

MODEL 870 COMPETITION TRAP SHOTGUN

The Competition Trap Shotgun is a special, single shot version of the Model 870 with a gas operated recoil reduction system added. It was previewed at the Grand American Handicap Trap Shoot last August and announced in December of 1979.

Production of the model has been delayed pending completion of design modification testing.

The tests on the fore end tube have been satisfactorily completed and design transmitted to the Plant.

Effects of a tight or loose magazine cap has been evaluated.

Two guns have been tested making sure the caps were tight. One gun went to 12,000 rounds with no breakages until the magazine tube separated. The other gun had a locking block break at 17,764 rounds. It was replaced and carried to 29,000 rounds. At 18,000 rounds three posts on the vent rib came loose.

Two more ~~production~~ guns are in test with shot peened and Harparized locking blocks. They have magazine caps and barrel retaining sleeves to model drawing ~~and they~~ have been shot 12,000 and 14,000 rounds. Both barrels have vent ribs coming loose. These guns will be ~~tested~~ *Continued to test* to 25,000 rounds ~~and the locking blocks checked.~~ *endurance.*

Three more guns have ~~been fired~~ *been fired* 2,000 rounds, ~~on them.~~ Two have shot peened and Harparized locking blocks ~~and~~ One has a Model 1100 locking block. They will be tested to ~~a minimum of~~ *a minimum of* 25,000 rounds.

New barrels are being processed with heavier walls, and are due April 1. They will be put in test when received.

BOLT ACTION CARBINE

The Carbine is a short barreled, bolt action, centerfire rifle that is under development as a replacement for the discontinued Model 600.

Five barreled actions in each of four calibers have been assembled and shot for accuracy. Results were satisfactory. Additional function testing will be conducted. The redesigned latch system on the floor plate ^{performed satisfactorily} ~~did not release~~ during firing. However, because it does not operate the same as ~~present~~ conventional systems and costs are questionable, we are developing a simpler design. A prototype ~~model~~ is being made.

Work is progressing on schedule for 25 models in 7mm-08 caliber for a Marketing field test.

3-28-80