

Date: October 22, 1990

xc: D. J. Anderson
J. R. Snedeker

To: R. A. Jackson

From: Frank R. Wrisley

Subject: M/700 Bolt Test - Eliminate Shroud over the Paddle Cuts

I met with Jim Snedeker at 8:30 AM this morning and we agreed on the following test design. There are possible design changes on the barrel and receiver pending; test guns for the bolt test will have the new configuration. Bolts for test will be prepared on the FADAL with the operations run in normal sequence.

M/700 - Regular Calibers

Function Test to 2,000 rounds in the R&D Test Lab - (3) guns of any convenient calibers (Jim suggested 308 Win., 270 Win., and 30-06 Sprg.) Look at feeding and extraction malfunctions and make periodic visual observations on the exposed sections of the extractors for brass deposits.

Intentional Abuse Test on the (3) guns from the function test.

Test a couple hundred guns in the gallery to 20 rounds each. Shoot a minimum of (30) guns of each caliber, and look for differences in malfunction rates, comparing against historical malfunction rates.

If the guns pass the above tests, the design change would proceed.

M/700 - Small Calibers, Model Seven, and XP-100

The above procedure would be repeated on the other models and calibers to obtain design acceptance.