TEXT LISTING
068-000033-02

PROGRAM
MULTIPROCESSOR COMMUNICATIONS
ADAPTER 4038 DIAG.

TEXT TAPE
097-000033-02

ABSTRACT
THIS IS A MAINTENANCE PROGRAM TO TEST AND AID IN DIAGNOSING
A 4038 MCA. IT RUNS WITHOUT THE MCA BUS CONNECTED.

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NAME: MCA4039D,TE
PART NUMBER: 097-08053

1. DESCRIPTION: MULTIPROCESSOR COMMUNICATIONS ADAPTER 4038 diagnostic
2. REVISION HISTORY:

3. SWITCH SETTINGS

4. OPERATING PROCEDURE

5. TURN OFF POWER ON ALL EQUIPMENT

6. PLUG IN MCA 4038 BOARD

7. DISCONNECT MCA BUS EXTERNAL CABLES

8. ATTACH TERMINATOR TO EXTERNAL CABLE CONNECTOR

9. TURN ON POWER

10. LOAD THIS PROGRAM VIA BINARY LoADER

11. ON DIAGNOSTIC OPERATING SYSTEM

12. AFTER DEPOSITING A NON-ZERO NUMBER IN LOCATION JMPR5

13. IF JUMPER M5 IS ON THE MCA BOARD

14. SET SWITCHES AT 200

15. IF LOADED BY BINARY LOADER

16. PRESS RESET

17. PRESS START

18. ALLOW PROGRAM TO RUN UNTIL "PASS" HAS BEEN TYPED TWICE OR MORE.
15. PROGRAM OUTPUT AND ERROR DESCRIPTION
EXAMINE THE LISTING TO DETERMINE IF OTHER AC CONTENTS ARE IMPORTANT. THE OPERATION MAY CHANGE SWITCH SETTINGS AT THIS TIME.
IF DESIRED, IF SWITCHES 1 AND 2 ARE ZERO (OFF) PRESSING CONTINUE WILL CAUSE A TTY PRINT-OUT OF THE ERROR LOCATION(S) ALONG WITH LPT OUTPUT.
THE ROUTINE WILL ENTER A LOOP SUITABLE FOR SCOPING.
WHEN THE PROGRAM IS IN A SCOPE LOOP, SETTING SWITCH 3(1) WILL CAUSE THE FAILURE MATE TO BE PRINTED. SETTING SWITCH 3(1) WILL CAUSE THE PROGRAM TO PROCEED TO THE NEXT TEST.

16.0 CHANGING DEVICE CODES
THE DEVICE CODES FOR THE XMITTER/RECEIVER MAY BE AUTOMATICALLY CHANGED TO THE ALTERNATE VALUES AS FOLLOWS:
1. START PROGRAM AT LOC 200
2. PROGRAM WILL Halt AND ASK YOU TO SET SWITCHES.
IF DEVICE CODES ARE TO BE CHANGED DO THE FOLLOWING.
3. ENTER INTO AC0 THE OLD XMITTER CODE
4. ENTER INTO AC1 THE NEW XMITTER CODE
5. PUT SWITCH 7 TO A ONE(1)
6. PRESS CONTINUE
THE PROGRAM WILL CHANGE ALL THE PERTINENT DEVICE CODES AND START EXECUTING THE DIAGNOSTIC.

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