


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. <input type="checkbox"/> Extend to 12 feet cable length. (\$250 additional charge) <input type="checkbox"/> Extend to 20 feet cable length (\$500 additional charge)			Other certification options: <input type="checkbox"/> Include a Certificate of Conformance (\$10) <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:

- 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).

Function Selections: The MVP-50P 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 those with additional costs. Those prices are indicated below. Also indicate measurement units where applicable.

Function #	Has Limits (Y/N)	Function & Units (if applicable)	Function #	Has Limits (Y/N)	Function & Units (if applicable)
1		RPM			Airspeed <input type="checkbox"/> kts <input type="checkbox"/> mph <input type="checkbox"/> kph
2		EGT - All Cylinders <input type="checkbox"/> °F <input type="checkbox"/> °C			Carb Temp <input type="checkbox"/> °F <input type="checkbox"/> °C
3		CHT - All Cylinders <input type="checkbox"/> °F <input type="checkbox"/> °C			TIT <input type="checkbox"/> °F <input type="checkbox"/> °C (For turbo-charged aircraft)
		Manifold Pressure			IAT <input type="checkbox"/> °F <input type="checkbox"/> °C (For turbo-charged aircraft)
		Fuel Pressure (Must have Fuel Pump) <input type="checkbox"/> psi <input type="checkbox"/> bar			CDT <input type="checkbox"/> °F <input type="checkbox"/> °C (For turbo-charged aircraft)
		Fuel Pressure for Turbocharged A/C <input type="checkbox"/> psi <input type="checkbox"/> bar			Hydraulic Pressure <input type="checkbox"/> psi <input type="checkbox"/> bar
		Fuel Flow, Gravity Feed, No Fuel Pump			OAT in °F
		Fuel Flow, Aircraft with Fuel Pump			OAT in °C
		Fuel Flow, Aircraft with Pressure Carb			Horsepower (Requires MP)
		Estimated Fuel ^(Must Have Fuel Flow) Units: _____			G-Meter (Does not have Peak Hold feature.)
		Fuel Tank 1			Cabin Pressure <input type="checkbox"/> psi <input type="checkbox"/> kft <input type="checkbox"/> "Hg
		Fuel Tank 2			Cabin Differential Pressure <input type="checkbox"/> "Hg <input type="checkbox"/> psi
		Fuel Tank 3			Cabin Air Temperature <input type="checkbox"/> °F <input type="checkbox"/> °C
		Fuel Tank 4			CO Detector (additional \$695)
		Fuel Tank 5			Local Time**
		Fuel Tank 6			Zulu Time**
		Oil Pressure <input type="checkbox"/> psi <input type="checkbox"/> bar			Engine Time**
		Oil Temp <input type="checkbox"/> °F <input type="checkbox"/> °C			Tach Time**
		Volts <input type="checkbox"/> 12V <input type="checkbox"/> 24V			Flight Time
		AMPS			Pressure Altitude and Vertical Speed Indicator
		2nd AMPS (includes FM-VA-3 Module)			<input type="checkbox"/> feet <input type="checkbox"/> meters (additional \$395)
		Vacuum Pressure <input type="checkbox"/> psi <input type="checkbox"/> "Hg			Other Annunciators/Status Indicators, Quantity***: _____

** 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 screen.

***All annunciators/status indicators count towards the total displayable functions. Use the following pages to configure these.

Aircraft Tail #:

AMPS (if selected)	Measurement of: <input type="checkbox"/> Battery Current <input type="checkbox"/> Alternator Current <input type="checkbox"/> Generator <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.	

2nd AMPS (if selected)	Measurement of: <input type="checkbox"/> Battery Current <input type="checkbox"/> Alternator Current <input type="checkbox"/> Generator <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.	

Fuel Flow (if selected):	Total Usable Fuel: _____ Units: _____ (if not specified, US Gallons will be used) Default Full Level 2: _____
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Fuel Tank Configuration (if selected)		Units:	Choose US Gallons, Liters, Pounds, or Bri/Imp Gallons	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 5 Name:	Usable Fuel Level:	Units:	Type:	
Fuel Tank 6 Name:	Usable Fuel Level:	Units:	Type:	

Fuel Tank Sensor Type:	<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*
Bus Voltage:	<input type="checkbox"/> 12V <input type="checkbox"/> 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)

Annunciators

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 for your annunciators.

Name (9 Character Max)	Pilot or Aircraft Activated?	ON-State Color (Red, Yellow, Green, Blue)	ON-State Voltage (12V, 24V, Bus, 0V, Ground or Open)	OFF-State Voltage (12V, 24V, Bus, 0V, Ground or Open)

CHT Probe Type (if selected): <div style="border: 1px solid black; padding: 2px; 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) <input type="checkbox"/> P-101 CHT Probe with A-101 adaptor (Add \$16 charge for adaptor: Yes <input type="checkbox"/> No <input type="checkbox"/>)
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TIT Probe Type (if selected):	<input type="checkbox"/> Hose Clamp (E.I. Model: P-110R) <input type="checkbox"/> 1/4" NPT (E.I. Model: P-114) <input type="checkbox"/> 1/8" NPT (E.I. Model: P-111) <input type="checkbox"/> 7/16-20 (E.I. Model: P-112)
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Status Indicators			
Each status indicator or function requires a VI-221 interface, these are included in each instrument kit. Please ensure that there are adequate channels on your EDC-33P to support your functions.			
Select	Function	Voltage to the EDC: LIGHT ON	Voltage to the EDC: LIGHT OFF
\$995 Gear Status Option - Airspeed Always Included			
<input type="checkbox"/> Option 1:			
	Nose Gear Down		
	Main Left Gear Down		
	Main Right Gear Down		
	Gear Unsafe Light		
<input type="checkbox"/> Option 2:			
	Gear Down Combined (provides signal for all gear indications, or use the individual functions above)		
	Gear Unsafe Light		

Select	Function	Voltage Range For Trim
	Rudder Trim (OEM or Experimental Only)	
	Elevator Trim (OEM or Experimental Only)	
	Aileron Trim (OEM or Experimental Only)	
	Flap Position (OEM or Experimental Only)	

I (the undersigned) have entered and verified all 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 ensure 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 MVP-50P and flying the aircraft.

Completed by: **Owner** **Pilot** **Technician** **Other** _____

Printed Name

Signature

Date

Hand Signature or Encrypted Digital Signature required.