

August 28, 1993

TO: Dick Jackson
FROM: Jim Ronkainen

SUBJECT: August Monthly Report

M/700 DM

Design acceptance (DA) testing of the M/700 DM continues in the R&D Test Lab. Long action standard caliber test guns have performed very well so far in testing. Magnum calibers have shown a tendency to occasionally release the first feeding cartridge too violently, causing feeding malfunctions. I believe this may be related to a combination of the release point on the feedlips of the magazine and the high load of the magazine spring when three magnum shells are loaded in the magazine. The new high speed video system in the Test Lab will be utilized to diagnose the reason for the violent release of the cartridge.

The sample guns for the catalog guns were built and shipped to marketing in early August. Two individual magazines were also provided for accessories pictures and for use in background pictures for the catalog. A cut-away rifle illustrating the "three rings of steel" and the new magazine box system will be complete August 31. A long and a short action magazine were provided to purchasing for development of the blister pack for aftermarket sales. The owner's manual for the M/700 is being rewritten to include instructions on the use of the detachable magazine and to include it and several other new models in the parts listing at the end of the manual.

The first phase trial and pilot for the M/700 DM is going to start next week. Highlights in the processing of the parts is covered in the monthly reports of the ATO engineers. Daily meeting minutes also cover these items in detail.

M/700 Synthetic Stock

The R&D Test Lab released production to use the new synthetic stock in late June. The only functional items that remain to be addressed are sound deadening for the butt of the stock and a softer recoil pad. The remaining product structural item is the usages of the new stock for the M/700 CS (Camo Synthetic) and the full blown model drawing for the stock blank.

M/700 Classic - 6.5x55 Swedish

A sample gun that experienced feeding malfunctions was returned to Ilion by marketing after the African safari. This gun will be tested to determine the cause of the feeding difficulties as time permits.