The program provides for the printing of four lines for each of the following printing and spacing operations:

1. Print-Auto.-Space
2. After Print-Space 1
3. After Print-Space 2
4. After Print-Space 3
5. Immediate-Space 1
6. Immediate-Space 2
7. Immediate-Space 3

The program is executed in the following manner:

First, a hyphen (-) is set in all print positions. Then, the comment for the first operation to be performed is transferred from storage to print positions 231-250.

Since each of the seven operations is to be performed four times, a counter is set up to count '1' each time a line is printed. The first operation is performed when the counter is 1, 2, 3, or 4; the second when the counter is 5, 6, 7, or 8; the third when the counter is 9, 10, 11, or 12; etc. The loops for each of the seven operations are identical except for the changing of the operation comment when the line counter reaches 5, 9, 13, 17, 21, and 25. Printing stops when the line counter advances from 28 to 29.

Checking Procedure

Visually check the printed results for horizontal print alignment and proper spacing.

It should be pointed out that an automatic single space always occurs after printing except when it is nullified by an AFTER PRINT-SPACE (1, 2, or 3) command. Thus, an AFTER PRINT-SPACE 3 command results in triple spacing, but an IMMEDIATE SPACE 3 command results in quadruple spacing (one automatic space after printing the previous line, and three controlled spaces before printing the next line).