



General Information			
Customer Name:		Email:	
Aircraft (A/C) Make & Model:		A/C Tail #:	
Engine Mfr & Model:		# of Cylinders:	
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.	

**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.**

**\*\*\* Closeup color photos of the primary gauges in your aircraft panel (helpful but not required).**

**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 [ ] °F [ ] °C
2	EGT - All Cylinders [ ] °F [ ] °C		TIT [ ] °F [ ] °C
3	CHT - All Cylinders [ ] °F [ ] °C		Hydraulic Pressure [ ] psi [ ] bar
	Manifold Pressure		IAT [ ] °F [ ] °C
	Fuel Pressure (Must have Fuel Pump) [ ] psi [ ] bar		G-Meter (Does not have Peak Hold feature.)
	Fuel Pressure for Turbocharged A/C [ ] psi [ ] bar		OAT in °F
	Fuel Flow, Gravity Feed, No Fuel Pump		OAT in °C
	Fuel Flow, A/C w/Fuel Pump		Horsepower (Requires MP, RPM, EGT)
	Fuel Flow, A/C w/Pressure Carb		CDT [ ] °F [ ] °C
	Fuel Tank 1		Cabin Pressure [ ] psi [ ] kft [ ] "Hg
	Fuel Tank 2		Cabin Differential Pressure [ ] "Hg [ ] psi
	Fuel Tank 3		CO Detector (additional \$495)
	Fuel Tank 4		Local Time**
	Fuel Tank 5		Zulu Time**
	Fuel Tank 6		Engine Time (Requires RPM)**
	Oil Pressure [ ] psi [ ] bar		Tach Time (Requires RPM)**
	Oil Temp [ ] °F [ ] °C		Flight Time (Requires RPM)
	Volts [ ] 12V [ ] 24V		Pressure Altitude (additional \$395) [ ] feet [ ] meters
	AMPS		Vertical Speed Indicator [ ] ft/sec [ ] m/sec
	2nd AMPS (includes FM-VA-3 Module)	<b>Other Annunciators/Status Indicators, Quantity:</b> _____	
	Vacuum Pressure [ ] psi [ ] "Hg	All annunciators/status indicators count towards the total displayable functions. Use the following pages to configure these.	
	Airspeed [ ] kts [ ] mph [ ] kph		

\*\* 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.

<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> _____ <b>Units:</b> _____ (if not specified, US Gallons will be used) <b>Default Full Level 2:</b> _____
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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:

<b>Fuel Tank Sensor Type:</b> <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*	
<b>Bus Voltage:</b> <input type="checkbox"/> 12V <input type="checkbox"/> 24V	*For Penny Cap & other probes contact E.I. Support to provide probe details.
<b>Fuel sensors are not included in the kit price. Do you need to purchase fuel sensors?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> E.I. P-300M Magnetic Sensor Quantity: _____ (\$395/sensor) <input type="checkbox"/> E.I. P-300C Capacitive Sensor Quantity: _____ (\$395/sensor)	

<b>CHT Probe Type (if selected):</b>	<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)
For additional probe options contact E.I. Support	

<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)
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**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 to 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)

**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: Gear UP (Example: 0V)	Voltage to the EDC: Gear DOWN (Example: 12V)
<input type="checkbox"/>	<b>Gear Combined</b> (provides signal for all gear indications, or use the individual functions below)		
<input type="checkbox"/>	<b>Nose Gear Individual</b>		
<input type="checkbox"/>	<b>Main Left Gear Individual</b>		
<input type="checkbox"/>	<b>Main Right Gear Individual</b>		
		<b>Voltage to the EDC: LIGHT ON</b>	<b>Voltage to the EDC: LIGHT OFF</b>
<input type="checkbox"/>	<b>UNSAFE Light</b>		
<b>Voltage Range for Trim</b>			
<input type="checkbox"/>	<b>Rudder Trim (OEM or Experimental Only)</b>		
<input type="checkbox"/>	<b>Elevator Trim (OEM or Experimental Only)</b>		
<input type="checkbox"/>	<b>Aileron Trim (OEM or Experimental Only)</b>		
<input type="checkbox"/>	<b>Flap Position (OEM or Experimental Only)</b>		

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 will incur a \$295 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.**