CUSTOMER ENGINEERING TESTS
FOR THE 1401 DATA PROCESSING SYSTEM

Block No. 3500B

READ-PUNCH RELEASE

Purpose of Test

First, to test the Start Read Feed (read release) circuitry by utilizing maximum processing time (31 ms) between successive read cycles. During this part of the test, cards should feed at maximum speed (800 cards a minute).

Second, to test the Start Punch Feed (punch release) circuitry by utilizing maximum processing time (59.5 ms) between successive punch cycles. During this part of the test, cards should feed at maximum speed (250 cards a minute).

Units Required

1401 Processing Unit
1402 Card Reader
1403 Printer (optional)

Operations Used	Code
Clear	(/)
Set Word Marks	(,)
Load	(L)
Test Character & Branch	(B------?)
Add	(A)
Read	(1)
Move & Zero Suppress	(Z)
Start Read Feed	(8)
Punch	(4)
Start Punch Feed	(9)
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 Print Routine Cards (04-06)
4. Program Instruction Cards (07-46)
5. 50 Detail Cards punched with Block No. and Card Nos. only (47-96)

Sense Switch B may be used for scoping if desired.

This test must be run separately in the following manner:

1. Place the test deck in the Card Read Hopper.
2. Place over 50 blank cards in the Card Punch Hopper.
3. Manually set a "1" in S52 if title print is desired.
4. Press Start Key.