CUSTOMER ENGINEERING TESTS
FOR THE 1401 DATA PROCESSING SYSTEM

Block No. 9999A

# BRANCH ON LAST CARD

## Purpose of Test

To test Sense Switch A for last card operations. The program is divided into three operations as follows:

1. ON and cards in the hopper.
2. ON and no cards in the hopper.
3. OFF and no cards in the hopper.

## Units Required

1401 Processing Unit
1402 Card Reader

| Operations Used | Code |
|---|---|
| Set Word Marks | (,) |
| Load | (L) |
| Branch | (B---A) |
| Branch | (B---B) |
| Add | (A) |
| Test Character & Branch | (B------4) |
| Stop (error) | (.) |
| Stop (program) | (.) |

## Method of Test

The complete test block consists of the following cards:

1. Title Card (0A)
2. Set Word Marks Card for Loading Routine (02)
3. Program Instruction Cards for first operation (3-14)
4. Program Instruction Cards for second operation (15-23)
5. Program Instruction Cards for third operation (24-35)

NOTE: This test can be chained but other tests cannot be chained after it.

Two Sense Switches are brought into play as follows:

Sense Switch A ON - to control last card operations.
OFF - to test program without cards in the hopper.

Sense Switch B ON - permits scoping of correct or incorrect results for all three operations as desired.