

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington
1923PETERS
1923cc: C. B. Horkman
J. P. Linde
C. F. Prosser

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

March 18, 1975

E. R. CARR

PROGRESS REPORT M/600 - SAFETY CONTROL

All assemblers have been instructed in how to check for the gun firing when the Safety is released. Included in this instruction is the technique of attempting to hang the Safety up halfway between the on and off positions. The instructions will be included in the Process Records by 3/21.

An operation to swage the coming surface of the M/600 Safety is being done. This provides additional lift on the Sear.

Research is contemplating several design changes on the M/600. These include the following:

1. Heat treating the Housing stamping. This is currently soft and the Safety Detent Ball wears a groove in it which facilitates the Safety hanging up.
2. A change in the Safety to provide additional lift of the Sear.
3. A redesign of the countersink on the Housing to provide a minimum flat between the on and off position, which will mean a more positive Safety.
4. Eliminating the stamped Housing and going to side plates and spacers similar to the M/700. Costs are being developed on this proposal to determine if it is economically feasible.

J. W. Bower
J. W. Bower
Sr. Process Engineer

JWB:jc

Bob- Add to this list a positive method of measuring sear lift when the safety is in the "On" position to a "gage" tolerance range.

Clark

(note) Either optically or on dial indicators.