REMINGTON ARMS COMPANY, INC.
INTER-DEPARTMENTAL CORRESPONDENCE

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Xc: J. W. Brooks
       J. S. Martin
       F. E. Martin

*"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"*_____

February 16, 1982

TO: C. B. WORKMAN

FROM: T. L. CAPELETTI

SUBJECT: FEEDING MALFUNCTIONS IN THE M/700 .222/.223 CALIBERS

       Attached are copies of two memoranda from Fred Martin and some recent Gallery Reports (for 2/3, 2/4, and 2/5) highlighting what I feel is an excessive feeding malfunction rate on the M/700 .222/.223 caliber rifles. The Gallery Reject Rates on the attached Reports are typical of the rates (20 - 30%) experienced over the last couple of months. I asked Jim and Fred to indicate what they felt the problem was and how we might improve the feeding in these calibers. Fred indicated that the problem is at least partially (if not predominantly) due to not having a follower, spring, and magazine box design adequate for these calibers. Therefore, we could indeed improve the function of these rifles with some redesign in the magazine area. In addition, the M/600's in these same calibers have a different feeding ramp in the receiver and in general have experienced fewer feeding malfunctions. Tooling for the M/600 receivers could be used on the M/700's. However, redesign of the follower is also required and we would recommend use of the "no bind" follower. In view of the design related nature of these malfunctions, I have asked that Fred pursue this program as time permits.

       In order of decreasing priority, Fred's programs are as follows:

- M/700 Fire Control Design

- M/7 Development

- M/700 .222/.223 Caliber Feeding Malfunctions

- Common Receiver Design

R2512487

I propose integrating these with the M/700 ADL/BDL Upgrade and Scope Mount
programs for inclusion in the Bolt Action Rifle Strategy/Business Plan. I will
request a definitive schedule including program steps and timing leading up to
implementation of at least the top three items on the above list.

TLC:ws
Attach.