High-Performance Integrated Helicopter Solutions (IHS)

Collaborative • Flexible • Scalable • Cost-effective

Flight Management Systems (FMS)
- CMA-9000 Commercial FMS
- CMA-4000 Military FMS

Displays
- MFD-3068
- RDU-3068
- RDU-3138 15"

Electronic Flight Bags (EFB)
- TACVIEW® (Rugged EFB)
- PILOTVIEW® (Commercial EFB)
- CMA-1310

Doppler Velocity Sensor
- CMA-2012

Mission Computer
- CMA-5024
- PU-3000

Global Positioning System (GPS) Sensors
- CMA-6024

Military FMS

Commercial FMS

Displays

Electronic Flight Bags (EFB)
Whether for military or commercial use, CMC Electronics’ portfolio of integrated helicopter solutions (IHS) is designed to optimize a flight crew's navigational and situational awareness. The solutions lend themselves to multiple levels of modernization, giving end users the flexibility to conduct a minor upgrade or full-scale customization based on their needs and budget.

CMC's avionics solutions for helicopters include:

**CMA-9000 FMS**
- Communication, navigation, surveillance/air traffic management (CNS/ATM) system provides flight management and multi-sensor navigation through all phases of flight
- Specialized functions reduce pilot workload during mission-critical applications
- Meets the latest standards for Required Navigation Performance (RNP) and Satellite Based Augmentation System (SBAS) approaches
- Integrated radio management system offers savings related to helicopter size, weight and power
- Night Vision Goggle (NVG) capability enables night-time operations

**Displays**
- MFD-3068: 6”x 8” smart multi-function display featuring next-generation MOSArt™ middleware with true 8-bit colour rendition. It sustains optical performance throughout its design lifetime and over extended operating temperatures.
- RDU-3068: 10.4” rugged display featuring true 8-bit AMLCD for superior colour rendering and FLIR imagery
- RDU-3138: 13” x 8” rugged display delivering superior visual performance with true 8-bit colour depth with high contrast ratio and excellent colour stability
- Very wide viewing angles and very good brightness in day, night and NVIS modes

**CMA-5024 GPS Landing System Sensor**
- Augments GPS, providing extremely accurate navigation through all flight operations from en route through GNSS and WAAS/SBAS localizer performance with a vertical guidance (LPV) CAT-1 equivalent approach
- Built-in VHF Data Broadcast (VDB) receiver allows for growth to GBAS

**TacView® Portable Mission Display and Mission Computer**
- TacView® Portable Mission Display (PMD) is a compact, self-contained mission computer designed specifically to enhance situational awareness for military, paramilitary, law enforcement, and civil aircrews
- The PU-3000 mission computer includes high-performance multi-core processing capability and is equipped with the ARINC 653 compliant MOSArt platform services capable of hosting multiple high-demanding software applications developed to varying design assurance levels (DAL), up to and including DAL A.

**Aircraft Information Server (AIS)**
- Bridges the connectivity gap across cockpit as well as navigation and maintenance systems
- Offers scalability and room for future growth
- Reduces the flight crew’s workload in all phases of flight

**Doppler Velocity Sensor CMA-2012**
- Ideally suited for helicopter hover and low-speed operations
- Excellent accuracy and performance combined into one compact, low weight unit