

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



*Development Schedule  
Zolder*

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

Ilion, New York  
January 21, 1980

TO: C. B. WORKMAN  
FROM: J. S. MARTIN  
SUBJECT: BOLT LOCK AND FIRE CONTROL DESIGN  
FOR M/700 RIFLE

Meeting was held with Fred and Glenn to discuss the development schedule for dates, also a review of the two items was given in detail. The dates listed in this report reflect the closest time schedule without having any new design changes given. The preliminary design for both items is May 1, 1980. We should have a July 1, 1980 date for Product Acceptance. We plan after project authorization has been made to transmit to the plant in Sept. 1980. It will then take the plant at least 6 to 8 mo. to tool up for both items, so we are looking at either March 81 or May 81 for pilot work complete. This means if a Dec. date of 1981 is needed it would give the plant time at either end of the pilot test.

The bolt lock could come ahead of the fire control by about 6 mo. At this time we would like to have them show the same dates on the development schedule.

STATUS ON DESIGNS

Fire Control - Design "A"

All parts have been heat treated and assembly has been made. All desired functions have been achieved. However, there are two design changes to be made. One is the addition of a detent system for the safety, the second is the redesign of the sear spring. The design alteration will be complete and ready for visual evaluation in two weeks.

Bolt Lock - Design "A"

Parts have been received and heat treated, also assembly has been made. At this time there is problems with the detent system. It is planned to enlarge the latch and correct the detent problems and fabricate a new model by mid Feb. 80.

To: C. B. Workman  
From: J. S. Martin  
Subject: Bolt Lock and Fire Control Design for M/700 Rifle

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STATUS ON DESIGNS (Cont'd)

Fire Control Design "B"

Parts have been received and assembly has been made. Problems with this design include a trigger block and a sear redesign will have to be made. The problem area parts are in the model shop for alteration and also a new sear has been designed to correct the trigger block problem. Changes are scheduled to be complete and ready by mid Feb. 80.

Bolt Lock Design "B"

All the parts in this design have been re-drawn to be made larger. The design will go in the Model Shop and completion of the redesign is anticipated by March 1, 1980.

SUMMARY:

The two fire controls are behind schedule and do need changes to function properly. A good review will have to be made when these are assembled and ready for our inspection. Both designs look like they can be made to work the way they were designed for. The bolt locks are straight forward. Latch systems and changes to increase the size of the components will help make these designs practical.

There will be a review of the designs on a weekly bases and a report on their progress given.

JSMartin:bd  
Ilion Research Division