

SHOTGUNSMODEL 1100, 20 GAUGE LIGHTWEIGHT SHOTGUN

R & D reported that previous endurance tests on the Model 1100, 20 gauge lightweight shotgun showed cracked Receivers and Magazine Tubes at 15,000 rounds. These tests were made using 75% skeet loads and 25% magnum loads.

A long Barrel Extension in this gun will make the Receiver too thin.

To increase endurance life, it was proposed to use 1140 modified steel for the Receiver and 8630 steel for the Magazine Tube. An alternate proposal would be to use a sleeve on the Magazine Tube at the Receiver junction. These changes possibly would increase endurance life to 30,000 to 50,000 rounds. 83

The present lockup system is 75% as strong as the 12 gauge and should be adequate.

Six sample guns will be made for testing. Costs are to be estimated before starting a test program. Testing should be completed in February, 1973.

Marketing reported that endurance life of the 20 gauge lightweight shotgun must be equal to the current 12 gauge to be acceptable for a skeet gun. Endurance life of 12 gauge skeet and trap guns is becoming less acceptable to more customers. It was suggested that the 1140 modified steel be tested in 12 gauge trap gun Receivers.

MODEL 870 "ALL AMERICAN" 12 GAUGE TRAP GUN
(Introduction 1972)

Production reported that Model 870 "All American" guns have been assembled with slave Stocks and Fore-ends to meet the August production schedule. Components are being engraved for September production.

Stocks have been selected that can be N/C checkered without causing interference in the machine. These Stocks are being checkered in Wilmington.