CUSTOMER ENGINEERING TESTS
FOR THE 1401 DATA PROCESSING SYSTEM

Block No. 1010B

PRINT WORD MARKS

Purpose of Test

To test the Print Word Marks circuitry by setting four word marks in print positions 201, 234, 267, and 300 at the start of the test, and progressively adding four more until 132 word marks have been set and printed; then clearing the word marks four at a time in a similar pattern until all word marks in the print area have been cleared. The printed result will show four parallelograms which can be visually checked for symmetry and vertical/horizontal print alignment.

Units Required

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

Operations Used	Code
Clear	(/)
Set Word Marks	(,)
Clear Word Marks	(≡)
Move Digit	(D)
Move	(M)
Load	(L)
Add	(A)
Compare	(C)
Print Word Marks	(2≡)
Print Word Marks & Branch	(2---≡)
Branch	(B)
Stop	(.)

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 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 (11-54)

Two Sense Switches may be brought into play as follows:

Sense Switch B ON - permits scoping of Print Word Marks operations as often as desired.

Sense Switch D ON - repeats the program for the entire test as often as desired.