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RD-44-6

**REMINGTON ARMS COMPANY, INC.**

INTER-DEPARTMENTAL CORRESPONDENCE



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

Illon, New York  
January 9, 1981

TO: T. L. Capeletti

FROM: J. S. Martin

SUBJECT: M/700 Bolt Lock - M/788 Safety

A meeting was held on January 8, 1981 with John Linde and Process Personnel to resolve the problems on the M/700 bolt lock and the M/788 safety designs.

The bolt lock design was covered first and a complete review of each component was discussed as to the design/cost, etc. The plunger will be looked at again (.0234) and the bolt handle. New quotes will be made. The rest of the parts were inspected for design/cost, etc. and found to be in line. Other designs were shown including the latest and the cost savings vs. the appearance and acceptability was not that much greater.

It was agreed upon that we will stay with the design we now have. Five models are complete and ready for test.

It is my opinion that we should finalize the bolt lock design as is, finish the testing and if proven satisfactory with the new fire control design, make a proposal to the committee that this be approved.

If there are objections, the other proposal would be to just remove the bolt lock completely and go with our present M/700 design fire control.

The M/788 Safety

The design was reviewed and explained to the Process Engineering Personnel.

It was suggested that a large sample of springs and plungers be purchased and our present safety lever be altered to the new angle 100° included and

M/700 Bolt Lock - M/788 Safety

page 2  
1-9-81

try the design of the new safety force (on and off) to better prove the design. The only other thing left would then be to add the new head design the way we have it.

It is the opinion of the writer that this is a good way to go and we have full cooperation from Process Engineering. We should propose the design this way to the committee, show the new design lever and ask for approval to proceed in this manner.

JSM:ws  
Firearms Research Division