



EFD-750 ELECTRONIC FLIGHT DISPLAY

Compact, high-performance electronic flight display.



L3Harris' next generation EFD-750 Electronic Flight Display is one of the most advanced backup systems designed specifically for turboprop, light jet and helicopter platforms. Compatible with existing digital navigational displays and GPS receivers, the EFD-750 is a configurable solution which provides pilots with a clear, high-resolution view mirroring the Primary Flight Display presenting airspeed, altitude, attitude and slip data.

The heading display is available through an existing digital heading source, or an optional low cost and compact MAG-500 magnetometer. It also provides night vision capabilities through a green-lit bezel providing pilots better situational awareness.

The EFD-750 utilizes an OEM or installer programmed data configuration module that stores all display and interface configuration data.



KEY FEATURES

- Mirrors PFD presenting airspeed, altitude, attitude and slip data
- Options for heading and navigation
- Certified to DO-178C and DO-254 Level A
- Compatible with existing digital NAV and GPS receivers
- High-resolution, 24-bit color display
- 3" round case for easy installation into existing panel cutouts
- Configurable airspeed V_{NE} and V_{MO} warning cues for Part 23, Part 25 and Part 27/29 aircraft
- Configurable Static Source Error Correction (SSEC) and Total Source Error Correction (TSEC) for pressure altitude and calibrated airspeed corrections
- Barometric Altimeter settings may be synchronized to the aircraft's primary display system to reduce pilot actions
- Supports night vision capabilities through ambient LEDs

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SPECIFICATIONS

Pack 50 years of standby experience in your panel.

EFD-750	
Weight:	Maximum 2.75 lb./1.25 kg
Interfaces (#):	ARINC 429 Inputs (5), ARINC 429 Output (1), RS-485 Serial Input (interfaces with MAG-500)(1), Analog Input (OAT) (1), Dimming Bus (1), I2C interface to the DCM-750 (1). Dimming Bus input is configurable as 5V, 14V, or 28V.
Power:	14 or 28 VDC electrical systems (10-32 VDC)
Navigation:	VOR/ILS or GPS Navigation or both
TSO:	C106, C113a, C201, C209
ETSO:	No ETSO marking on the Articles are required in accordance with FAA/EASA Technical Implementation Procedure (TIP) Rev 6 paragraph 3.3.3 "TSO/ETSO Articles".
Design:	DO-178C and DO-254 - Design Assurance Level A
TECHNICAL STANDARD ORDERS (TSO)	
TSO-C106 – Air Data Computer	
TSO-C113a – Airborne Multi-Function Displays	
TSO-C201 – Attitude and Heading Reference System (AHRS)	
TSO-C209 – Electronic Flight Instrument System (EFIS) Display	
EFD-750 – Software: DO-178C Level A, Hardware: DO-254 Level A	
MAG-500 – Hardware: DO-254 Level C	



HARDWARE

- Active Matrix Liquid Crystal Display with 3.5" diagonal viewable area
- Rotary knob to adjust altimeter and to scroll and select menu options
- Ambient light sensor to automatically adjust brightness
- Solid state internal sensors for attitude, rates and accelerations.
- Pitot/Static inputs, or digital Air Data Computer inputs, for airspeed, altitude, and Mach.
- Optional interface to MAG-500 for heading information
- MicroSD card slot on front bezel for field-loadable software and configuration updates
- Dimensions: 3.125" round case, 5.62" deep case behind panel (+0.66 connector)
- 9200-15754-0301 (with pitot/static ports, 1/8" ANPT, Green Lit Bezel, NVIS)

FLIGHT CREW DISPLAY

- Attitude and Slip/Skid
- Altitude, Airspeed, and Mach
- Heading or Track – (Optional)
- GPS and/or VOR/ILS Navigation (Optional)

CONTACT INFORMATION

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PILOT MENU OPTIONS

- Accessed by pressing the 'Menu' button
- The pilot menu list includes:
 - NAV Mode (VOR/ILS, GPS, Off) (When Nav enabled)
 - Set Course (When VOR/ILS)
 - Course Direct-To (When VOR)
 - Data Field On/Off (When Data Fields enabled)
 - Set Display Brightness
 - BARO Type (In, hPa, Mb)
 - BARO Sync (When configured for Baro Sync)
 - Metric Altitude On/Off (When configured for metric)
 - Attitude Alignment
 - System Status

EFD-750

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