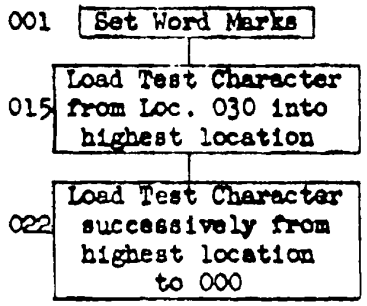
Card Columns and Read-In Locations	INSTRUCTIONS OP	A	B	Remarks
1-7	,	008	015	Set Word Marks in Locations 008 and 015.
8-14	,	022	029	Set Word Marks in Locations 022 and 029.
15-21	L	030	T99	Load test character (blank) in 030 and word mark in 029 into Locations T99 (1399) and T98 respectively.
22-28	L	T99	T98	Load test character in T99 into T98 and clear word mark in T98. Since there is now no word mark in T98 to stop the operation, the test character will load successively from T98 to T97, from T97 to T96, etc., and finally from 001 to 000. The machine stops with a Storage Address Error Indication.
29				Word Mark for second Load Op.
30				Location of test character.

Checking Procedure

Manually check storage position 001. If blank (C-bit only), it may be assumed that all other positions are blank, but it is advisable to check other positions at random, for example 1300, 1200, 1100, etc. If cards 03, 05, or 07 are used in the test, check for "0's" (BA421) in Location 000 and others at random.

FLOW CHART



Testing without Using the Reader

The test can be conducted without using the reader by loading the following manually:

Inst. Addr.	INSTRUCTIONS OP	A	B	Remarks
022	L	?99	?98	Load test character from ?99 to ?98.
029				Word Mark for Load operation.
?99				Test character (blank or 0) without a Word Mark in the highest location.

NOTE: ? is T for 1400 positions.
Z for 2000 positions.
I for 4000 positions.

After running the program, check for the test character in Location 022.