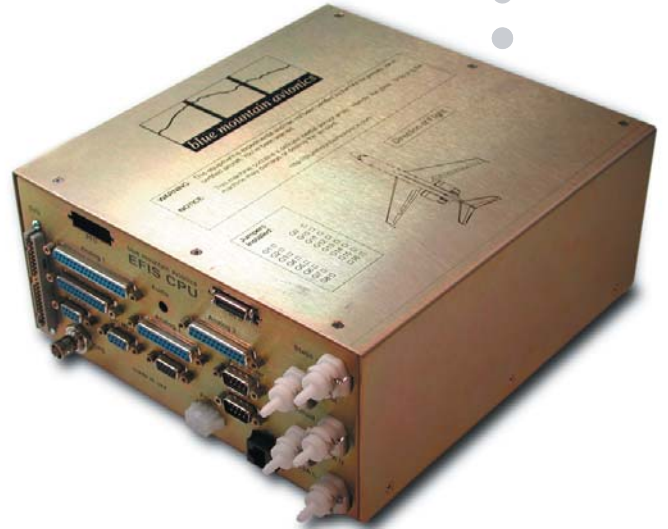


# EFIS/One

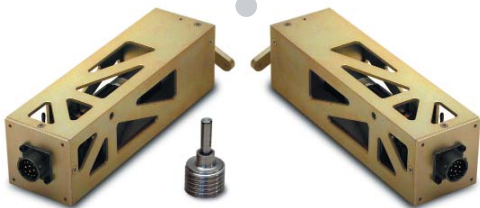


*affordable*

*easy to use*



*complete  
instrumentation package*



## EFIS for everyone...

Until now, EFIS vendors have managed to make the reality of the glass cockpit something that only the wealthy could afford.

Blue Mountain Avionics has changed all that by creating a high quality, highly accurate instrument package for your experimental aircraft. From RVs and turbine Lancairs to L39s, our internal AHRS unit performs at a level associated with systems costing tens of thousands of dollars more. Don't be fooled by inflated pricing.

## Complete Instrumentation

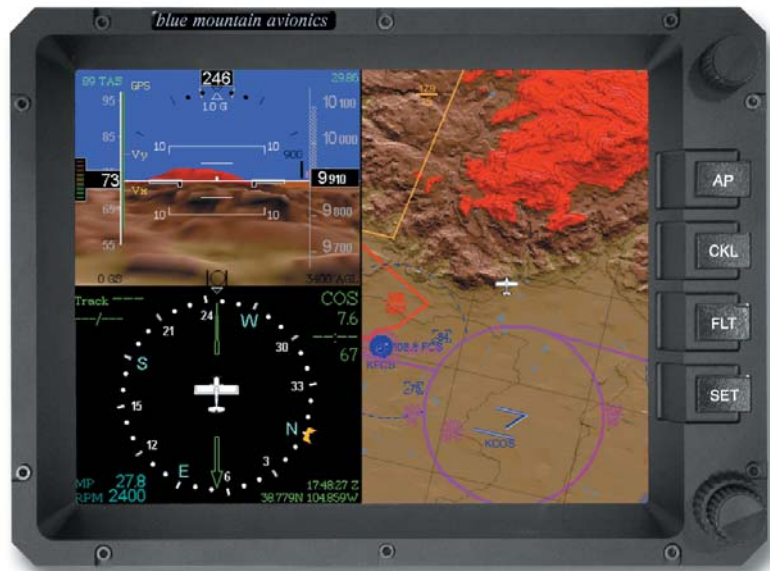
Blue Mountain Avionics' EFIS/One is a state-of-the-art, complete glass cockpit and includes all the features you would expect in systems costing much more. The system has solid-state instruments for: Airspeed, Altitude and VSI, magnetically slaved all-attitude compass, HSI, solid state AHRS (Attitude Heading Reference System), a 12 channel GPS navigation engine and the highest resolution 3D terrain available. There's also a built-in digital autopilot with altitude hold and ILS capture, a full airdata computer with fuel burn and fuel totalizing functions, a flight planning system and digital monitoring of up to 32 engine gauges. There's no more noise, no more spinning gyros and much less weight.

## Fly Safe, Fly EFIS

The BMA EFIS/One provides all flying instruments in a sunlight readable primary flight display (PFD). While looking at one area of the display- attitude, speed, altitude, vertical speed and height above terrain are instantly ascertained. Our ADI even shows you what the terrain looks like out the cockpit window with the most detailed terrain data available. The chance of controlled flight into terrain (CFIT) is reduced as terrain at or near your altitude is shown in red in the ADI and on the moving map.

## Simple to Install

Once the panel is cut and the processor is mounted, the system can be powered up in minutes. Just connect power, pitot and static and the system is running. Engine gauges can be connected later or data can be provided via a FADEC computer making installation even easier.



## Easy to Use

Most of the information needed for flight is permanently displayed. Engine gauges are displayed automatically or on demand by simply pressing a knob. All functionality is a simple button push away, the more common being assigned to the four buttons on the screen bezel.

## Flexible Customized Setup

The EFIS/One system is simple to customize. Just plug in a PC keyboard (provided) to set up the engine gauges to your liking, the V speed to your airplane and the check lists to your preference.



## Digital Autopilot

Included in the EFIS/One is a smart digital autopilot that has altitude hold, indicated airspeed hold, indicated vertical speed hold as well as the ability to track your heading bug, GPS flight plan, external VOR or GPS flight plan and capture the LOC/GS for flying the ILS. Unlike other autopilots, the EFIS/One does not need any setup, it's self-calibrating. As the digital AP is an integrated part of the EFIS/One system, it has access to all internal sensor data for making flights both precise and smooth. Safety is again increased compared to conventional systems. The autopilot monitors other parameters such as airspeed and does not let you set a climb/descent rate which results in your speed becoming too low or too high.

## Computerized Monitoring

Thousands of times a second the processing unit monitors your engine's performance and alerts you both audibly and visually to any abnormality on any of the 32 engine sensors. Alerts can also be triggered by trends, not just hard values, providing more time for you to analyze the situation and take corrective action.

## Angle of Attack (AOA)

As most Naval or Air Force aviators will tell you, an AOA indicator provides the best information to properly fly your aircraft, especially during approaches.

## Onboard Air Data Computer

EFIS/One monitors fuel flow(s), outside air temperature, pressure altitude, speed and flight plan data to display fuel remaining, fuel at flight plan fix, density altitude, true airspeed and winds aloft. Wind speed and direction are presented, in real time, within the HSI display.

## Not all Charts Are Equal

The EFIS/One screen provides a large moving map to display various choices of charts. Selecting VFR provides three dimensional high resolution terrain with airport, airways and navigational aids. Selecting Low Altitude Enroute or High Altitude Enroute provides charts similar to the equivalent paper charts. Interfaces to WSI weather and the WX500 provide you the information needed to plan ahead for safer flight.

## Flight Data Recorder

While flying, your EFIS/One can record all flight and engine data which can later be downloaded to your PC for analysis.

## It just gets better

As new software is developed it will be available for your EFIS/One as part of our subscription service. The EFIS/One is the only instrument in your panel that just keeps on getting better.



## Support

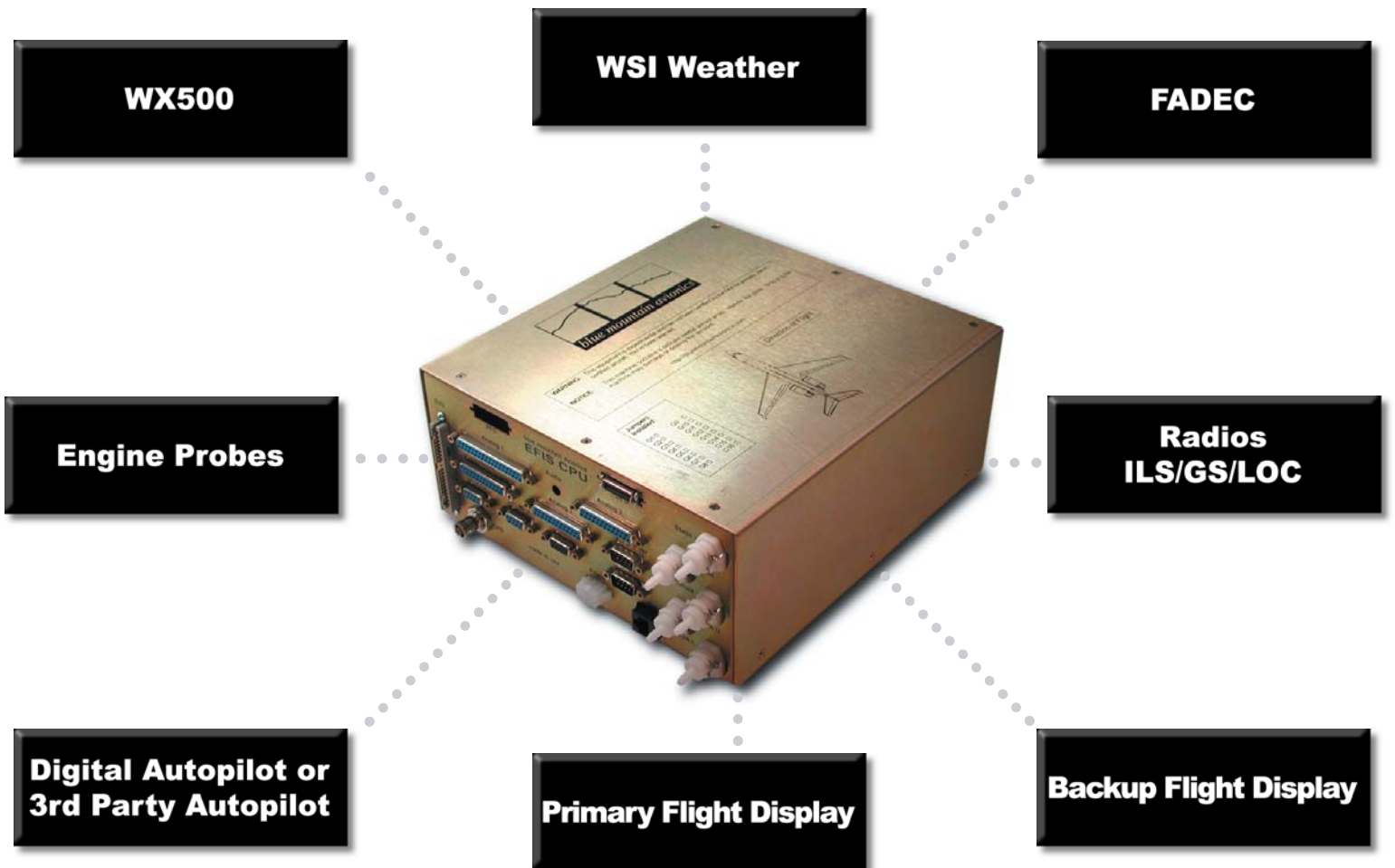
Our equipment is available from some of the industries finest avionics dealers, aircraft manufacturers or from Blue Mountain Avionics. Extended warranty and "road side assistance" programs are also available to get you up and running fast. Information is available 24/7 at our web site and is always being updated. Also located on our web site is an open forum for BMA customers to discuss their experiences and share ideas.

## System Includes:

EFIS/One Processor, 10.4" transfective LCD sunlight readable display, all inertial components, 12 Channel GPS receiver and antenna, magnetometer, CD or DVD drive for updates, all interconnect and power cables.

One L39 pilot states,

"Once you fly with an EFIS/One, you'll wonder how you ever flew without it."



To learn more about the EFIS/One or our revolutionary EFIS/Lite, please visit our web site at [www.bluemountainavionics.com](http://www.bluemountainavionics.com), or to arrange a demonstration, call us at 866 FLY-EFIS or drop an email to [sales@bluemountainavionics.com](mailto:sales@bluemountainavionics.com).

Specifications and functionality are subject to change.

[www.bluemountainavionics.com](http://www.bluemountainavionics.com)