CUSTOMER ENGINEERING TESTS
FOR THE 1401 DATA PROCESSING SYSTEM

MOVE RECORD

Purpose of Test

To test the Move Record circuitry by moving a record with interspersed word marks from one storage area to another and making three tests as follows:

1. Word Marks in the A-Field of the Move Record instruction have not been transmitted to the B-Field.
2. Word Marks in the B-Field have not been affected.
3. Remove interspersed word marks and compare the "Result Should Be" with the "Result Is."

Errors in any one of the three tests will branch to an error print routine and, depending upon the setting of Sense Switch E, will either stop the machine to permit console checking or print the results.

Units Required

1401 Processing Unit
1402 Card Reader or 729 Tape Drive
1403 Printer (optional)

Operations Used	Code
Clear	(/)
Set Word Marks	(,)
Test Character & Branch	(B------1)
Branch	(B)
Load	(L)
Move Record	(P)
Test for Word Mark and Branch	(V------1)
Clear Word Marks	(M)
Compare	(C)
Print	(2)
Stop (error)	(.)

Method of Test

The complete test block consists of the following cards:

1. Title Card (0A)
2. Two Program Chaining Routine Cards (02-03)
3. Three Title and Headings Print Routine Cards (04-06)
4. Four special program cards to set up instructions that are effective only when tests are run from tape (07-10)
5. Program Instruction Cards (11-49)
6. Detail Cards (50-60)