

*chron. file*

**REMINGTON ARMS COMPANY, INC.**

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" \_\_\_\_\_

Ilion, New York  
January 16, 1975

TO: J. P. LINDE  
FROM: F. E. MARTIN  
SUBJECT: STATUS PRESENT WORK ASSIGNMENTS  
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M/700

Product improvement work in progress consists of the fully enclosed bolt plug, including lightweight firing pin and firing pin head. Work has progressed to test, where it was found that the desired life of 50,000 dry cycles could not be met. Breakage of parts has been reduced thru changes in design. Wear is now the problem. An assembly change has been made but no testing started. It is felt that the need and urgency for these changes be determined and a completion date set.

M/788

Work being done on this model is in product improvement area. A new firing pin, firing pin head and bolt plug have been drawn up. Process and Methods & Standards are preparing economics on the individual changes listed above. In preparation of economics of firing pin head, it was found that from Jan. 1972 to July 1974, only four (4) customer complaints for a broken or cracked firing pin have been recorded; where for the same period, 227 customer complaints for broken bolt handle, not mentioning the number found in the process or at assembly. I question the need for a change in the firing pin assembly and feel that a change in the bolt handle area is over due. Also, some cosmetic improvements should be considered.

To: J. P. Linde  
From: F. E. Martin  
Subject: Status Present Work Assignments

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M/40XB RIM FIRE

Some product improvement work has been done on revising the firing pin, bolt and loading ramp areas of this model. Some parts have been made, no testing has been done and more design work is needed to bring this project up to date. A complete review of this rifle would help to decide how extensive these changes should be.

XP-100

Product improvement work has been done on this model based on M/700 firing pin bolt changes. This work was done based on SAMMI letter dated 8/7/74 from H. Hampton to Comm. members outlining safety standards applicable to firearms (handguns) manufactured and assembled in New York State. C. B. Workman requested testing to determine if M/700 modification would meet requirement 4.3 of proposed safety standards. Cost estimates and the alternate method should be looked at.

TRAPS

My contact with the 4100 series traps was limited until after J. Alday left Remington. Prior to this I had worked only on the mech. trap for Jim Alday. After or shortly before Jim left, it was decided that a skeet unit was necessary for the new trap line and I was directed to assemble the previously designed proto-types for evaluation and testing. Some design changes had to be made in the base casting. These were done and by September 1974 two (2) proto-type skeet traps were assembled and installed on #2 skeet field, Ilion Fish & Game Club. Testing and evaluation are continuing. Skeet trap assembly was accomplished by using parts already in use on T. Trap. There are less than ten (10) new parts used on skeet trap including base. Design package and parts list are presently 97% complete. Mech. trap design package and parts list 100% complete-not transmitted.

FEM:B  
Ilion Research Division