

Table H-4
Time delay selections

n	Time delay
0	None
1	32 milliseconds
2	250 milliseconds (1/4 second)
3	2 seconds

Set time delay, nC, nL, and nF

Some printers can't keep up with the Apple IIe when they are doing certain operations. You may need to change default settings on the SSC to give a printer the time it needs.

The nC command overrides the setting of switch SW2-2 on the SSC. That switch provides two choices: either no delay or a 250 millisecond delay after the SSC sends a carriage return character.

The nL command allows time after a line feed character for a printer platen to turn so that the paper is vertically positioned to receive the next line.

The nF command allows time after a form feed character for the printer platen to move the paper form to the top of the next page (typically a longer time than a line feed).

Consult the user manual for a given printer to find out how much time it takes to move its print head and platen so that you can determine an appropriate set of values for these three delays. The idea is to have at least enough time for the printer parts to move the required distance, but not so much time that overall printing speed is slowed down drastically. Many printers require no delays because they have a buffer built in to keep accepting characters even while they are doing form feeds and so on.

A typical setup for a *very* slow printer would be Control-I 2C CR, Control-I 2L CR, Control-I 3F CR; that is, the SSC waits 250 milliseconds after transmitting carriage returns, 250 milliseconds after transmitting line feeds, and 2 seconds after transmitting form feed characters.

Echo characters to the screen, E_E/D

For the Apple IIe, as for most computers, displaying (echoing) a character on the video screen during communications is a separate step from receiving it from the keyboard, though we tend to think of these as one step, as on a typewriter. For example, if you send Control-A E_D CR, the SSC does not forward incoming characters to the Apple IIe screen. This can be used to hide someone's password entered at a terminal, or to avoid double display of characters.

This command is used in communications mode only.