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MONTHLY REPORT - MAY 1993: OVER/UNDER SHOTGUN

A recent marketing inspection of finished guns determined that four areas still needed correction, these are:

- \* Excessive trigger pre-play.
- \* Looseness of fore-end iron adjusting screw.
- \* Excessive gap between front of fore-end and bottom of barrel.
- \* Safety switch wearing black oxide finish from top tang.

The first three items are easily corrected by finer adjustment of trigger screw, heavier staking of fore-end adjusting screw and exercising more care in fitting of fore-end iron.

To solve the safety switch problem, Process Engineering has proposed bevelling the bottom of the safety switch at the front, back and both sides. Although providing a perceivably looser fitting safety switch, no detrimental functional or wear problems were evident in 980 rounds of jack and field testing performed on one gun equipped with a modified safety switch.

MIM engineers have been informed of the proposed changes and they are investigating the feasibility of modifying the safety switch mold tooling to provide the four bevelled surfaces.

Marketing has furnished a list of specifications for the sporting clays gun. Work has started on the new overbored barrel and the target type stock and fore-end. A process is being investigated for finishing the frame and side plates with a silver/grey appearance. A maximum weight goal of 8 1/4 pounds has been established.

Technical information is being furnished to our patent counsel to describe the four potentially patentable features of the Peerless. The first three have been submitted and the final one is being worked on. Upon completion, work will resume on the field service manual.