

REMINGTON ARMS COMPANY, INC.

INTERDEPARTMENTAL CORRESPONDENCE

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"CONFIDE YOUR LETTER TO ONE SUBJECT ONLY" _____

Ilion, New York
February 20, 1974

TO: D. S. HARDY
FROM: B. C. PROSSER
SUBJECT: UNIAPT AND POST-PROCESSOR STATUS

UDS

At present there is only one problem with UDS. When a program is being executed thru the post-processor, a page of paper is skipped for every page that is printed. United Computing is aware of the problem and is working on a solution.

MILWAUKEE-MATIC POST-PROCESSOR

Problems that exist with this post-processor are as follows:

1. Output of Z 16 instead of the Z coordinate of the clearance plane in the start-up block after a tool change.
2. Post-Processor won't output circular contouring in the YZ and ZX planes using circular interpolation (currently outputs in short linear moves).

Test programs and sample printouts have been sent to United. A new tape correcting the above problems should be received approximately April 1, 1974.

RICHARDSON ROUTER

Problems that exist with this Post-processor are as follows:

1. Erroneous output in certain cases of points at the start of a circle.
2. Post-Processor won't output circular motion along an inclined plane in circular interpolation mode (Outputs in short linear moves).

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RICHARDSON ROUTER (Continued)

3. Post-processor won't output circular motion in the YZ and ZX planes in circular interpolation modes (currently outputs in short linear moves).
4. Post-processor will not automatically return to linear interpolation from circular interpolation or at the start of a program. Currently the programmer must use the PREFUN/1 statement to accomplish this.
5. The Post-processor won't output zero values.

Test programs and sample printouts have been sent to United. In addition, the addition of RETRCT and CLEARP statements has been requested. A new tape with the above changes and additions should be received approximately March 25, 1974.

EX-CELL-O 108E POST-PROCESSOR

At present there are no known problems with this post-processor. However, XZ, YZ and 3 axis contouring has not been tested as yet. Testing will be completed by March 1, 1974.

POSITOOL POST-PROCESSOR

The specs on this post-processor were received, proof read and returned to United with all necessary revisions noted. A tape for this post-processor should be received approximately March 15, 1974.

BOSTOMATIC POST-PROCESSOR

Still awaiting quote from United.

BCP:bd
 Ilion Research Division