CUSTOMER ENGINEERING TESTS
FOR THE 1401 DATA PROCESSING SYSTEM

Block No. 1050A

PRINT-PUNCH

Purpose of Test

To test the Print-Punch circuitry by printing 20 lines and punching 20 cards from a stored table in ripple fashion.

Units Required

1401 Processing Unit
1402 Card Reader-Punch
1403 Printer

Operations Used	Code
Clear	(/)
Set Word Marks	(,)
Load	(L)
Read	(1)
Add	(A)
Move	(M)
Test Zone & Branch	(V------2)
Compare	(C)
Branch	(B)
Print-Punch	(6)
Print-Punch & Branch	(6---)
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. Instruction Cards (07-42)

NOTE: There are no detail cards in this test. The 60-character table is loaded from constant cards 39-41. The table consists of the following punchable characters:

Alphabet	26	
Numerals	10	
Special Characters	18	(includes 6 non-printable characters)
Blanks	6	
	60	

Two Sense Switches may be brought into play as follows:

Sense Switch B ON - permits scoping of the Print-Punch operations for one line as often as desired.
Sense Switch D ON - repeats the program for the entire test as often as desired.