

April 2, 1993

TO: Ken Soucy
FROM: Jim Ronkainen

SUBJECT: March 1993 Monthly Report

M/700 DM

Casting drawings for the long and short action trigger guard are complete and at the vendor. Drawings for machining the cast trigger guards are in process. The short action prototype trigger guard was received from the Tool Room. Long action trigger guards for design acceptance testing are underway in the Tool Room and R&D NC Shop. Tooling for the production trigger guards is on schedule for a July trial and pilot.

Two prototype long action boxes passed inspection and were assembled. Both boxes have been function tested and feed the shells consistently. A short action prototype box is being made at the vendor. Long action boxes for design acceptance testing are being made at the vendor and will be complete by the week of 4/12/93. Tooling for the long action production boxes is on schedule.

The Tool Room has been inletting and machining prototype stocks to help me determine the optimal angle for the finger groove cuts in the sides of the stock. The sample with a 37° angle provides sufficient finger room while maintaining the proper aesthetics of the cut. Prototype stocks for design acceptance testing will be made in the Tool Room. Maurice Monteau and the Remington Technical Office in Lexington have copies of the advance print for the stock machining. The machining and finish build up experiment for the trigger guard inletting is still in process at S&K. To date, testing of the magazine box has shown less sensitivity to inletting depth than previously thought.

Tooling quotes for the MIM components are underway. The tooling and process development for the magazine latches appears to be the critical path item to achieving the July T&P. We are investigating the possibility temporarily making the latches as investment castings with some secondary machining operations so that parts will be available for T&P. MIM latches would be phased in as the tooling is ready.

Design acceptance testing is scheduled for late April.

M/700 SS for 1993

The revisions to the drawings to add jewelings to the bolt and update the plating specification for the floor plate latch are complete. Trial and pilot for this product needs to be scheduled with the R&D Test Lab.

M/700 Synthetic Stock

Model drawings for the recoil pad, backer plate, and grip cap are complete. Part numbers have been assigned to all stock blanks, stocks, and stock assemblies. Detailing of the stock drawings will be started as detailing time is available in the CAD group. Trial and pilot for the new stocks needs to be scheduled with the R&D Test Lab.

M/700 Classic for 1994 - 6.5 x 55 Swedish Mauser

Transmittal of the drawing package is still on hold pending the outcome of SAAMI's debate over the correct chamber and cartridge dimensions for this caliber. The decision to go forward with this caliber or select an alternative will be made at the April Product Team Meeting.

M/700 VS-SA

Responsibility for this project has been turned over to Ed Ford due to constraints on my time with the M/700 DM.