

1401 DATA PROCESSING SYSTEM  
**DIAGNOSTIC FUNCTION TEST**

PLACE THE PUNCHED CONTROL CARD AFTER THE LAST CARD OF THE METER TEST DECK.

2. ASSIGNABLE UNITS SUCH AS 1009, 1405, AND 1311 REQUIRE NO I/O INSTRUCTION TO ACTIVATE THEIR RESPECTIVE METER. SEE RUNNING PROCEDURE.

**RUNNING PROCEDURE**

1. RECORD ALL METER READINGS BEFORE, AND AT THE COMPLETION OF THE TEST. THIS MUST BE DONE IN ORDER FOR THE CUSTOMER TO OBTAIN CREDIT.
2. MAKE ALL SELECTED I/O UNITS READY AS FOLLOWS-

- 1402 -BLANK CARDS IN THE PUNCH HOPPER
- 1403 -FORMS, ANY CARRIAGE TAPE WITH HOLE IN CHANNEL 1.
- 1404 -T CASTING TO CARD FEED SIDE WITH BLANK CARDS IN HOPPER
- 1011 -LOAD ANY PREPUNCHED TAPE
- 1012 -READY STATUS
- 1418 -10 OR MORE DOCUMENTS OF ANY TYPE IN THE HOPPER
- 1428 -10 OR MORE DOCUMENTS OF ANY TYPE IN THE HOPPER
- 1419 -10 OR MORE DOCUMENTS OF ANY TYPE IN THE HOPPER
- 1412 -10 OR MORE DOCUMENTS OF ANY TYPE IN THE HOPPER
- TAPES -LOAD SCRATCH TAPES ON ALL DRIVES TO BE SELECTED.

ASSIGNABLE UNIT METER SWITCHES ON AND UNITS IN READY STATUS. 1009 MUST BE IN CHARACTER-PHASE AND READY.

3. SET CPU METER TO CE MODE.
4. LOAD THE PROGRAM. IF THE SELECTION CTRL CARD IS USED, PLACE IT AFTER THE LAST CARD OF THE PROGRAM DECK.

IF THE SELECTION CONTROL CARD IS NOT USED, MANUALLY ENTER SELECTION DIGITS AFTER THE PROGRAM HANGS-UP ON A CARD READ INSTRUCTION. PRESS START RESET AND START KEYS OR MANUALLY RESTART AT LOCATION 413.

5. AFTER THE PROGRAM ACTIVATES ALL SELECTED I/O DEVICES IT WILL HALT.

NOTE -- READ TRANSPORT MUST BE EMPTY AFTER THE PROGRAM IS LOADED.

6. RECORD ALL METER READINGS.
7. PRESS START KEY. THE PROGRAM WILL LOOP FOR 0.02 HRS -72 SEC- AND COME BACK TO THE SAME HALT. CHECK THAT ONLY THE CE METER HAS ADVANCED EXACTLY .02 HOURS. PRESS START KEY TO REPEAT THE LOOP.
8. SET CPU METER TO CUSTOMER MODE. PRESS START KEY. ALL METERS EXCEPT CE METER SHOULD ADVANCE 0.02 HRS. REPEAT TIME LOOP AS DESIRED BY PRESSING START KEY

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