



General Information			
Customer Name:		Aircraft Make:	
Email:		Aircraft Model:	
Phone:		Engine Make:	
Aircraft Serial #:		Engine Model:	
Standard wire length shipped with all instruments is 8 feet. Extend to 12 feet cable length. (\$250 additional charge) Extend to 20 feet cable length (\$500 additional charge)		Other certification options: 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).

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 #	Function & Units (if applicable)	Function #	Function & Units (if applicable)
1	RPM		Carb Temp <input type="checkbox"/> °F <input type="checkbox"/> °C
2	EGT - All Cylinders °F °C		TIT <input type="checkbox"/> °F <input type="checkbox"/> °C (For turbo-charged aircraft)
3	CHT - All Cylinders °F °C		Hydraulic Pressure <input type="checkbox"/> psi <input type="checkbox"/> bar
	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		G-Meter (Does not have Peak Hold feature.)
	Fuel Pressure for Turbocharged A/C <input type="checkbox"/> psi <input type="checkbox"/> bar		OAT in °F
	Fuel Flow, Gravity Feed, No Fuel Pump		OAT in °C
	Fuel Flow, A/C w/Fuel Pump		Horsepower (Requires MP)
	Fuel Flow, A/C w/Pressure Carb		CDT <input type="checkbox"/> °F <input type="checkbox"/> °C (For turbo-charged aircraft)
	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		CO Detector (additional \$595)
	Fuel Tank 4		Local Time**
	Fuel Tank 5		Zulu Time**
	Fuel Tank 6		Engine Time**
	Oil Pressure <input type="checkbox"/> psi <input type="checkbox"/> bar		Tach Time**
	Oil Temp <input type="checkbox"/> °F <input type="checkbox"/> °C		Flight Time
	Volts <input type="checkbox"/> 12V <input type="checkbox"/> 24V		Pressure Altitude and Vertical Speed Indicator
	AMPS		feet meters (additional \$395)
	2nd AMPS (includes FM-VA-3 Module)		Other Annunciators/Status Indicators, Quantity: _____
	Vacuum Pressure <input type="checkbox"/> psi <input type="checkbox"/> "Hg		All annunciators/status indicators count towards the total displayable functions. Use the following pages to configure these.
	Airspeed <input type="checkbox"/> kts <input type="checkbox"/> mph <input type="checkbox"/> kph		

** Local Time, Zulu Time, Engine Time and Tach Time are built in and are displayed in a submenu. Continued on page 2
 You may still select them as functions to display on the main screen. --->

Aircraft Tail #:

AMPS (if selected)	Measurement of: <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.	

2nd AMPS (if selected)	Measurement of: <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.	

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)			Feed or Transfer?
Fuel Tank 1 Name:	Usable Fuel Level:	Type:	
Fuel Tank 2 Name:	Usable Fuel Level:	Type:	
Fuel Tank 3 Name:	Usable Fuel Level:	Type:	
Fuel Tank 4 Name:	Usable Fuel Level:	Type:	
Fuel Tank 5 Name:	Usable Fuel Level:	Type:	
Fuel Tank 6 Name:	Usable Fuel Level:	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? <input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> E.I. P-300M Magnetic Sensor		Quantity: _____ (\$496/sensor)	
<input type="checkbox"/> 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; margin-top: 5px;">For additional probe options contact E.I. Support</div>	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)
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TIT Probe Type (if selected):	Hose Clamp (E.I. Model: P-110R) 1/4" NPT (E.I. Model: P-114) 1/8" NPT (E.I. Model: P-111) 7/16-20 (E.I. Model: P-112)
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Status Indicators			
Select	Function	Voltage to the EDC: LIGHT ON	Voltage to the EDC: LIGHT OFF
\$995 Gear Status Option - Airspeed Always Included			
Option 1:			
	Nose Gear Down		
	Main Left Gear Down		
	Main Right Gear Down		
	Gear Unsafe Light		
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.