

CT - 1000G



An Electronic Flight Bag Made For The Pros

The CT-1000G is the answer to professional pilots' need for an easy-to-use, purpose-built electronic flight bag.

- Improved situational awareness in all phases of flight.
- Supports moving maps, customizable checklists. Engineered for Jeppesen® JeppView FliteDeck® charting.
- Optimized pre-flight planning and in-flight organization – reduced paper and clutter.
- Training opportunities with integrated CD-ROM.
- Compact, lightweight, rugged design.

- Bright and clear display for use in all cockpit lighting environments.
- Intuitive, one-touch, line-select keys for ease of use in flight.
- DO-160D tested display and Power Interface Unit (PIU) facilitates aircraft installations.

Ports for USB, serial devices and keyboard. Battery backup. Yoke and side mount options.

In the cockpit and at the FBO, the CT-1000G is the professional electronic flight bag solution.

To learn more about the CT-1000G, visit our website: www.cmcelectronics.ca



CT - 1000 G

FLIGHT - DECK ORGANIZER

The dream of the paperless cockpit has been alive for sometime. Now, CMC Electronics' CT-1000G Flight-Deck Organizer using the JeppView™ CD-ROM based electronic chart service makes the concept of the paperless cockpit a reality.



Whether yoke or console mounted, you'll find the CT-1000G intuitive, very fast, and easy to read. Upon start-up, the CT-1000G automatically adjusts to the cockpit's light level. In all lighting conditions, the CT-1000G's bright

The CT-1000G will make your flight management time more productive while drastically reducing the time you spend keeping your approach charts current. And, once the CMC Electronics' CT-1000G is linked to the aircraft's GPS, the software will significantly increase the pilot's situational awareness by displaying the aircraft's location on the electronic approach chart, airport diagram, and moving map.

CMC Electronics' CT-1000G answers every pilot's need for an all-in-one, multifunction flight-deck organizer. It runs on a Windows® 95/98 platform, giving you the maximum flexibility of software programs to increase your efficiency both in and out of the aircraft. The CT-1000G contains a high-powered processor, built-in CD-ROM, dual PCMCIA slots, with RS-232 and USB ports incorporated in a rugged aluminum housing.

sunlight-readable screen is unsurpassed. Whether in a high ambient light environment or in a cockpit with subdued lighting, the screen readability of the CT-1000G is crisp and clean.

During flight, the CT-1000G can interface with the on-board GPS to run moving-map software or terrain-avoidance software*, access weather services, and select your approach charts for your destination and alternate airport information utilizing Jeppesen's JeppView™ electronic chart service. The CT-1000G also has the ability to display manuals, MELs, and emergency procedures.

CMC Electronics' CT-1000G has already made the concept of a paperless cockpit a reality. It can also make you a more efficient pilot, crew member or flight operations manager. For more information, see our website at www.cmcelectronics.ca





Main Menu
EMS-type menu for easy selectability of functions. CT-1000G screens are fully customizable to the customer's equipment requirements.



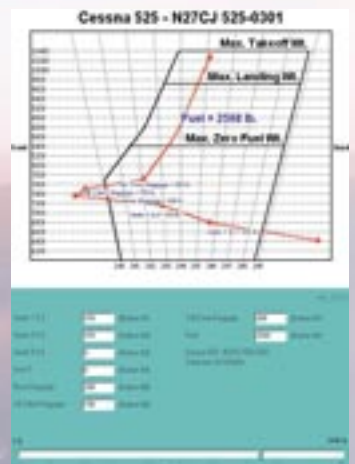
Moving Map
Provides the aircraft's GPS position in a moving map format on the CT-1000G's screen. Selects airports, VORs, NDBs, and SUAs.



Check List
Fully customizable for any aircraft to display pre-flight, normal, and emergency checklists. Multiple-unit installations can be synchronized, allowing flight crew a visual cross-check.



Weight & Balance
Customizable for individual aircraft through CMC Electronics software upgrades.



CT-1000G

Cockpit ready, high-performance Class 2* electronic flight bag provides extended end-user application support and on-board connectivity options.

RTCA DO-160D Environmental Conditions and Test Procedures for Airborne Equipment for both CT-1000G and PIU

Environment	Section	Category	Remarks
Temp & Altitude	4	A1	(Oper Temp range -12C to +40C)
Temp Variation	5	C	(Oper Temp range -12C to +40C)
Humidity	6	A	Passed
Oper. Shock & Crash Safety	7	A	Passed (partial test performed)
Magnetic Effect	15	B	Passed
Power Input	16	B	Passed
Voltage Spike	17	B	Passed
Audio Frequency Suscep.	18	B	Passed
Induced Signal Suscep.	19	Z	Passed
RF Suscep. (Rad. & Cond.)	20	T	Passed
Emission of RF Energy	21	M	Passed

The function of the Power Interface Unit (PIU) is to:

- Connect the CT-1000G* to conditioned aircraft power and provide battery back-up
- Provide serial port interface for GPS information input
- Provide interface for optional keyboard
- Provide USB capability for USB capable printers, interfacing with an external modem for internet connectivity or a network adapter for networking multiple CT-1000Gs



* FAA AC 120-76

TWO-YEAR LIMITED WARRANTY

Specifications

Display

- RESOLUTION: 800 x 600 (SVGA) X 256 colors
- DISPLAY SIZE: 5.10" x 3.83" (6.4" diagonal)
- BRIGHTNESS: 800+ nit, dimmable backlighting
- DRIVER: Trident 9320 with 1Mb video RAM, portrait and landscape modes

Processor

- PROCESSOR: Pentium®
- CACHE: 256K L2
- MEMORY: 64Mb RAM
- OPERATING SYSTEM: Windows 98®



CT-1000G yoke mount.

Integrated Peripherals

- STORAGE: hard drive
- CD-ROM: 24X
- PORTS: 1 serial, 1 PS/2 keyboard
- PCMCIA: 1 Type-II (16 bit)
- MOUSE: Interlink Versapad, two button
- USB Port: (PIU)
- PEN: Mutoh active pen technology
- FUNCTION KEYS: 12 function keys
- OTHER KEYS: Zoom, dim, bright and other functions
- INTERNAL COOLING FAN: 3.2 CFM rated



The CT-1000G carry-on kit offers a secure leg strap and extended battery back-up.

Physical Features

- CT-1000G SIZE: 7.75" x 5.32" x 1.79"
- PIU SIZE: 5.33" x 5.33" x .84" (with 6" base mount)
- HOUSING: Machined aircraft-grade aluminum
- FINISH: Black anodized
- POWER: 10 to 30 VDC, 18W (25W peak)
- WEIGHT: 3.30 lbs. (1.475 kg)



The CT-1000G comes with a wedge affixed to the rear case which can easily and securely slide into a receptacle mounted on the yoke or other locations in the cockpit.

CMC electronics

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