

## **B: *The RamWorks Memory Test***

Use the RamWorks Memory Test to verify the basic operation and hardware reliability of the RamWorks card. If you encounter problems when running a program that you feel relate to RamWorks memory, this test is a good first step in diagnosing the problem.

**DO NOT** attempt to repair your RamWorks card!

To run this test program, turn the computer off, insert the Super Desktop Expander disk or the AW 2 Expander disk in your startup drive, and turn the computer on. When the main menu appears, select the "RamWorks Memory Test" option. Select the appropriate option from the memory-test options menu. If you hold the Open-Apple key (⌘) down momentarily while you select the memory test, it will execute a longer more thorough memory test.

A graphic representation of the product being tested will appear on the screen. The test indicates any defective RAM chips or empty RAM sockets with a "XX" in the corresponding chip location on the graphic display. After eight successful passes, the program displays the message "Card Passed," indicating that the circuitry on the card has passed. In the lower left corner of the screen, a "pass indicator" will show how many times the program has run the memory test. The program will repeat the memory test indefinitely. Press any key to terminate the RAM test and enter the 80 column and high-resolution display portion of the RamWorks test.

If the test passes and you still experience problems with your program, the next step will be to eliminate the software as a possible source of the problem. Try to run different software packages or another copy of the program you are having problems with. Our experience shows that a large majority of "program crashes" are not necessarily caused by hardware failures but by software problems. Many software publishers offer technical support for software related problems.

If the RamWorks Memory Test fails, turn the system off, insure that all of the socketed memory chips and connectors are correctly and securely seated. (Often, just reseating the chips and connectors has a magical healing effect on a sick computer!) Turn the system on and run the memory test again. If it still fails, refer to the Technical Support section in the preface of this manual.