TITLE AND HEADINGS PRINT ROUTINE

Block No. 0000C

When the printer is available and it is desired to identify each test by printing the title and headings, a "1" is first manually set up in Location S52 (1252). The "1" in S52 will cause a branch to a set of instructions at the start of each test and print two lines. First, the title and block number which will vary with each test; second, four columnar headings which will identify the results of the test. Example:

LOAD COMPARE 0110A

A FIELD B FIELD RESULT SHOULD BE RESULT IS

Before the title is printed a print cycle is executed to obtain a space after the previous test. The title and block number to be printed on the first line are punched in the Trailer Card of each test and are transferred to the print area from the read area. Another print cycle is executed and the first line is printed. The print area is then cleared and another print cycle is executed to obtain a space between the first and second lines. The information to be printed on the second line is stored by the main programs in /20 (A FIELD), /40 (B FIELD), /60 (RESULT SHOULD BE), and /80 (RESULT IS). This information is transferred to the print area and immediately followed by a print cycle to print the second line. The print area is again cleared and another print cycle is executed to obtain a space between the second line and other lines to be printed as a result of the test.

To execute the Title and Headings Print Routine, the instructions are punched in three cards numbered 04, 05, and 06 as follows:

	Card Columns and Read-In Locations	INSTRUCTIONS OP	A	B	Remarks
	001	L	057	S45	Relocate Title and Headings Print Routine punched in columns 12-57.
	008	1	001		Read Card #5 and branch to Location 001.
(Relocated Title and Headings Print Routine					
	S00 012	2			Print (space).
	S01 013	,	049		Set WM for Title and Block No.
	S05 017	L	077	277	Load Title and Block No. in Print Area.
Card #4	S12 024	2			Print Title and Block No.
	S13 025	/	277		Clear Print Area.
	S17 029	2			Print (space).
	S18 030	¤	/40	/60	Clear Word Marks in second line stored information.
	S25 037	¤	/80		
	S29 041	L	/89	270	Load second line.
	S36 048	2			Print second line.
	S37 049	/	270		Clear Print Area.
	S41 053	2	413		Print (space) and branch to main program.

NOTE: Word Marks in 001, 008, and 012 set up by the Program Chaining Routine. Word Marks for relocated Title and Headings Print Routine in S00-S45 set up by Card #6.