

for THE COCKPIT OF THE FUTURE



EC-100

ELECTRONIC CHECKLIST AND CAUTIONARY SYSTEM

ENHANCE YOUR COCKPIT

WITH THIS ADDITION TO THE VM-1000

ENGINE MONITORING SYSTEM

- **ENGINE CAUTION ADVISORY SYSTEM**

SAFETY - Warns you both visually and audibly of important engine and system conditions.

COST SAVINGS - Helps protect your investment in your aircraft's engine by alerting you to potentially harmful conditions.

- **ELECTRONIC AIRCRAFT CHECKLIST**

SAFETY - Easy to use checklist is always available at your fingertips to encourage its use. You are interactive with the checklist rather than just reading a sheet of paper.

- **ENGINE PARAMETER DISPLAY**

REDUNDANCY - Gives you a secondary engine parameter display. This may be used as a back seat display.

UTILITY - Provides you with additional enhanced engine and system information at the touch of a button.

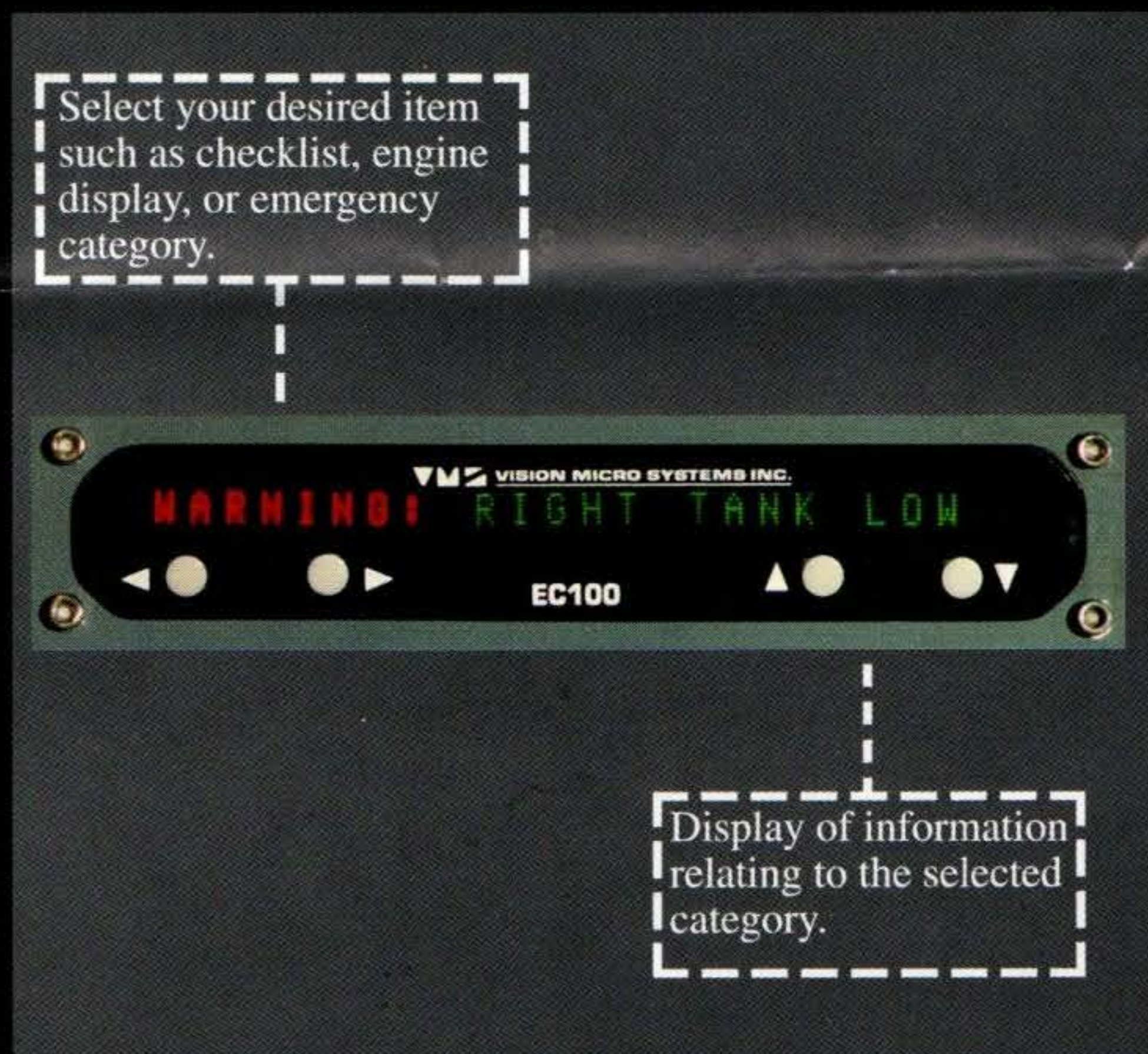


EC-100

"The Pilot Information System of the Future"

The **EC-100 Electronic Checklist and Cautionary System** has a full color, easy to read alpha/numeric display that provides you with an array of information about your engine and aircraft operating parameters.

The **EC-100** electronic checklist is designed around the operating characteristics of your aircraft which are installed at the factory. It includes a number of emergency situation checklists such as "ENGINE OUT" that are available at the pilot's fingertips in those moments when the cockpit workload is greatest.



FEATURES:

- **Engine Caution Advisory System** - The EC-100 is designed to work in conjunction with the VM-1000 monitoring system and alerts you to abnormal conditions or trends in your engine operating parameters. There are over 40 alerts and warnings built into the EC-100 with visual and audible warnings and alarms.
- **Electronic Checklist System** - A truly innovative and easy to operate system. Checklist categories are arranged logically, making it easy and natural to select them. The front panel pushbuttons allow you to move easily forward or backward to select your category of choice. There are two main areas and numerous sub-categories to select from.
- **Aircraft Operational Checklist** - These checklists are for the operation of the aircraft. They include categories such as "ENGINE START", "RUN-UP", "TAKEOFF", "CRUISE", "DESCENT" and many more.
- **Emergency Checklists** - Hopefully you will never have to use these, but if you do it is reassuring to know they are easily accessible in an emergency. Categories include: "ENGINE OUT", "ELECTRICAL FIRE", "ENGINE FIRE", and "GEAR EXTENSION".
- **Engine Parameter Display** - The EC-100 is designed to allow you to display logical groups of engine information and serve as a backup for the VM-1000 display. Virtually all engine parameters are available for viewing on the EC-100. For example you may want to monitor the EGT DIFFERENTIAL while testing the magnetos, or perhaps FUEL FLOW and FUEL HOURS on a cross country flight. You can quickly change to whatever group you wish to monitor.

For more information and price list contact:



VISION MICROSYSTEMS INC.

ADVANCED ELECTRONIC INSTRUMENTATION