

## CPU EPROM CHECKSUM FAILED

1. Connect a serial (Wyse) terminal, or a computer running a terminal emulation program, to the LEFT serial port on the back of the ST (as viewed from the rear, serial port 1). Use a straight-through (i.e., NOT a null-modem) cable.
2. Set the terminal to 9600 bps, 8 data, 1 stop, no parity, full duplex, no auto-new-line, CR=CR.
3. Turn on the ST if not already on.
4. On the terminal keyboard, type a "caret" (^) character (on a US terminal, this is a SHIFT 6). Then depress <ENTER> . When <ENTER> is depressed, the caret (^) should show up on the screen. This is your indication that you are in the password entry mode. If you do not get the caret, hit <ENTER> several times and try the sequence again. You must get the caret on the screen or none of the following will work.
5. Carefully type the password "Paris" (without quotation marks), and then depress <ENTER>. The password "Paris" is case-sensitive; be sure the CAPS LOCK on the keyboard is NOT on.
6. If this has been done correctly, the shell prompt [TRACE\_a] will appear on the screen.
7. You must now get into the low-level debugger module.
8. Type in "wr fdb" (lower case, no quotation marks) and <ENTER>. You should get an arrow prompt (-->).
9. If you do, you are now "in". This is a VERY POWERFUL ACCESS LEVEL. You can seriously compromise the machine's operation by accessing and altering the wrong parameters here.
10. Type in "initbp" (lower case, no quotation marks) and <ENTER>. You'll see on the computer screen the following information. Depress <ENTER>.

### computer prompt

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Rev string (): (component side)	Press <ENTER>
Rev Date (-0-0-0) (mm-dd-yyyy):	Press <ENTER>
Board serial number (): (123456-789)	Press <ENTER>
HW Compact. Rev (0):	Press <ENTER>
SW Compact. Rev (0):	Press <ENTER>

MSU Hardware key not found!

Write on board rev data OK

System Serial Number (123456789):

BP EEPROM Checksum OK  
--><q> (Press "q" for Quit)