FIELD CHANGE ORDER

Number: FCO 85XBA-I004

Applicability: Retrofit all VAX 8500/8550 (851BA and 855BA) systems. This FCO does not change the Rev. Levels of the 70-23575 VAX 8500 and 70-23145 VAX 8550 Cab Sub-assemblies. This FCO incorporates the following ECO:

ECO H7061-A-LK001 - New Part Revision "B1"
1. H7061 Rev "B1" started shipping in new machines 08/21/86.

Field spares stock should also be upgraded.

Problem/Symptom:
The trip point for AC Low L Out, signal set for 226 VDC is too high for VAX 85X0.

Quick Check: N/A

Compatibility/Prerequisite FCO: N/A

Est. Time to Install: 1 hr.

Special Tools or Test Equipment: Field Service Tool Kit

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<th>FCO</th>
<th>Parts</th>
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<tr>
<td>EQ-01461-01</td>
<td>1</td>
<td>H7061-A (Min. Rev B1) Power Supply</td>
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<td>FA-04747-01</td>
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<td>FCO Documentation</td>
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EQ Kit Variation System/Option Applic: N/A

Approvals

CSSE Engineer
Bill Macy

CSSE Manager
Jan Sicard

MicroMedia Pub.
Ray LeBlanc

Revision:
A

F.S. Product Safety
Jerry Gannelli

F.S. Microfiche Libraries
EP-FSNVX-LB VAX

VAXnotes
STARS

F.S. Logistics
Ed Duggan

Affected Population:
448

Initial Kitting:
448

Hardcopy Publication:
500
FIELD INSTALLATION AND TEST PROCEDURE FOR FCO 85XBA-I004

1. Shut down the system by executing the Shutdown Command Procedure.

   $ @SYS$SYSTEM:SHUTDOWN

   After VMS shuts down, type CTRL^P HALT.... you will now be in
   the console mode. The prompt is ">>>"

2. Using the 8500/8550 console commands, power the 8500/8550 off. Open
   the rear of the cabinet and pull the plastic "T" handle located near
   the input power cord and set CB1, the Main Circuit Breaker
   on the H405-A/B Power Controller to the "OFF" (0) position.

   >>>POWER OFF (CR)

   Now turn CB1 off

   Five minutes should be allotted to allow capacitors to bleed down.

3. Use ALL ESD safety precautions to prevent DOA modules in upgrade kit.

   ****************************************************************
   *                                                              *
   *                        C A U T I O N                         *
   *                                                              *
   *       The module, as all other VAX 8X00 modules,             *
   *       contains electrostatic discharge sensitive             *
   *       devices (ESDS). The use of the VELOSTAT               *
   *       is essential to prevent damage which may               *
   *       not be noticed immediately.                            *
   *                                                              *
   ****************************************************************

4. Set up the Velostat Kit:

   a. Unfold the VELOSTAT mat to full size (24" x 24").
   b. Attach the 15 foot ground cord to the VELOSTAT
      snap fastener on the mat.
   c. Attach the alligator clip end of the ground cord
      to a good ground on the 85X0.
d. Attach the wrist strap to either wrist and the alligator clip to a convenient portion of the mat.

5. The H7061-A is located at the bottom of the cabinet in the 70-23575 or the 70-23145 rack. The unit is the right hand module. Locate the thumbscrew at the top of the H7061-A front panel and unscrew (counterclockwise) setting the circuit breaker on the H7061-A to the OFF (down) position.

6. Remove the module from it’s CPU option slot and place it on the mat.

7. Check the revision of the H7061-A module. If the H7061-A is at Rev "B1" reinstall it in the same slot and proceed to step 10. If the H7061-A is below revision "B1" proceed to step 8.

8. Insert the replacement module EQ-01461-01 (Rev "B1" or higher) taking care to ensure that it is inserted correctly into the guides. Gently slide module in and engage the connector. Tighten the thumbscrew (turn clockwise).

9. Package the old rev module in the same ESD container and return the old H7061-A ASAP to designated repair center for upgrade.

10. Make sure the circuit breaker on the H7061-A is turned on (up).

11. Set the circuit breaker CB1 on the H405-A/B Power Controller to the ON (1) position. At this point, the console device will do a self check. Close and latch the cabinet doors.

   Power up the CPU by typing the following command:

   >>>POWER ON <CR>

12. Bring up the VMS Operating System.

13. Update the Site Management Guide to reflect this FCO.

14. Report this FCO activity on the LARS form in the "Fail Area/Module/FCO/Comments" column as follows: FCO 85XBA-I004 (See page 4 for further instructions).
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<td>Contract and Warranty</td>
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<td>Material Used</td>
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