

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 #	Card Columns and Read-In		INSTRUCTIONS		Remarks
	Locations		OP	A B	
(	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.
(	S12	024	2		Print Title and Block No.
(	S13	025	/	277	Clear Print Area.
(	S17	029	2		Print (space).
(	S18	030	M	/40 /60 )	Clear Word Marks in second line stored information.
(	S25	037	M	/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.