

DataGeneral

**TECHNICAL
STATEMENT**

TEXT LISTING

068-000065-07

PROGRAM

CASSETTE RELIABILITY TEST

TEXT TAPE

097-000065-07

ABSTRACT

THE TAPE CASSETTE RELIABILITY IS A MAINTENANCE PROGRAM
INTENDED FOR RIGOROUS TESTING OF A SYSTEM THAT HAS
SUCCESSFULLY RUN THE DIAGNOSTIC TEST AND THE TIMING
TEST.

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:*****
: NAME: CTREL.TX          PART NUMBER: 094-000065
:
: DESCRIPTION: CASSETTE RELIABILITY TEST
:
: REVISION HISTORY:
:
: REV.      DATE
: 00      09/08/72
: 01      11/01/72
: 02      01/23/73
: 03      03/29/73
: 04      04/25/73
: 05      10/31/74
: 06      02/05/74
: 07      05/28/76
:
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:*****
: TAPE CASSETTE RELIABILITY PROGRAM
:*****

:1.ABSTRACT
: THE TAPE CASSETTE RELIABILITY IS A MAINTENANCE
: PROGRAM INTENDED FOR RIGOROUS TESTING
: OF A SYSTEM THAT HAS SUCCESSFULLY RUN
: THE DIAGNOSTIC TEST AND THE TIMING
: TEST.
:
:2.MACHINE REQUIREMENTS
: NOVA(EXCEPT MICRO) OR ECLIPSE PROCESSOR
: 4K READ/WRITE CORE MEMORY
: TELETYPE
:
:3.SWITCH SETTINGS
: 3.1 STARTING ADDRESSES
: 200 RELIABILITY TEST
: 501 INTERCHANGE TEST (RD&WT)
: 502 INTERCHANGE TEST (RD ONLY)
: 505 TEST LOOP BUILDER
: 3.2 TO CHANGE DEVICE CODE
: LOAD 202 IN SWITCHES AND START.
: PROGRAM WILL PRINT OUT PRESENT DEVICE
: CODE AND THEN WAIT FOR NEW DEVICE CODE.
: A CARRIAGE RETURN PRESERVES PRESENT DEVICE
: CODE, AND TYPING NEW CODE WITH CARRIAGE
: RETURN CHANGES CODE TO THAT SPECIFIED.
: PROGRAM WILL PRINT MESSAGE VERIFYING THAT
: THE DEVICE CODE HAS BEEN SET TO THE NEW
: VALUE, AND THEN WILL HALT. RESTART PROGRAM
: AT ONE OF THE TEST ADDRESSES ABOVE TO
: CONTINUE TESTING.
:
: 3.2 CONTROL
: SW2=INHIBIT TTY OUTPUT
: SW5=OUTPUT TO LPT
: SW7=DDON'T PRINT PARITY ERRORS
:
:4.OPERATING PROCEDURE
: LOAD PROGRAM USING THE BINARY LOADER OR DIAGNOSTIC
: OPERATING SYSTEM.
:
: 4.1 RELIABILITY TEST
: SET WRITE ENABLE FOR ALL UNITS TO
: BE TESTED. START. ERRORS WILL BE
: REPORTED ON THE TELETYPE
:
: 4.2 INTERCHANGE TEST (RD&WT)
: MOUNT TAPES ON ALL UNITS TO BE TESTED
: AND SET THEM IN WRITE PERMIT.
: MANUALLY REWIND ALL UNITS AND THEN START.
: WHEN ASKED BY PROG. REMOVE TAPES AND
: MOUNT ON UNIT TO THE RIGHT. ERRORS
: ARE REPORTED ON THE TELETYPE

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0007 .MAIN

**00000 TOTAL ERRORS, 00000 PASS 1 ERRORS