

Xc: C. B. Workman
F. E. Martin
T. G. Bauman

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

October 26, 1982

TO: T. L. CAPELETTI
FROM: J. S. MARTIN *JS*
SUBJECT: BOLT ACTION RIFLE PROGRAM

Introduction:

The new bolt action rifle program is designed to replace the M/700 BDL in 1985 or 1986. The project is to come up with a bolt action rifle with a complete new look. The stock will be a Bob Emmons' creation with a schnabel type fore-end tip. The action will be a M/700 type but have a new extractor design. The receiver will be octagonal designed with a new bolt handle and bolt release. The bolt plug may house the bolt lock and will have an octagonal type configuration to match the receiver. The safety has not been defined at this time but could be a tang type or three-position on the bolt plug. The barrel will have the hammer forge effect (diamond) and be free of sights. It is planned to have an integral type scope mount with matching rings. The trigger is to have an external adjustment and will not adjust less than 3#. The magazine box will be the rotary type that can be detachable or fixed.

Progress to Date:

Three stocks have been made by Bob Emmons, the last being a stock that production agreed upon. The fourth one will be made when Pete Grisel (a metal worker) has completed his thing on our barrel action.

Fred Martin has four actions in process — 2 short, 1 long, and 1 extra long anticipating a new shell from the Ammunition Research Department in Bridgeport.
Completion Date =

A rotary type magazine box has been detailed and is now in our N/C Shop to be fabricated. Out Date =

Tom Bauman has finished a new designed extractor and it is in the Model Shop for fabrication. Out Date =

Summary:

If we plan to announce this gun for 1985 — warehouse in November 1984, we must transmit to the plant 18 months prior to November 1984. This means May of 1983. With 1982 almost gone and only two people working on the project, things have to change.

I will need two more engineers and a top priority to complete this job as scheduled. Also, I will need commitments of the design specifications in writing. There are too many things up in the air at this time — i.e., safety, trigger, bolt lock, etc. This I have trouble with. I think we need an outline or business plan that will again take us through this project on-schedule.

JSM:ws

BOLT ACTION CENTERFIRE RIFLE DEVELOPMENT

- Objective: Strengthen market position with new product
- Approach: Develop replacement for Model 700 BDL
 - New styling (Bob Emmon's stock)
 - Improved function
- Schedule: Introduce November 1984
- 1983 Manpower: Four (4) Assignable Exempt

BOLT ACTION CENTERFIRE RIFLE DEVELOPMENT

- Styling
 - Bob Emmon's stock
 - Octagonal receiver
 - Hammer marked barrel
 - Integral scope mounts
- Function
 - Rotary magazine
 - Fully enclosed claw extractor
 - No bind/easy lift bolt
 - Integral recoil lug
 - Redundant (double block) safety
 - Fully adjustable fire control

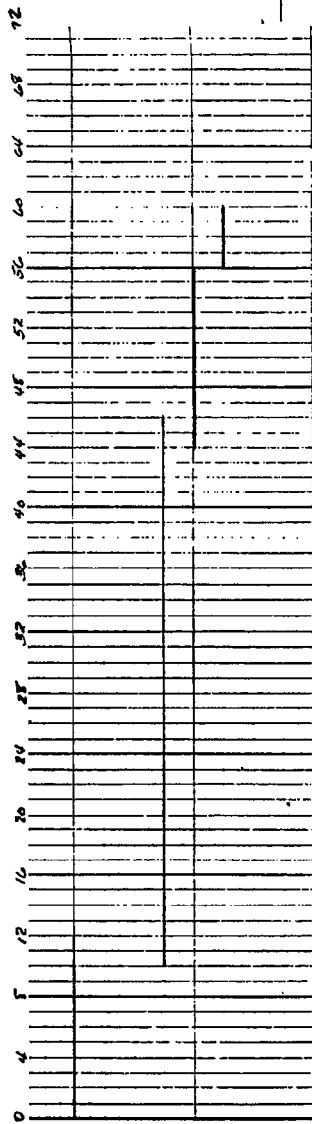
BOLT ACTION CENTERFIRE RIFLE DEVELOPMENT

Schedule

- Preliminary Design : December 1982
- Product Acceptance : August 1983
- Pilot Work Complete : May 1984
- Warehouse : October 1984
- Announce : November 1984

BOLT ACTION CARBINE

EVENT \ WEEKS
 OBTAIN ADVANCE FUNDS
 START TOOL DESIGN
 (APPROX 1000 HOURS)
 PROJECT APPROVAL
 ACQUIRE TOOLING AND
 SPECIAL MACHINES
 TRIAL & PILOT
 R&D VERIFICATION TESTING
 DESIGN AND/OR ADDRESS R&D
 PRODUCTION TO WAREHOUSE



Explanatory Notes

- Cancellation charges are based on:
 - 30% of actual cost of vendor tooling if cancelled
 - 10% of machine cost if cancelled within the first month
- Total advance authorization requested includes:
 - 100% of tool and machine design fees,
 - the total of the cancellation charges.
- Certain assumptions were made in the preparation of this write-up. They are:
 - Design will be firm when transmittal is made.
 - The three quote requirements will be waived on critical tooling if necessary to obtain best possible delivery.
 - The initial order for cutters will go to Teleron to assure best delivery.
 - The present average lead times for machines and tooling will remain stable.
 - There will be no significant design changes between Trial & Pilot and production.
- Magazine Follow-ups were estimated without quotations.