Configuration	ı (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: (\$496/sensor) [] E.I. P-300C Capacitive Sensor Quantity: (\$456/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, w/ 8' cable (E.I. Model: P-110R) [] 1/8" NPT, w/ 8' cable (E.I. Model: P-111) [] 7/16-20, w/ 8' cable (E.I. Model: P-112)							

] 1/4" NPT, w/8' cable (E.I. Model: P-114)



Aircraft Tail #:	

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Annunciators*					
Each annunciator requires a VI-221 interwhich converts all of the engine and airc for your annunciators.					
Name (7 Character Max)	Pilot or Aircraft Activated?	ON-State Color** (Red, Yellow, Green, Blue, White)	ON-State Voltage*** (12V, 24V, Bus, 0V, Ground or Open)	OFF-State Color** (Red, Yellow, Green, Blue, White, Black)	OFF-State Voltage*** (12V, 24V, Bus, 0V, Ground or Open)
Ground' or 'Open'." The exception is I (the undersigned) have entered and veri excerpts of the aircraft's POH/AFM, incl	fied all of the inforn	nation listed on this w	orksheet to be correctly says and S	et and I have supplic STC's. When neces	ed all required sary, I have
checked with my FAA certified mechanic				11.	ig are correct.
[] I have verified that my aircraft make	e and model are liste	ed on the applicable S	TC/AML for this ins	strument.	
[] My aircraft is experimental or I am	working with the FA	AA for installation app	proval.		
Any configuration changes after this for information in the Installation and Opera	ting Instructions tha		installing the CGR-3	30 Combo and flying	g the aircraft.
Printed Name		Sign	ature		Date

Hand Signature or Encrypted Digital Signature required.