GenRad

10MB WINCHESTER DISK

INSTALLATION PROCEDURE

for 2511/2514 Systems

Form No. 2511-1004
Revision 1
December 1983

VIBRATION ANALYSIS DIVISION
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I. PURPOSE

This procedure outlines the necessary steps to install and test the 10MB Winchester on a 2511/2514 Vibration Control System.

II. INSTALLATION

1. Power off the system, remove the AED controller and verify the following jumper options (see attached figure for locations):

E1-E2	Boot prompt (DEV) from CRT
E4-E5	Winchester at standard address and vector
E7-E8	Floppy at standard address and vector

   Re-install the AED controller in the original backplane slot.

2. Install cable 2511-2034 between the signal splitter board (mounted on side panel) and the rear panel cutout labeled DISK. Use the connector clips supplied with the cable for fastening to the rear panel. These clips must be carefullv centered to insure proper mating with the Winchester assembly cable. The 34 position cable connector mates with the signal splitter connector nearest to the rear of the system; pin 1 is toward the bottom of the VCS box. The 20 position cable connector mates with the signal splitter connector nearest to the front of the system; pin 1 is also toward the bottom of the VCS box. The floppy cable remains connected to the middle connector on the splitter board.

3. Connect the Winchester assembly (2511-3011) to the rear panel connector labeled DISK.

4. Power on the system and press the BOOT switch. If booting to the floppy (DY) or accessing the Winchester (DL) is not successful, there may be a strapping problem on the floppy drive(s). The strapping may be verified by reviewing Floppy Add-on Procedure 2511-1002.

   The critical items are as follows:

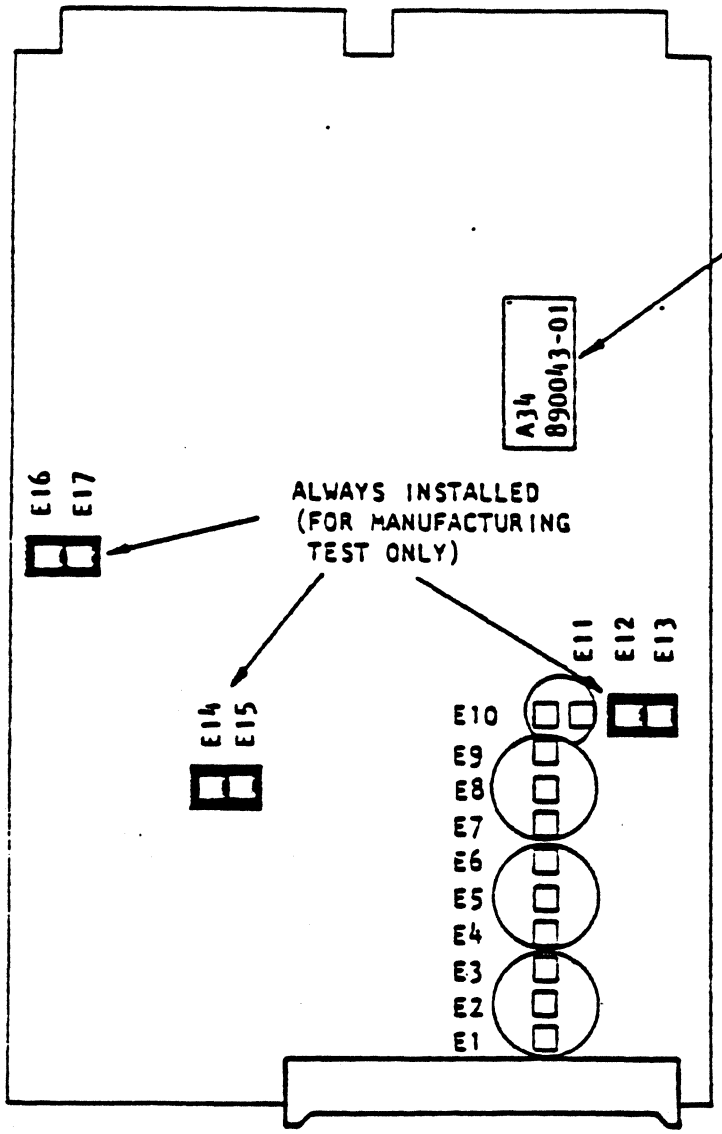
   a. DY0 shunt module should have all straps open except 3 and M.

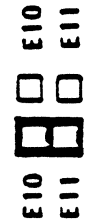
   b. If a second floppy drive is connected to the system, the terminator pack should be installed in drive DY1 (none in DY0). All DY1 shunt module straps should be open except 4 and M.

5. The Winchester will normally be pre-formatted and will contain a copy of Run-Time RT-11. If it requires formatting the following commands may be used in response to the DEV> prompt:

```
DEV>XI2
DEV>XU0  FORMAT DL0 (ILV=2);  ARE YOU SURE (Y/N)? Y
- FORMATTING DRIVE  - FORMAT COMPLETE
DEV>XI2
DEV>XU1  FORMAT DL1 (ILV=1);  ARE YOU SURE (Y/N)? Y
- FORMATTING DRIVE  - FORMAT COMPLETE
```

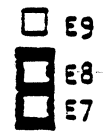
6. Run diagnostic WINFLP located on diskette 2511-0691. Instructions are in manual 2511-0190.



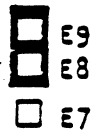


ENABLE 22 BIT ADDRESSING

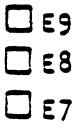
DISABLE 22 BIT ADDRESSING



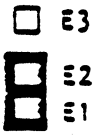
ENABLE FLOPPY STANDARD ADDRESS @777170 STANDARD VECTOR @264



ENABLE FLOPPY ALTERNATE ADDRESS @777150 ALTERNATE VECTOR @270



DISAB. FLOPPY

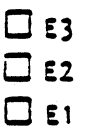


ENABLE BOOTSTRAP @173000

"BOOT USING TTY"

ENABLE BOOTSTRAP @173000

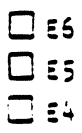
"AUTO BOOT"



DISABLE BOOTSTRAP @173000

ENABLE WINC-05 STANDARD ADDRESS @774400 STANDARD VECTOR @160

ENABLE WINC-05 ALTERNATE ADDRESS @775000 ALTERNATE VECTOR @120



DISABLE WINC

WINC-05 Jumper Options