

December 3, 1992

TO: Ken Soucy
FROM: Jim Ronkainen

SUBJECT: November Monthly Report

M/700 SS for 1993

Trial and pilot for the 1993 M/700 SS offerings has been delayed due to stock availability. A definite date for the the T&P has not been set, as it hinges on the availability of Remington produced synthetic stocks. The issue of sound deadening material in the butt of the stock still has not been resolved.

M/700 Synthetic Stock

John Remington of the Custom Shop made a wooden master stock for laser digitizing the outside form of the Remington produced synthetic stock. The data file from the digitizing vendor is expected late this week; analysis, modification, and surfacing of the file will be done by David Findlay. The file will then be sent to an outside consultant to perform mold flow and cooling analyses to optimize the stock shape and the positioning of the cooling passages in the dies.

M/700 DM

The prototype trigger guard has been delayed in the NC shop due to production of OU barrel spacers. Bob Sanzo has committed to finishing the trigger guard by 12/15. Making the trigger guard in the tool room or on the outside is being investigated. Rifle ATO has started on the final project estimate for this project. Several parts of the estimate have fallen behind schedule and will need to be pushed in order for the project to be written and signed in 1992. The tool room provided sample magazine springs and latch springs for the prototype box. Early testing has shown that modification of the feed lips will be necessary to ensure proper feeding of cartridges from the magazine. The possible changes have been discussed with the vendor and will not impact tooling cost or piece price of the magazine. Work on the short action design will begin shortly.

M/700 CS

Polypropylene short action BDL stocks still have not been approved for production. Cosmetic defects on the bottom of the stock and reinforcement of the rear surface of the recoil lug must be addressed by the stock vendor prior to approval for production.

M/7

A design to modify the feed ramp cut in the M/7 receiver has been given to production for evaluation. The additional feed cut at 45° on the M/7 has been difficult to make since the M/7 went into production. The proposed change will reduce cutter load and the amount of material removed by 31% while maintaining the same bearing area for the bottom locking lug. Samples will be made during the next M/7 production run and tested for strength.

M/870 Feed Latches

The design for the small gauge left hand feed latches has been changed to ensure the part will meet the nominal tip deflections given on the print. The 20 gauge sample latches will be approved for production shortly.