SHOTGUNS - contd.

MODEL 870, 28-410 GAUGE
MODEL 1100, 20-28-410 GAUGE - contd.

grade 410 gauge 3" chamber guns was satisfactory. In the 410 gauge 2½" chamber skeet guns, malfunctions occurred due to variations in the guns and ammunition. In retest with a controlled fit of the Gas Cylinder and the Piston Seal, performance was improved. The guns would accommodate the major portion of the variations in ammunition.

Production is to remove all Model 1100, 410 gauge 2½" chamber skeet guns from the warehouse and match the Gas Cylinder and Piston Seal to the clearance dimensions set up by R & D. After satisfactory retest, warehouse shipments can be made.

For gun assembly, Production is to set up a procedure to match Gas Cylinder and Barrel Seal dimensions for all Model 1100, 410 gauge guns.

R & D is testing to determine if the orifice size of the Model 1100, 410 gauge 2½" chamber Barrel can be increased. The use of two holes instead of one is also being studied. This is to overcome the problem of loss of power if the slot in the Barrel Seal lines up with the Barrel orifice hole.

The initial Model 1100, 20 gauge lightweight model gun was tested 34,000 rounds. A second gun should be completed for testing by the end of June.

For use as reference guns, R & D is selecting ten (10) each in 28 gauge, 410 gauge 3", and 410 gauge 2½" chambers, all of which will have been proven to function at both the maximum and minimum established impulse limits. Five (5) each of these guns are to be supplied to Bridgeport R & D and five (5) to the Bridgeport Plant.

R & D is selecting a Model 1100, 410 gauge average 2½" chamber skeet gun to be sent to Federal. Shipment should be made by the end of June. Through Marketing contacts, Federal is to be advised that Remington is interested in the test results.