The Daisy Printer II recognizes the following control codes and ignores any others.

DEC.	OCTAL	HEX.	FUNCTION
08	010	08	Backspace one character width
10	012	0A	Line feed *
13	015	0D	Carriage return with line feed
14	016	0E	Disables underline printing
15	017	0F	Enables underline printing
27 01	033 001	1B 01	1/60" space
27 02	033 002	1B 02	1/30" space
27 03	033 003	1B 03	1/20" space
27 04	033 004	1B 04	1/15" space
27 05	033 005	1B 05	1/12" space
27 06	033 006	1B 06	1/10" space
27 10	033 012	1B 0A	Reverse line feed *
27 14	033 106	1B 0E	1/12" space mode set
27 15	033 017	1B 0F	1/10" space mode set
27 17	033 021	1B 11	Proportional space mode set
27 28	033 034	1B 1C	Half line feed
27 30	033 036	1B 1E	Reverse line feed (half)

* Line Feeds may be sent from Machine-Language Programs, but not from BASIC's LPRINT STATEMENT. (In Model I TRS-80, memory address 14312 is a status/output port for the printer. In the Model III Z-80 port 251 is a status/output port for the printer. For further information, see the Technical Documentation for the respective computer.)

EXAMPLES OF CODE PROGRAM LINES

LPRINT CHR$(8)   Backspace on character width

LPRINT CHR$(13)   Returns carriage with line feed

LPRINT CHR$(15)"UNDERLINED" CHR$(14)"NO UNDERLINE" Demonstrates underline

LPRINT CHR$(27);CHR$(3)   Moves 1/20" space

LPRINT CHR$(27);CHR$(14) All subsequent characters will be printed at 1/12" spacing

LPRINT CHR$(27);CHR$(17) All subsequent characters will be printed at proportional spacing

SPECIAL NOTE: If you use this printer with a Model I TRS-80 and have BASIC programs which use top-of-form (I.E., programs for creating continuous form formats), you may require a special driver program. This is available free of charge through your local Radio Shack store or Computer Center, they can order special part number 700-2007.

(Without this special driver program your BASIC programs set up continuous forms may result in improper position of the top of each new page of a form.)

SPECIAL FUNCTIONS

AUTO NL (NEW LINE)

In the following cases, the printer will automatically execute a new line
function under the following conditions (carriage return with line feed):

1. In the 10 pitch mode, when the carriage moves over to the 136th position.
2. In the 12 pitch mode, when the carriage moves over to the 163rd position.
3. In the proportional spacing mode, when the carriage moves to within 8
   units (8/60") from the right margin (right margin is 13.6" from the left
   margin).

NOTE: Auto NL may not execute at these exact positions (noted above) if the
pitch has been changed during the execution of the current line.

OPTIMIZER

To optimize printing time (more efficient carriage movement), whenever a
function code (SP, BSP, 1 unit to 6 SP, LF including NL,BLF, 1/2 BLF) is
encountered in a program within 10 milliseconds of each other, the printer
temporarily stores these codes until the following data is transferred:

1. Character codes are input.
2. Function codes are input with intervals of 10 msec or more.

Then, these above stored function codes are executed at one time. For ex-
ample, when 10 LF codes are input with less that 10 msec intervals, the
printer will automatically feed 10 lines at one time upon receipt of the
next code (not one line feed, repeated ten times).

(smm 07/27/93)