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REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

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Ilion, New York
Aug. 21, 1974

LIMITED DISTRIBUTION

TO: W. E. LEEK
FROM: C. W. STEPHAN
SUBJECT: TECHNICAL SERVICES STAFF MEETING - AUGUST 26, 1974
(Last Meeting Held July 22, 1974)

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.

Due to part delivery and testing problems, the mylar punch tape will not be shipped until approximately August 23, 1974.

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).

Preliminary testing shows that Program 27 now stores data correctly. All related programs are being modified to comply with Program 27. Modification of these programs will continue as time permits.

A program that will control and monitor the 1100 dry cycle machine has been written. Further program development will continue upon installation of necessary hardware by test lab personnel.

The 2 million word disc for the GE/Pac 4020 has been ordered, delivery is expected approximately Jan. 1, 1975.

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UNIAPT AND POST-PROCESSOR STATUS

UDS

Uniapt 2 has been received. Erroneous output has been discovered when using ellipses for drive surfaces. Until a correction is received, Uniapt 1 will be available in the event an error occurs in Uniapt 2.

MILWAUKEE-MATIC POST-PROCESSOR

At present, there are no known errors in this Post-Processor.

RICHARDSON ROUTER

A revised Post-Processor was received August 12, 1974. Further testing is necessary to determine if there are any errors.

EX-CELL-O POST-PROCESSOR

At present there are no known errors in this Post-Processor.

BOSTOMATIC POST-PROCESSOR

The up-dated and more detailed quote for this Post-Processor has been received. A purchase order has been issued. Receipt should be approximately Jan. 1, 1975.

POSITOOL POST-PROCESSOR

A new tape for this Post-Processor was received August 12, 1974. At present, there are no known errors in this Post-Processor.

ADAPT AND POST-PROCESSORS

COMPUDYNE POST-PROCESSOR

An error was detected in this Post-Processor in which in certain cases, the points output when contouring are rounded improperly. Since we are beyond the warranty period, Remington will be charged for any work done on this Post-Processor. Apparently, there are two options available for correction. The first option involves approximately 3 man days of work at \$250/day and would be warranted for 90 days. The second option would cost \$200 and would carry no warranty. No work is to be done until a Purchase Order is issued.

BCP:sse

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SPECIFICATIONS, TECHNICAL INFORMATION & SERVICES

1. Models 40XR - 40XC Owner's Manual has been approved by Marketing and Legal Depts. and is being printed.
2. Model 540XR Owner's Manual has been received.
3. Alter 3200 Owner's Manual (exploded view and parts list) to latest revision.
4. Wonder Trap "B" Service Manual revised and printed.
5. Remington Logo marking drawings have been altered.
6. Prepare package label mechanicals for:
 - 3200 Magnum 30"
 - 3200 Trap 32"
 - 788 223 Cal.
 - 788 223 Cal. (with scope)
7. Prepare new mechanicals for extra barrel package labels. Requested by Legal Dept. to include new Remington Logo.
8. Assisting W. Warren in competitive arms evaluation report.
9. Prepare supplement parts/price list for all 870 Military special parts requested by Government Sales.
10. Add 223 cal. to 788 parts lists, Standards & Owner's Manual.
11. Prepare 3200 competition parts list.

FGH:sse

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N/C MAINTENANCE

Debugging of XLO 108 and Positool near completion.

Additional Spares For All N/C Systems:

N/C machine systems spare parts are being ordered at random with cost savings being a primary consideration.

REPORTS ATTACHED:

N/C Status Report

Model Shop Work Load

Numerical Control Work in Progress

WMC:sse
Illion Research Division
Attached