WirelessKable

WirelessKable DEIS Solution Digital Engine Information System

Your Solution for Aircraft Obsolescence

With the passage of time and technological innovation, aircraft maintenance has become increasingly difficult because of obsolescent technology.

A replacement modification system can be very costly.

WirelessKable created a non-invasive modification to convert electro-mechanical engine indicators to digital engine indications.

The solution is based on predictable hardware functionality (PLD) using advanced FPGA technology without airborne software.

Not requiring DO-178; the cost and the time to market are significantly reduced, making our solution unique and affordable.

Our solution can accommodate one to four engines, such as Turboprop Engines, Jet Engines, Electric Engines, Hydraulics, Oil and Flaps Indicators.

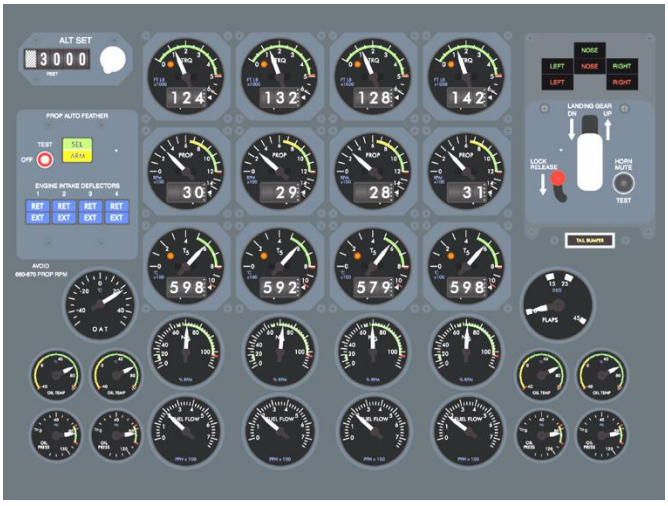
Customizable Solution.

Simple to install.

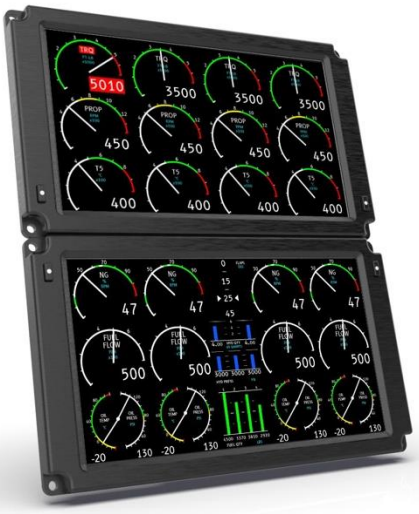
Flat Screen is easy to fit on the dashboard.

Excellent product support via remote support.

Electro-mechanical
Engine Information System
Obsolete



WK – Digital Engine Information System
Replacement Unit



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Our Technology

WirelessKable solutions is based on up-to-date technology that can reliably replace the obsolete electromechanical engine indicators with FPGA Embedded Architecture.

The time to market and cost of the modification is reduced significantly by the fact that we don't use any Airborne software, and DO-178 is not applicable.

All our hardware is developed in accordance with DO-254 and tested against the DO-160G norm.

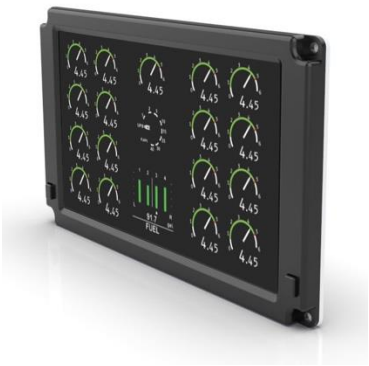
Electro-mechanical Engine Information System
Obsolete

- Non Invasive Modification
- Customized Engine Interface to fit existing Wires And Connectors
- Redundancy
- Low Power
- Interface with FDR

WK – Engine Interface

- CAN (ARINC 825)

WK – Engine Flat Screen



- RS-232 Fuel Information

3rd Party Digital Avionics