

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

No: J. J. Bechard
 W. M. Curry
 P. H. Eccleston
 B. C. Prosser
 F. G. Hart
 R. J. Sanzo

Iliou, New York
 June 19, 1974

TO: W. E. LEEK
 FROM: C. W. STEPHAN
 SUBJECT: TECHNICAL SERVICES STAFF MEETING - JUNE 24
 (Last Meeting Held June 10, 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.

Mylar tape punch should be delivered approximately June 25, 1974.

The utilization of RAMPS has been postponed indefinitely.

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).

A revision has been made to the target measuring program to allow rotation of the horizontal and vertical axes. This is a console switch option, and a message is printed to that effect.

A problem still exists in contour measuring program 27. This is a streamlined version of program 26. Work is being continued on a solution as time permits. Until a solution is finalized it is necessary to use program 26 for all contour measuring.

A program that will control and monitor the 1100 dry-cycle machine is being written. Due to heavy computer usage, little computer time has been available for debugging.