



eMON™ by PCFlightSystems™

avionics, flight and engine control systems

Engine Monitor System

The eMON™ system converts a Compaq iPAQ PocketPC computer into a full function engine monitor and display system for experimental aircraft applications. eMON™ includes an engine transducer interface module which connects to engine transducers (uses standard engine transducers). The data is communicated to a Compaq iPAQ for display. A program is also provided which allows use of a personal computer to custom design the engine display gauges, including parameters to be monitored, labeling, display ranges and colors, and alarm limits. The following are a summary of just some of the functions provided by eMON™.

- Displays and records engine operating parameters
- Analog and digital readouts simultaneously displayed
- Color coded out of range parameter alerts
- Uses low cost PocketPC iPAQ with sunlight readable display
- Add new features (e.g. voice checklists and voice alarm options) by loading new software modules from the Internet
- Capable of logging over 4 Gigabytes of data onto a single memory module
- Check our website for many more details on this unique system

The PCFLIGHTSYSTEMS™ eMON™ is a low cost engine monitor system which uses a PocketPC computer as the display device. The following parameters, and more, can be displayed:

Engine RPM • Manifold Pressure • Percent Power • Fuel Pressure
Fuel Flow • Oil Temperature • Oil Pressure • Volts and Amps • CHT
Graphic Analyzer– up to 8 cylinders • EGT Graphic Analyzer – up to 8 cylinders • Fuel Levels for up to 8 tanks

PCFlightSystems™

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