



Pilot View[®]

The OEM-Preferred Class 2 Electronic Flight Bag Solution



- Avionics grade hardware, DO160D qualified, certified to FAA and EASA Class 2 EFB regulations
- Highest screen resolution in category, exceptional sunlight readability and fully dimmable
- Pilot friendly, portable and self-contained display/processor can be used on or off the aircraft
- Multiple communication interfaces to facilitate several modes of data entry and application updates

Esterline  **CMC Electronics**

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Side-mounted installation

PilotView CMA-1100 MkII is the new standard for CMC's line of Electronic Flight Bag (EFB) systems. The PilotView CMA-1100 MkII EFB System comprises the Electronic Display Unit (EDU) and Enhanced Expansion Module Unit (EEMU).

Retaining the proven design of the CMA-1100, the CMA-1100 MkII EDU's enhanced CPU processor and advanced data controller results in performance improvements and reduced boot time. RAM has been almost doubled, and the display dimming range is now lowered to provide the optimum night operations environment.

Several new EEMU product configurations have been introduced to address further aircraft interface requirements and offer increased flexibility, while providing identical form/fit and EDU compatibility to previous EEMUs. Interfaces such as ARINC429, RS422, and additional discrete inputs/outputs have been incorporated as standard items in the new baseline EEMU (-007).



8.4" EDU w/ keyboard open

Key Features

- Compact and lightweight display/processor provides optimum flexibility and mobility; fully functional un-docked or off-board aircraft
- Film-on-glass touch-screen, FMS-style line select keys, integrated keyboard
- Superior readability in all conditions and highest resolution EFB display in category; brightest screen: true 0.5 to 800 nits luminosity range
- Intel® Centrino Mobile processor provides superior graphics generation and multi-application task switching
- Built-in WiFi communications (802.11 a/b/g) and GPRS / 3G capability

PilotView CMA-1100 MkIIE

Readability: Quantum improvement in display quality. Users will experience exceptional sunlight readability on top of the high-end performance experienced with the PilotView EDU. Enhanced dimming range provides full night - 0.5 nits to sunlight – 1,000 nits.

Responsiveness: The CMA-1100 MkIIE package includes the CMA-1100 MkII 1.4Ghz processor, enhanced disk access and 16GB solid state memory, resulting in speedy boot times and increased application execution time.

Power Management: Optimized power management functions will reduce consumption for both the display and processor to increase battery autonomy.

Installation Commonality: The PilotView CMA-1100 MkIIE is associated with a new EDU part number (100-601982-000) and operates with any existing EEMU and PilotView Installation. The PilotView CMA-1100 MkIIE package is also available to current PilotView owners as a combined upgrade.



Introducing the new PilotView® CMA-1410

Building on the success of the proven CMA-1100, the new PilotView CMA-1410 EFB features a 10.4 inch display/processor and several capability improvements in the areas of readability and responsiveness. The 10.4 inch PilotView will be plug-and-play interchangeable with the current PilotView 8.4 inch display installation.

The lightweight and self-contained CMA-1410 features a compact display processor. Its high-performance LED backlit display provides superior readability in all conditions. The film-on-glass touch-screen and simple bezel layout provide quick access to specific functions and applications. The CMA-1410 takes advantage of all key features found in the CMA-1100 MkII.

PilotView Comprehensive Applications and Integration Support

Baseline Windows® XP platform accepts a multitude of both published and customized third party software applications. There are several CMC applications available to optimize information communication, data downloading and pilot collaboration in the cockpit. Most 3rd party applications such as Jeppesen, WSI, Ultramain and other leading suppliers have been tested and integrated for use with PilotView.

Application Offerings and Options

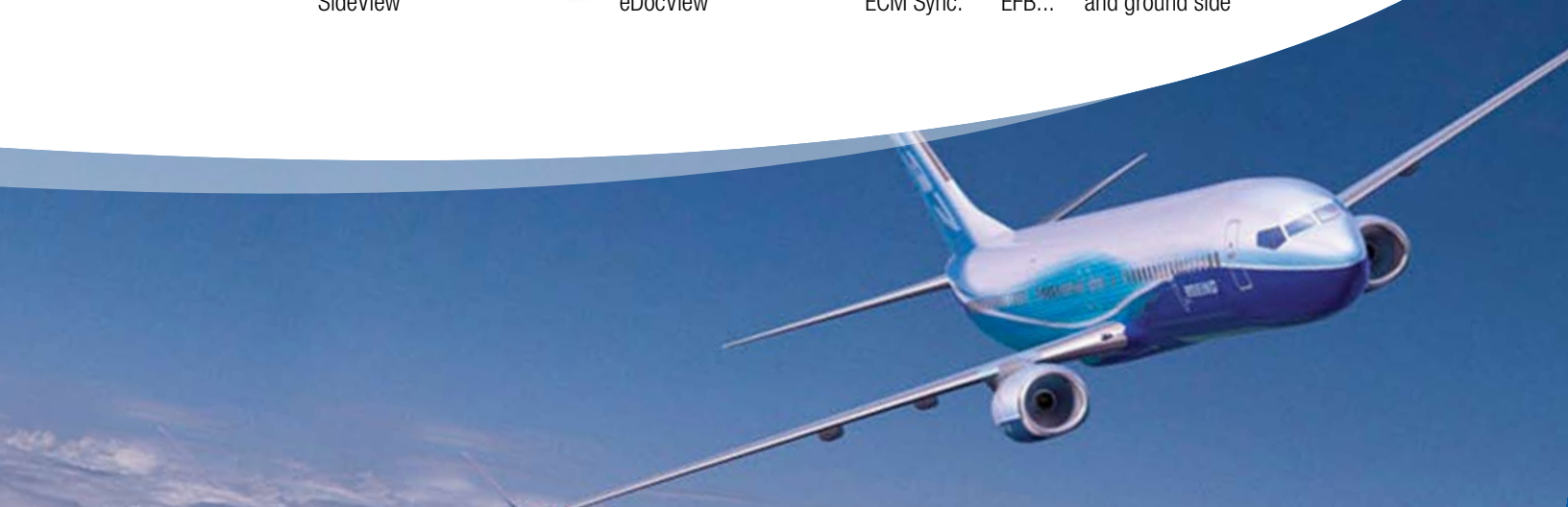
- Each PilotView EDU is delivered with Windows XP Pro, CMC's Main Menu, Setup Tools and Note Taker
- Currently available Optional Applications include:
 - SideView*: provides instantaneous view of the other pilot's screen
 - eDocView**: PDF, HTML format browser for Operator and OEM documentation
 - ECM Sync***: EFB and ground tool enabling all data to be current at all times



SideView*

eDocView**

ECM Sync.*** EFB... and ground side





PilotView® Interfaces and Connectivity

	Electronic Display / Processor Unit			Enhanced Expansion Module Unit
	CMA-1100	CMA-1100 MkII	CMA-1410	EEMU 245-604170-VAR
Size	8.5" H x 6.1" W x 1.5" D 216mm x 155mm x 38mm	8.5" H x 6.1" W x 1.5" D 216mm x 155mm x 38mm	8.0" H x 9.6" W x 1.6" D 244mm x 203mm x 41mm	1.9" H x 6.9" L x 5.1" W 175mm x 130mm x 48mm
Weight	3.5 lb / 1.6 kg approx	3.5 lb / 1.6 kg approx	4.0 lb / 1.8 kg approx	2.0 lb / 0.9 kg approx
Display	8.4" diagonal AMLCD XGA (768x1024), CCFL Backlit	8.4" diagonal AMLCD XGA (768x1024), CCFL Backlit	10.4" diagonal AMLCD XGA (768x1024), LED Backlit	
Power In	Conditioned 18VDC via EEMU; Dual Lithium Batteries (40 min); 110/220VAC Power Adapter	Conditioned 18VDC via EEMU; Dual Lithium Batteries (40 min); 110/220VAC Power Adapter	Conditioned 18VDC via EEMU; Dual Lithium Batteries (40 min); 110/220VAC Power Adapter	22-30VDC, nominal 28VDC
Power Consumption	75W max, 36W nominal	75W max, 36W nominal	75W max, 36W nominal	20W max, 14W nominal
Storage	8 GB Flash (16/32 GB option)	16 GB Flash (32 GB option)	16 GB Flash (32 GB option)	40 GB HDD (option)
Interfaces	2.0 USB ports (2); IEEE 802.11 a/b/g Wireless LAN; PCMCIA Type II Card Slot	2.0 USB ports (2); IEEE 802.11 a/b/g Wireless LAN; PCMCIA Type II Card Slot	2.0 USB ports (2); IEEE 802.11 a/b/g Wireless LAN; PCMCIA Type II Card Slot	2.0 USB ports (2); Ethernet 10/100 Base-T RJ-45; RS232 (1), RS422 (1); ARINC 429 Tx, TxRx; Discrete I/O (4/2); Video RS-170/NTSC (option)
Processor	1.1 GHz Intel® Centrino Mobile; 1MB Integrated Level 2 Cache	1.4 GHz Intel® Centrino Mobile; 2MB Integrated Level 2 Cache	1.4 GHz Intel® Centrino Mobile; 2MB Integrated Level 2 Cache	
Memory	1 GB ECC DDR	1 GB ECC DDR	1 GB ECC DDR	

PilotView Contacts

CMC's EFB products for Business and General Aviation are sold through our worldwide dealer network.

For the location of a dealer near you, please refer to our website for a complete listing.

For all other inquiries, please use the following contacts:

Sales & Marketing: loring.mackenzie@cmcelectronics.ca

Technical Support: www.cmcelectronics.ca/customer-support-request-form.aspx



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References to the various certification levels refer to planned certification. Please contact us for actual certified levels and schedules. For information purposes only. To accommodate product improvements, specifications are subject to change without notice.

PilotView 4-pager

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