

MAINDEC-11-DZF-

NEW NUMBER = DZCMA

CM11 Diagnostic Test

ABSTRACT

This test is to be used as a card reader diagnostic for the PDP-11 with the CM11 Card Reader. It tests all logic functions of the card reader, and includes an exerciser for alphanumeric, binary, and checkerboard test decks. A separate starting address allows the error sensing functions of the reader to be checked. Another starting address tests special decks which have all columns and cards punched or marked identically, to aid in diagnosing special problems.

REQUIREMENTS

PDP-11
CM11 Card Reader

STORAGE - Z - 15100

LOADING - Load with Absolute Loader

EXECUTION TIME - Depends on which test is being done. Easily monitored if watching the cards feed thru the reader.
- Bell will ring at end of pass.

STARTING PROCEDURE - Load one test deck in the card reader input hopper.
Press motor start and read start.
Set switch register to starting address.
Load address.
Set switches all down.
Press start.
When the input hopper is empty the program will hang waiting for an interrupt from the card reader. Load one or more test decks into the input hopper. Pressing "MOTOR START" and "READ START" on the card reader should cause program execution to resume. This entire sequence is necessary to run the full test on the card reader.

COMMENTS - Note that certain switch settings may cause errors to occur although the reader is functioning correctly. See the document section (4,1) before using any switch register settings other than all switches down.