L3HARRIS®
FAST. FORWARD.

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 flight display systems designed specifically to enhance situational awareness through OEM and pilot configuration options for turboprop, light jet and helicopter platforms. It meets the highest level of safety standard and processing requirements for today's advanced avionics and compatible with existing digital navigational displays and GPS receivers to provide pilots with a clear, high-resolution Flight Display.

The EFD-750 is ideal as a line-fit or retrofit solution providing advanced configuration and integration capabilities and selectable pilot menu options to present airspeed, altitude, attitude and slip data. It also provides night vision capabilities through a green-lit bezel providing pilots with superior situational awareness in darkness. Additionally, the Barometric Altimeter settings may be synchronized to the aircraft's primary display system to reduce pilot actions.

It reduces maintenance time by storing all display and interface configuration data in an OEM or installer programmed data configuration module for field-loadable software updates using the MicroSD card slot on the front bezel. Its heading display is available through an existing digital heading source, or an optional low cost and compact MAG-500 magnetometer.

DISCOVER MORE:

www.L3Harris.com/avionics

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
- High and low airspeed awareness (HSA & LSA) color bar for Part 27/29 rotorcraft
- Barometric Altimeter settings may be synchronized to the aircraft's primary display system to reduce pilot actions

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)

FLIGHT CREW DISPLAY

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

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

This document consists of basic marketing information that is not defined as technical data under EAR Part 772.

L3Harris Technologies is the Trusted Disruptor for the global aerospace and defense industry. With customers’ mission-critical needs always in mind, our more than 50,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains.

L3HARRIS®
FAST. FORWARD.

1025 W. NASA Boulevard
Melbourne, FL 32919
t (800) 253-9525 | (616) 949-6600
www.L3Harris.com/avionics