

October 28, 1992

TO: Ken Soucy  
FROM: Jim Ronkainen

SUBJECT: October Monthly Report

M/700 SS for 1993

The design package for the latest changes to the M/700 SS for 1993 has been transmitted. Sample silver powdercoat powders for color evaluation are on order from several vendors. With the help of the custom shop, two rifles were built to the latest specifications for the hunt at the CX ranch. The remaining guns for the writer's seminar are being built by Dick Frappier. The stock for this rifle was transmitted without any sound deadening material in the butt of the stock. Further evaluation is necessary to determine the necessity of sound deadening to the perceived quality of the stock. \*

The size and position of the bolt lock slot on the M/700 SS bolts was evaluated to see how much latitude there is for repositioning it to increase the material thickness at the base of the cut. Production has noted occasional cracking through the root of this cut at bolt handle braze. The layout showed there is no room to reposition this cut without interfering with the locking arm of the safety. ATO is evaluating machining on the hardened bolt after bolt handle braze.

M/700 Synthetic Stock

I am assisting the rifle ATO group with the design and development of a Remington made injection molded synthetic stock. The stock will be used in place of the current vended stock for the M/700 SS, M/700 CS, and their variants.

M/700 DM

The prototype for the M/700 DM (detachable magazine) was presented at the October Product Team meeting. The overall comments on the design were very good even though the prototype lacked the proper trigger guard. Bob Sanzo is in the process of cutting a sample trigger guard to model drawing on the new wire EDM. The correct trigger guard will allow the proper evaluation of stock fit and the aesthetics of the design. The complete prototype system is expected to be ready in mid-November.

M/700 CS

The drawings and parts list for the M/700 CS were updated to allow production to use standard components rather than special reduced finish parts to make the barreled actions. This allows production to simplify their processing and increase their flexibility by designating the end use of the components as late as possible in the process.

M/7600 Special Requests

The design package to add two shot magazine boxes for the M/7600 was transmitted. Work to add the 7x64 Brenneke to the M/7600 was stopped after the order was canceled.

Canadian Ranger Rifle

Dave Findlay has picked up responsibility for this project.

M/870 Feed Latches

Preliminary 20 gauge feed latches have been received from the vendor and are currently being evaluated by ATO.