

A. Maintenance Menu Page Overview

- LRU STATUS – Displays a list of current (MDC detected) non-functioning LRU's and their status.
- LRU FAULT HISTORY – Displays a list of all stored LRU faults, in the MDC memory, for the last 50 flight legs.
- LRU DIAGNOSTIC DATA- Displays a list of all LRU's and the current bit patterns of the diagnostic words of each LRU.
- ENGINE EXCEEDANCE HISTORY- Displays a list of all engine exceedances for the past 50 flight legs.
- ENGINE TREND HISTORY – During each flight leg the MDC stores in its memory a list of selected engine parameters (called a snapshot) The MDC can store up to 50 snapshots.
- LIFE CYCLE DATA- Displays the number of thrust reverser cycles and the engine operating hours.
- DISK OPERATIONS – In conjunction with the data loader, is used to upload or download MDC files.
- CLOCK SET OPERATION – Used to set the MDC internal clock. Normally, the MDC uses the aircraft clocks for time reference. If the aircraft clocks fail, the MDC internal clock is used.
- AIRCRAFT IDENT SET OPERATION- Used to set aircraft identification for the LRU's.
- FCC DIAGNOSTICS – Displays instructions to put flight control system into diagnostic mode.
- CENTRAL STRAPPING UNIT CONFIG-Used to check the configuration of the integrated avionics processor system (IAPS) computers.

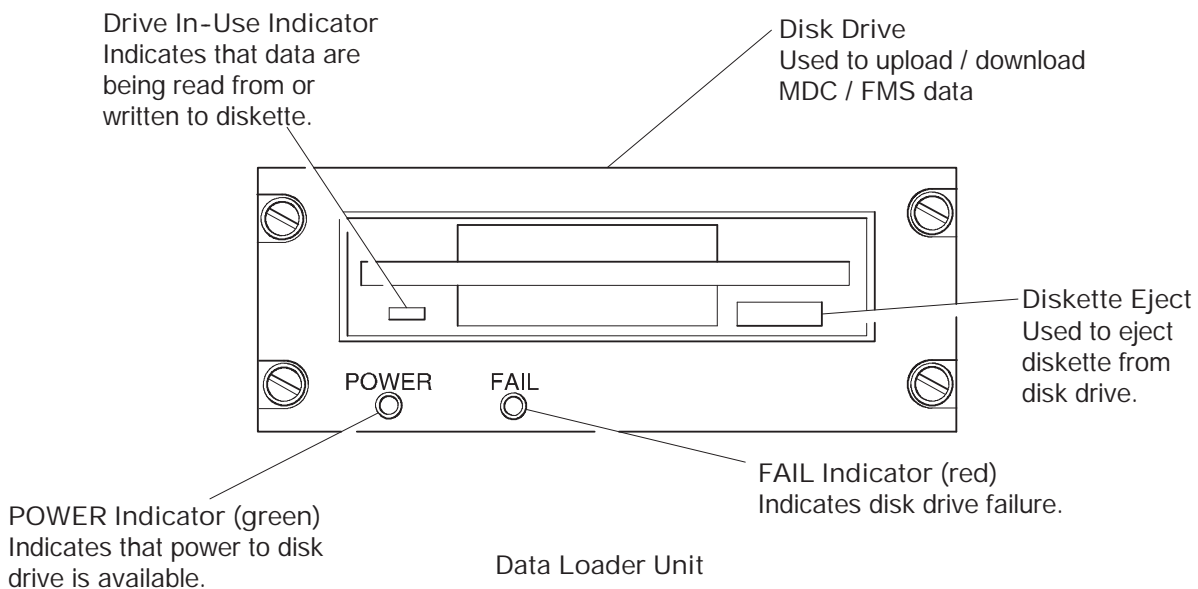
When in the MDC mode, the Display Control Panel buttons function as follows:

- BRG1 (upper) – used to move the cursor UP, or to scroll backward.
- BRG2 (lower) – used to move the cursor DOWN, or to scroll forward.
- RDR – used to select a line, or to switch the display format from binary to hexadecimal.
- TFC – used to return to the menu page.
- NAV SOURCE – used to display computer word labels.

B. Data Loader Unit

The data loader is a portable unit that plugs into a connector on the copilots bulkhead below circuit breaker panel No. 2. Through the download function from the MENU page, the unit enables the transfer of data files, between DOS-compatible diskettes and applicable aircraft systems. The data loader unit provides the capability to format disks, read directories and read/write files.

The data loader is mounted between the galley and the aft side of the copilots bulkhead. Through the download function from the MENU page, the unit enables the transfer of data files, between DOS-compatible diskettes and applicable aircraft systems. The data loader unit provides the capability to format disks, read directories and read/write files. <0018>



NOTE
Indicators are not dimmable.

Data Loader Unit <0018>
Figure 02-40-2

Canadair Regional Jet 100/200 - Aural, Visual Indicating & Recording

C. System Circuit Breakers

SYSTEM	SUB-SYSTEM	CB NAME	BUS BAR	CB PANEL	CB LOCATION	NOTES
Maintenance Data Computer	MDC	IAPS LEFT MDC	DC BUS 1	1	H2	
		IAPS LEFT FMS/ MDC <0024><0050>				