The program is executed in the following manner:

After clearing the read area and setting a word mark in Location 001, a Read instruction is executed to feed the first detail card. The information in the read area is then transferred to the punch area and the print area. Location 001 is next tested for No-Zone. If Zone in 001 the program proceeds to Print-Read-Punch. If No-Zone the program branches to a Print-Read-Punch and Branch instruction. A failure to branch will stop the machine.

The B421 instruction in the standard Program Chaining Routine (Locations 357-360) is changed to B429 by moving digit "9" in Location 486 to replace the digit "1" in Location 360. This change will by-pass the Read Op (1) instruction used to feed the first detail card.

Since the Print-Read-Punch instruction used in the main body of the program provides card feeding, the Read instruction in the standard Program Chaining Routine (Location 348) normally used to feed cards is also by-passed. Testing for the next program is therefore accomplished by branching to Location 349 instead of 348.

Checking Procedure

The 20 cards punched in this test should be exact duplicates of the 20 detail cards (28-47) furnished with the test deck and should also agree with the list produced by the program.