

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington
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PETERSF-146
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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"_____

Ilion, New York
March 9, 1983

TO: R.E. FIELITZ
FROM: C.B. WORKMAN
SUBJECT: HIGHLIGHTS FOR STAFF MEETING

Model Seven Lightweight

Reinforcing screws have corrected the Stock cracking problem.
The plant is now producing Stocks with the added screw.

Eighty Four (84) 308 Caliber production rifles that had encountered floor plate cover opening problems were assembled with new Stocks with reinforcing screws and heat treated trigger guards. Six (6) floor plates opened. One was due to a bent spring. Another to braze separation on the trigger guard plate. The other four have not been analyzed.

Floor plate bases and trigger guard plates have been ordered from a thicker stronger material to test with the heat treated trigger guards.

The thicker trigger guard plates brazed to the present floor plate base will be ready this week to test with the heat treated trigger guards.

The thicker floor plate bases will be ready in April to be tested with the thicker trigger guard plates and heat treated trigger guards.

A new latch/spring that will hold the latch down against the trigger guard plate will be ready for testing in two weeks.

Model Seven Lightweight - Contd.

Ten (10) alternate design trigger guards similar to the Model 700 will be ready for testing by the end of March.

.223 Caliber rifles are in test with the new no-bind prototype followers. Testing will be completed in March.

Model 7400 Carbine, .223 Caliber

Four (4) prototype Model 7400's in .223 Caliber were completed for Marketing evaluation. Twenty (20) guns are now being assembled for Design verification testing.

Engineering drawings have been provided to Production for economic evaluation except for the 10 round magazine.

We estimate three months to develop a design for a 10 round box.

Bolt Action Rifle

A new bolt action rifle to replace the Model 700 Classic is being developed. It will be designated the Model 700 LIGHTWEIGHT. Design specifications have been reviewed and a model will be available by April 1. Parts List and drawings are complete with the exception of the Stock which will be furnished by early June.

Work is continuing on the replacement for the Model 700 BDL. A prototype with octagonal receiver will be completed in April.

Model 1100 Special Field

Research has completed the necessary models and transmittals to satisfy the needs of Production and Marketing. Trial and Pilot is now underway and Research is providing technical assistance in this effort.

The Stock Former for the 12 Ga. is being made by the Research N/C Shop. A hardwood former will be completed and tried on Production equipment on March 9 and if satisfactory, an aluminum former will be made for release to the Tool Room by March 11. We estimate about three days work will be needed by the Tool Room to finish the former for production.

To: R.E. Fielitz

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Model 870 Special Field

A sample of the final design specifications approved by Marketing has been assembled. Drawings are 90% complete to those specifications. These will be sent to process for economic evaluation by March 15. Five (5) 12 Ga. prototypes are currently undergoing endurance testing.

Injection Molded Metal and Ceramic Components

Development of an injection molded Model 700 magazine follower is progressing. Warpage of the sintered part has been reduced significantly. Additional parts will be processed next week (week of March 14).

A revised cost estimate has been made. It verifies a very healthy reduction in factory cost.

Implementation of the follower into saleable guns is anticipated for August 1, 1983.

Cut Checkering Machine Development

A purchase requisition has been written for a four-spindle Bostomatic CNC Machine to cut checker pressed wood. Machine delivery is expected in July.

Selection of a machine for sanded wood should be made in April.

CBW:js
Ilion Research Division