

To: Ken Soucy
From: Ken Rowlands/Tom Bauman

MONTHLY REPORT - FEB. 1993: OVER/UNDER SHOTGUN

The "Peerless" has so far received good reviews from a number of gun writers who attended the seminar in Kansas.

Endurance testing of three guns of the latest design, with raised water tables and a larger corner radius at the breech face of the frame, is continueing. One gun has reached the 50,000 round level goal. The other two guns are at 39,000 and 26,000 rounds. All of the rounds fired have been 3" magnums, and all through the top barrel, this being the highest stress condition that the guns will experience.

All of the major components, except for stocks, fore-ends, ejectors and front barrel spacers, have so far survived the test. The stock failures are probably jack related. Design and/or process improvements have been developed to address the remaining failures.

Some minor malfunctions have also been experienced, such as screws falling out, light firing pin indents and failures to eject. These have been caused mainly by out-of-spec parts, which will be addressed before trial-and-pilot begins. All screws will be vibratited or loctited to prevent loosening.

The three gun packaging shake test, conducted at R.I.T., confirmed the durability of the new foam insert. One small area would benefit from additional strength, but changes to the mold will be delayed until after the first shipment of 2,000 inserts, which will satisfy our immediate needs.

The Peerless Instruction Manual is now complete, deliveries from the Printer should be arriving approx. March 17. Work on the Field Service Manual is again underway.

The following potentially patentable features of the gun are being discussed with our patent attorney:

- * System for converting from automatic to manual safety.
- * Cocking rod camming system for automatic ejectors.
- * Fore-end iron to frame tensioning system.
- * Top lever radial adjusting system.