

1401 DATA PROCESSING SYSTEM
DIAGNOSTIC FUNCTION TEST

ENABLE DISABLE CONDITIONS FOR EACH I/O METER

THE REMAINING PORTION OF THE TEST IS SECTIONALIZED BY UNITS. THESE SECTIONS ARE DESIGNED TO GIVE A COMPLETE TEST OF THE METER CIRCUITRY ASSOCIATED WITH EACH DEVICE. STEPS WHICH ARE ALSO DONE IN THE FIRST PART ARE FLAGGED WITH AN ASTERISK. THESE STEPS NEED NOT BE REPEATED.

1402 METER CHECK-OUT

THE FOLLOWING PROGRAMS ARE AUTOMATICALLY LOADED WITH THE MAIN PROGRAM.

900 M 932 936	940 I	960 B
907 M 1	941 B 941	961 B 961
909 I		
910 A 932 936		
917 B 900 933 2		
925 B 910		
929 0001		
933 0001		

1. PUT BLANK CARDS IN THE READ HOPPER ONLY. START PROGRAM AT 940. CPU AND 1402 METERS SHOULD RUN. PRESS STOP. BOTH METERS STOP.
- 2. SWITCH TO CE MODE ON THE 1401 METER PANEL. PRESS START. ONLY THE CE METER SHOULD RUN. PRESS STOP. SWITCH BACK TO CUSTOMER MODE.
3. OPEN FRONT AND SIDE COVERS ON 1402. TURN OVERRIDE INTERLOCK SWITCH ON. TURN LINE-SWITCH TO OFF-LINE. PRESS START. ONLY CPU METER SHOULD RUN. PRESS STOP. TURN LINE-SWITCH TO ON-LINE. TURN OVERRIDE INTERLOCK SWITCH OFF. CLOSE COVERS.
4. CHECK THAT THE METER RUN LINE DOES NOT DROP OUT, BY STARTING THE PROGRAM AT 900. SCOPE THE OUTPUT OF THE 400 MILLISECOND SINGLE SHOT. THE OUTPUT SHOULD REMAIN ON.
5. REMOVE CARDS FROM THE READ SIDE. START THE PROGRAM AT 941. ONLY CPU METER SHOULD RUN.
- 6. REMOVE CARDS FROM THE READ SIDE. PUT BLANK CARDS IN THE PUNCH SIDE. START PROGRAM AT 960. CPU AND 1402 METER SHOULD RUN.
- 7. RUN CARDS OUT OF THE PUNCH SIDE. ONLY CPU METER SHOULD RUN.

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