

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

Ilion, New York
January 24, 1974

TO: C. B. WORKMAN
FROM: P. H. ECCLESTON
SUBJECT: PLASTICS RESEARCH LAB
Semi-Monthly Report

PLASTIC RESEARCH

Butt pads have continued to be molded with no difficulties encountered. One hundred (100) have been produced so far in January.

A mold has been made to produce a new piston seal. The part will be made from urethane and will be produced in two (2) hardness ranges. Tests on former piston seals resulted in failure.

Attempts have continued to fill coring in recoil pads with urethane foam. These attempts have resulted in failure due to short pot life of the materials currently approved for safety.

Cresol has been received and two (2) stocks welded with all accessories. These have been drop tested with no weld failure. Cresol is a satisfactory substitute for phenol but adequate exhaust would have to be provided due to the odor.

Walnut samples are being prepared to permit artificial wood graining. Attempts will be made to selectively densify areas to determine if this effects final finish.

COLORING & PLATING

Gold plating of "One of 1000" skeet frames has continued. A total of one hundred-twenty (120) have been completed to date.

Chrome plate tank has been thoroughly cleaned and new heaters installed. Solution has been transfered back to the tank and adjusted. Chrome plating can now be done.

P.H.E.:bd
Ilion Research Division