



FIELD
AVIATION

Benefits

Operational

- Improved situational awareness
- Provides clear, advanced navigation information while reducing pilot workload
- Additional approach and navigation capability
- Increases dispatch reliability
- Updates cockpit avionics to current technology

Economic

- Highly reliable solid state equipment
- Fewer LRUs with higher MTBUR means a reduction in maintenance cost
- Common fleet part numbers, resulting in decreased spares requirements
- Increases aircraft residual value
- Software-based growth/upgrade path

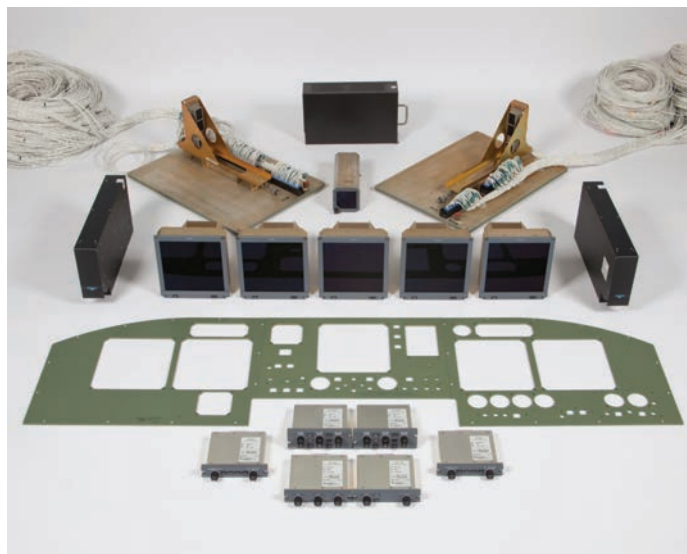
Kit Content

- Universal Avionics EFI-890R LRUs
- AMETEK Engine Interface Unit
- L-3 Advanced Standby instrument
- Prefabricated wiring kit
- Prefabricated instrument panels and avionics shelf
- Step by step integration instructions with installation support
- Pilot / technician differences training
- STC certification package

EFI-890R Flight Deck Modernization

DHC-8 100/200/300

The FIELD AVIATION EFI-890R Flight Deck Modernization is a state of the art replacement of the existing legacy mechanical (EFIS/analogue) cockpit instruments with five Universal Avionics EFI-890R high definition LCD flat panel displays. Four of the displays present the pilots with navigation information and the fifth (centre display) presents engine information. The system provides full redundancy by allowing information to be switched between the five displays.



Prefabricated integration kits, with step-by-step instructions, can be installed during scheduled maintenance at an approved facility.

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Typical Lead Time

- 12-16 Weeks ARO

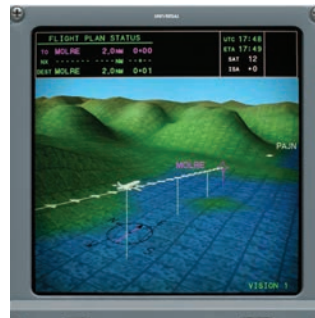
Certification Basis

- TC STC
- FAA STC
- EASA STC

EFI-890R Flight Deck Modernization

The Flight Deck upgrade is specifically designed for the retrofit market. Over thirty (30) existing mechanical instruments and indicators from the instrument panel alone are replaced with five LCD displays and one advanced stand-by indicator, in the basic upgrade kit. There is also an option to replace up to eight OEM control units with two new multifunction Radio Control Units. The system also provides a modular upgrade path for additional optional peripheral systems such as:

Vision-1® Synthetic Vision Systems



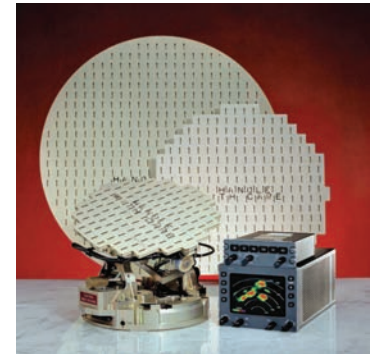
SBAS FMS with LPV Capability



Radio Control Unit



Weather Radar Replacement



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