**Cockpit 9000**

Proven Modernization Solutions for C-130 and other Transport Aircraft

- Turnkey full-cockpit solution comprising best-in-class core elements
- Supports worldwide operation within latest civil airspace global air traffic management environment
- Enhanced mission effectiveness via advanced tactical features and mission management tools
- Attractive economics – already proven on C-130 platform

**Vast CMC Integration Experience**

- C-130 modernization presence with more than 10 international operators.
- Cockpit integration experience on numerous platforms, including Canada’s Maritime Surveillance CP-140 P-3; T-6B, M-311, KT-1C and Hawk Mk51 trainers; and classic B-747s.
- Complete array of support tools and services, including SIL, human factors, advanced training programs, full motion simulator, integrated logistics offerings.

For more information, visit www.cmcelectronics.ca or email us at sales@cmcelectronics.ca
Cockpit 9000 is a Scalable Advanced Cockpit Solution

- All-glass large-format high resolution display suite (up to 6 displays) with fully redundant architecture and night vision (NVIS) option.
- CMA-9000 Flight Management System (FMS) at the core, providing tactical mission features and a high accuracy/high integrity navigation solution based on multiple navigation sensors, including the industry’s most advanced CMA-5024 GPS Landing System (GLS).

Open Architecture Proven Avionics Hardware

Operator Benefits

- Capability of worldwide aircraft operation within latest civil airspace global air traffic management (GATM) environment.
- Enhanced mission effectiveness due to a wealth of advanced FMS tactical features (incl. SAR, HARP, CARP and refueling) as well as powerful TacView mission management tools.
- Significantly lower operational and support costs due to higher equipment reliability, lower maintenance costs as well as enhanced human factors and safety.
- Capacity provisions for future GATM enhancements such as datalink and GPS Localizer Performance with Vertical guidance (LPV) Cat-I equivalent approaches.

Core Elements

- Flight Displays
  Cockpit 9000 is based on an all-glass large-format display suite of up to 6 displays. Architecture includes full dual redundancy. Solution uses high resolution high viewing angle displays, with night vision (NVIS) option.

- CMA-9000
  The CMA-9000 family of compact Flight Management Systems is well suited for modern digital cockpits in fixed and rotary wing aircraft for both civil and military applications. It is the next-generation FMS derived from CMC’s successful CMA-900 FMS/GPS and CMA-3000 helicopter FMS.

- TacView®
  TacView Portable Mission Display is a compact, self-contained computer and smart display system designed specifically to enhance situational awareness for military aircrews. It is a cost effective, rapidly deployable COTS system with the processing power enabling numerous mission-enhancing applications on fixed and rotary wing aircraft.

- Global Positioning System Receiver
  The high-performance CMA-5024 aviation Global Positioning System Wide Area Augmentation System (GPS WAAAS) sensor provides Satellite Based Augmentation System (SBAS) and GPS primary means navigation as well as GPS approach capability for all aircraft categories.

- Enhanced Vision System Sensor
  CMC’s integrated Enhanced Vision System (EVIS) sensors is the right choice – whether you want to take advantage of operational credits or simply to increase situational awareness. CMC’s EVIS sensors are packaged in a single, lightweight enclosure, and their performance is designed to meet your needs.

Tactical Mission Features

- SAR patterns
- CARP/HARP
- Rendezvous, orbit
- Tanker functions
- Moving waypoints
- User database download
- DMAP and radar waypoints
- Tactical approaches
- Tactical direct-to guidance

Chart © Jeppesen Sanderson, Inc. 2008. Chart is for illustration purposes and not to be used for navigation.
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