

CREWMATE™ 840

CLASS 2 ELECTRONIC FLIGHT BAG



The CrewMate™ 840, the next generation in Class 2 Electronic Flight Bags, delivers a high-resolution LCD display, is thin and lightweight and its portability allows for off-aircraft operation. Running a Microsoft Windows™ environment that allows for ease of use, the CrewMate™ 840 is the premier EFB on the market.

KEY FEATURES

- 8.4" High-Resolution AMLCD Enhanced for Sunlight Readability
- Extra-Wide Viewing Angle
- Infrared Touch Screen Works with Gloved Hands
- Extremely Low Reflection/Glare
- Multiple Wired and Wireless Interfaces
- Portable, Off-Aircraft Operation
- Crosstalk functionality with Dual EFB Installations
- Portrait and Landscape Viewing
- Rugged Metal Docking Cradle with Quick Release Latch



Display Systems

CREWMATE™ 840

CLASS 2 ELECTRONIC FLIGHT BAG

DISPLAY UNIT SPECIFICATIONS

DISPLAY CHARACTERISTICS

Display	8.4" Diagonal AMLCD; Sunlight Readable
Resolution	XGA (1024 x 768)
Color Depth	16.7 Million Colors
Orientation	Portrait or Landscape
Contrast Ratio	400:1
Viewing Angles	±80° Horizontal, ±80° Vertical (in Portrait)
Luminance	1000 NITS max.; <1 NITS min.
Touch Screen	Infrared for Reduced Reflection; Anti-Reflective Coating
Interfaces	USB 2.0 (2); Ethernet (1); Wi-Fi; Bluetooth®

PROCESSING

Processor	Intel® Core Duo 1.8 GHz; 400 MHz Front Side Bus
RAM	1 GB, expandable to 2 GB
Flash Drive	32 to 64 GB Solid State Flash Memory
Operating System	Microsoft Windows™ XP Pro

PHYSICAL

Housing	Composition of Aluminium Rear Housing and Polycarbonate Alloy Front Housing; High Temperature and Impact Resistant
Weight	4.0 lbs.
Dimensions	6.6" (w) x 1.7" (d) x 8.5" (h)
Mounting	Rear or Bottom Mountable

ELECTRICAL

Power	Input from AIU or External Universal 115/230 VAC Charger; 40 Watts max.; Voltage Protection
Battery Backup	1.0 Hour Battery; Universal Charger

AIRCRAFT INTERFACE UNIT SPECIFICATIONS

DU Interfaces	USB 2.0 (2), Ethernet (2), 15 VDC
Interfaces	RS-232, RS-422, Ethernet, and ARINC 429 Receive
ARINC 429	Receive Only
Video Input	RS-170A NTSC
Weather	WSI Weather Module
Power	28 VDC; 60 Watts max.; Voltage Protection
Weight	2.4 lbs.
Dimensions	6.0" (w) x 9.0" (l) x 2.62" (h)
Housing	Sheet Metal Aluminium; Textured Paint Finish



The Aircraft Interface Unit allows the CrewMate™ EFB to receive electrical power and data from the aircraft.

Display Systems

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communications
Display Systems

L-3. Headquartered in New York City, L-3 Communications is a prime contractor in aircraft modernization and maintenance, C³ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, subsystems and systems.

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