

5. To switch back to 80 column display, press Escape, then 8.
6. To deactivate the card completely press the Escape key followed by Control-Q (simultaneously press the Control and Q keys). Another way to deactivate RamWorks is with a Control-Reset. We do not recommend this, however, because it could "clobber" your program currently in memory.

**A word of caution:** Be careful in using PR#0 to deactivate RamWorks. You probably shouldn't access another slot, PR#1 for example, when the 80 column feature is active. The results can be unpredictable. You will want to use Escape Control-Q to turn off the card from the keyboard in most cases.

## the upper case restrict feature

When programming in Applesoft BASIC on a "non-enhanced" Apple //e with the RamWorks firmware active, you can use only upper case for program statements. If you try to use lower case, you'll get a SYNTAX ERROR. The upper case restrict mode provides an easy way for owners of the non-enhanced //e to use lower case letters in PRINT and INPUT statements.

To activate the upper case restrict mode, press the Esc key then the letter R. Release the Caps Lock key (up) and enter an Applesoft BASIC program just as you normally would. You will notice that when you type an opening quotation mark, as in the beginning of a string literal (letters enclosed in quotation marks), all the characters which follow are in lower case. To make one or more of these letters upper case, use the shift key as you normally would. Once you type the closing quotation mark, all letters which follow are in upper case. To cancel the upper case restrict mode, enter the Esc mode, then type the letter T. The upper case restrict mode remains active until cancelled or the 80 column firmware is deactivated.

**Note:** Owners of the Enhanced Apple //e will discover that this feature is already built in. So Esc-R is not supported by the Enhanced //e.

You can do all programming in lower case letters (except in DOS 3.3 which still expects its inputs in upper case). When you list the program, all Applesoft key words and variable names will appear in upper case; all literal strings, DATA statements, and REM statements will remain as originally typed.