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REMINGTON ARMS COMPANY, INC.  
INTER-DEPARTMENTAL CORRESPONDENCE

Remington  
GUESD

E. Morgan }  
H. Chisnall } no  
G. W. Martin } attachment  
✓ M. H. Walker }  
JSE

Bridgeport, Connecticut  
May 6, 1974

F. HART - ILION

MODEL 700 OWNER'S MANUAL

This is to confirm our recent telephone conversation wherein it was decided to modify the instruction concerning the unloading procedure found in our current Model 700 Owner's Manual, copy of which is attached. The first six (6) sentences of the unloading instruction should be deleted and the following substituted therefor:

"TO UNLOAD - Hold rifle with muzzle pointed in safe direction. Move safety to OFF SAFE position and raise bolt handle. Move safety to ON SAFE position and pull handle rearward. Grasp cartridge and remove from action. Push bolt forward until next cartridge is released from magazine. Repeat until magazine is empty. CAUTION: Safety will be in the fire position during part of this operation, so keep muzzle pointed in safe direction."

During the time it will take for the Owner's Manual to be modified, an insert entitled "Alternate Unloading Procedure", containing the substance of the foregoing modification, should be packed with the current Manual.

RBS/rk  
Attachment

*RBS*  
R. B. Sperling

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

*Remington*  
OPEN

*PETERS*  
OPEN

Xc: J. J. Bechard  
W. M. Curry  
P. H. Eccleston  
B. C. Prosser  
F. G. Hart  
R. J. Sanzo

*clm. file*

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

LIMITED DISTRIBUTION

Ilion, New York  
May 8, 1974

TO: W. E. LEEK  
FROM: D. S. HARDY  
SUBJECT: TECHNICAL SERVICES STAFF MEETING - MAY 13  
(Last Meeting Held April 29, 1974)

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COMPUTER AIDED DESIGN

The high speed range has been used but preliminary runs indicate that peak pressures don't agree with oscilloscope readings. Therefore, a calibrated signal device has been designed which can be used for set-up and check-out. Two new features have been added to the high speed range. Peak values are printed for every shot and, if required, available impulse is also printed.

Mylar tape-punch proposal is awaiting P E & C's endorsement. Delivery will be 90 days after P. O. issued. P. O. was issued March 25.

RAMPS preliminary instructional meeting held on Feb. 14. All persons responsible for making schedules have been contacted and are preparing their preliminary CPM-PERT runs. Fred Martin has delivered his project. Initial CPM-PERT has been done. No other preliminary CPM-PERTS have been received.

The gun-motion program is waiting for empirical data from the test lab. (Shoulder-force, pressure-time, and displacement curves for a heavy-shoulder shooter firing M/870 12 Ga. shotgun with a heavy load).

Testing of the streamlined target measuring program is complete and has received limited use. Preliminary indications show that program is functioning properly.

COMPUTER AIDED DESIGN (Con't)

A new program (LTSPRG) has been added which will design leaf springs. This program was written for M. Kopinski to be used on the Model 3200 O/U Single Barrel Trap.

A program that will control and monitor the 1100 Dry-cycle machine is being written.

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. A correction for this should be received by approximately June 1, 1974.

MILWAUKEE-MATIC POST-PROCESSOR

- (1) United Computing had completed debugging of the X - Z and Y - Z circular contouring tests, and have discovered errors in both the Post-Processor and the programming technique. The revised Post-Processor and an example of the proper programming technique, should be received approximately May 17, 1974.
- (2) The addition of the capability for circular contouring in the X and Y with simultaneous Z axis linear motion. This addition will be made for a fee of \$360. Delivery is the same as the above date.

RICHARDSON ROUTER

Problems that exist with the 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). This feature will be added for a fee of \$360.

UNIAPT AND POST-PROCESSOR STATUS (Con't)

RICHARDSON ROUTER (Con't)

- (3) Post-Processor won't output zero values.
- (4) The addition of RETRCT and CLEARP statements is to be added for a fee of \$60.
- (5) The Post-Processor does not have the capability of outputting and offset feedrate (G92 Fxxxxxxx) before the cutter compensation is used for the first time in the program.

All of the above changes and additions should be received by May 17, 1974.

The information pertaining to the Milwaukee-Matic Post-Processor also applies to the Richardson Router.

EX-CELL-O POST-PROCESSOR

A revision to this Post-Processor is required to permit Z axis linear motion in conjunction with X and Y axis linear or circular motion. This was not included in the original Post-Processor because the information was not available at that time. This addition will be made for a fee of \$360. Delivery will be approximately May 17, 1974.

BOSTOMATIC POST-PROCESSOR

A purchase order is in the process of being issued for this Post-Processor. A meeting has been scheduled for May 14, 1974 with Paul Bengert from United to discuss the specs for this Post-Processor. Delivery will be approximately 130 days after receipt of order.

BCP:B

SPECIFICATIONS, TECHNICAL INFORMATION & SERVICES

1. Owner's Manual for Models 40XR - 40XC 75% complete.
2. Safety copy change for M/700 Owner's Manual has been requested and written by Legal Department. Inserts with this information have been printed in plant to use up manuals already printed. The new copy will be incorporated into manuals at next reprint.
3. Mutilated or otherwise unsatisfactory drawings are being redrawn when time permits.
4. Alter 3200 Owner's Manual exploded view and parts list to latest revision.
5. Exploded view and parts list requested by field personnel has been completed and forwarded to Arms Service for distribution.
6. Upgrading of microfilm cards has been started.
7. Wonder Trap service manual to be revised to "B" Model.

REPORTS ATTACHED

N/C Status Report

Model Shop Work Load

Numerical Control Work in Progress

Plastic Research Lab

DSHardy:B  
Ilion Research Division  
Attached