

FLASHJET® Service Bulletin

<i>Bulletin Title:</i>	Robot Data Backup Problems with Cimroc 4000 Robot Controllers
<i>Bulletin No.:</i>	11.12.01-1

<i>To:</i>	FLASHJET System Users
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<i>Priority:</i>	Medium
<i>Safety Level(s):</i>	N/A
<i>Problem Description:</i>	Robot Backup Batch Utility does not save more that 224 files to the floppy drive. The operator is not notified of an incomplete backup.
<i>Symptoms:</i>	CCAD operators noticed that not all of their 293 data files were actually copied to the floppy drive when running the robot batch utility RBT_BU. When the functions of the batch utility were performed by manually typing in the DOS commands the message "Cannot Create a Directory Entry" occurred after the 224 th file.
<i>Causes:</i>	The root (example A:\) directory on disk drives is formatted to a fixed length and can hold only a fixed number of files. All subsequent subdirectories of the root director (example A:\Data) are variable length and can hold as many files as the disk can physically hold.
<i>Prevention or Corrective Action:</i>	We are issuing Version 2.0 of the Robot Back up Batch file RBT_BU. The version 2.0 upgrade consists of five files RBT_BUS.BAT RBT_BUF.BAT NEWDSK.BAT CPY.BAT README.TXT The operator will initiate the backup on the Robot Controller by typing either RBT_BUS or RBT_BUF. RBT_BUF is a faster version of the backup batch file and can copy approximately 400 files to a single floppy diskette. While RBT_BUS runs much slower, it will ask the operator to insert a new diskette into the A drive as each diskette fills up.
CAUTION:	This problem is only concerned with a Cimroc 4000 Robot controller. The Cimroc 4000 Robot Controller can be identified by the following characteristics. A small computer station separate from the Robot drive cabinet with a monitor setting on top that is running a MS-DOS operating system. Cimroc 5000 Robot Controllers have its processors combined in the Robot Drive Cabinet and has a Windows NT operating system. The PaR documentation also contains reference to either a Cimroc 4000 or a Cimroc 5000 depending on how your system is configured.
Installation Instructions for Version 2.0	Place the Robot Data Backup Batch Files Version 2.0 into the Floppy Drive of the Robot Controller Place the Robot Controller into Local DOS mode by typing the following commands. Alt L In the box titled Enter Password/User ID type Quit for User ID <Enter Key> for Password In the Box titled Enter Dos Password/User ID type User ID z Password z

	<p>Observe the C:\> prompt From the keyboard type the following commands CD C:\BATCH Observe the C:\BATCH> prompt Type Copy A:*. * Remove the Robot Data Backup Files Version 2.0 diskette from the A drive and place it with your software backup files. Insert a new diskette into the A drive. Type RBT_BUF (unless you know you have more than 400 data files then use the alternate program RBT_BUS) Observe the Version 2.0 message on the instruction screen Follow the instructions to complete the backup.</p>
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