

\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|  
 |d|i|g|i|t|a|l|  
 |\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

FCO

Level of Urgency

+---+  
 |I|  
 +---+

Page\_1\_  
 Of\_5\_

FIELD CHANGE ORDER

Number: BA23-I001

Applicability: Applies to all BA23-AX and BA23-BX boxes.

Problem/Symptom: DC Power Cable, P/N 70-20450-01 over-heats during normal use. The current rating of the components have been derated by the manufacturer, and the cable does not meet the requirements of the unit. The DC Power cable has been replaced with P/N 17-01311-01.

Quick Check: Check for P/N 70-20450-01 on tag of DC Power Cable.

Compatibility/Prerequisite FCO: N/A

Est. Time to Install:  
 1 hour

Special Tools or Test Equipment: VELOSTAT Kit P/N 29-11762.

FCO Parts Information

Order by	Quantity:	Part Number:	Description:
FCO Kit#:			
EQ-01427-01	1	17-01311-01	DC Power Cable
FA-04712-01	1		FCO Document

EQ Kit Variation System/Option Applic: N/A

Approvals

CSSE Engineer  
 Mike Henderson

F.S. Product Safety  
 Jerry Gannelli

F.S. Logistics  
 Ed Duggan

CSSE Manager  
 Elisa Toledo

F.S. Microfiche Libraries  
 EP-FSP11-LB PDP11

Affected Population:  
 11,000

ESD&P Micropub.  
 Ray LeBlanc

VAXnotes

Initial Kitting:  
 6,000



\* ONLY ONE CABINET IS ALLOWED TO HAVE AN OPTION OR \*  
\* BOX PULLED OUT AT ANY ONE TIME. \*  
\* \*  
\*\*\*\*\*

- b. On pedestal systems, remove the front and rear covers. Then remove the front chassis retaining bracket, and push the subsystem forward until the front top cover is completely exposed, so the screws can be removed to gain access.

```
|_|_|_|_|_|_|_|_|_|  
|d|i|g|i|t|a|l|  
|_|_|_|_|_|_|_|_|_|
```

FCO BA23-I001  
PAGE 3 OF 5

\*\*\*\*\*  
\* NOTE \*  
\* THE MODULES IN THIS SYSTEM CONTAIN ELECTROSTATIC \*  
\* DISCHARGE SENSITIVE DEVICES. THE USE OF THE \*  
\* VELOSTAT KIT IS ESSENTIAL TO PREVENT DAMAGE \*  
\* WHICH MAY NOT BE NOTICED IMMEDIATELY \*  
\* \*  
\*\*\*\*\*

- 4. Set up the VELOSTAT kit P/N 29-11762 in the following manner:
  - a. Unfold the VELOSTAT mat to full size.
  - b. Attach the ground cord to the snap fastener on the VELOSTAT mat.
  - c. Attach the alligator clip end of the ground cord to a good (bare metal) ground on the system.
  - d. Attach the wrist strap to either wrist and the alligator clip to a convenient portion of the mat.
- 5. Remove the front top cover.
- 6. Remove the fan cowling if present.
- 7. Disconnect the DC Power Cable from J9 on the power supply and J1 on the signal distribution panel.

8. Install new DC Power Cable included in the EQ kit.
9. Reinstall the fan cowling if present.
10. Reinstall the top cover.
11. Slide the subsystem back into the pedestal or cabinet depending on the type system you have.
12. For the pedestal mount reinstall the front chassis retaining bracket and the front and rear covers.

\_	\_	\_	\_	\_	\_	\_	\_
d	i	g	i	t	a	l	
\_	\_	\_	\_	\_	\_	\_	\_

FCO BA23-I001

PAGE 4 OF 5

13. Power up the system by one of the following procedures:
  - a. For the Cabinet style systems, turn the 874 power controller circuit breaker to the ON (1) position. The breaker is located at the rear of the cabinet on the bottom left. Replace the back cover of the cabinet. Turn the power on from the console switch and let the self test run to completion. It must run successfully.
  - b. For the pedestal systems, plug the box into its power receptacle. Turn the power on from the console switch and let the self test run to completion. It must run successfully.
14. Update the Site Management Guide to reflect this FCO.
15. Report LARS data as per example.

\_	\_	\_	\_	\_	\_	\_	\_
d	i	g	i	t	a	l	
\_	\_	\_	\_	\_	\_	\_	\_

FCO BA23-I001

PAGE 5 OF 5

Activity	DEC Option	Type of Call	Action Taken	FCO # Comments	Material Used
----------	---------------	--------------------	-----------------	-------------------	------------------

\*\*\*\*\*  
For Contract and Warranty Customers U.S. and G.I.A.

W	BA23-XX	M	D	BA23I001	EQ-01427-01
---	---------	---	---	----------	-------------

\*\*\*\*\*  
For Per Call Customers U.S., G.I.A

F	BA23-XX	M	D	BA23-I001	EQ-01427-01
---	---------	---	---	-----------	-------------

\*\*\*\*\*  
For Contract and Warranty Customers Europe

Y	BA23-XX	M	I	BA23-I001	EQ-01427-01
---	---------	---	---	-----------	-------------

\*\*\*\*\*  
For Per Call Customers Europe

F	BA23-XX	M	I	BA23-I001	EQ-01427-01
---	---------	---	---	-----------	-------------

\^ BA23  
 \\BA23  
 \\HENDERSON  
 \\1986  
 \\DEC  
 \\FCO\_DOCS