CUSTOMER ENGINEERING TESTS
FOR THE 1401 DATA PROCESSING SYSTEM

MOVE ZONE

Purpose of Test

To test the Move Zone circuitry by moving the zones in the A Field into an alphanumerical B Field and comparing the result with the Result Should Be Field. For unequal conditions the machine either stops to permit console checking or prints the results depending upon the setting of Sense Switch E.

Units Required

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

Operations Used   Code

    Clear   (/)
    Set Word Marks   (,)
    Load   (L)
    Move Zone (with chaining)   (Y)
    Compare   (C)
    Branch   (B)
    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 (11-46)
    6. Detail Cards (47-55)

Four Sense Switches may be brought into play as follows:

    Sense Switch B   ON - permits scoping of the Move Zone operations
                          as often as desired.
    Sense Switch C OFF - no printing for correct results.
                     ON - prints for correct results.
    Sense Switch D   ON - repeats the program for an individual card as often
                          as desired.
    Sense Switch E OFF - prints for error results.
                     ON - stops for error results.