

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

carried over for the new Models 870 and 1100. Tests now indicate that by using the 55° SAAMI specification, the performance of the 28 and 410 gauge Model 870 and 1100 is improved. Model drawings have been issued to the Plant for this change.

Model testing has been good except that in the Model 1100, firing Winchester, Federal and CIL 3" 410 gauge paper body shells, there were some malfunctions due to pulled heads. A manual adjustment of the gas system would be necessary to solve this problem. No change to the gun design is proposed at present to reduce this problem.

R & D expects to ship five (5) sets of model guns to field representatives by the end of September. A sixth will be shipped the first part of October after use as a display for a Management meeting. The set of model guns now in the field probably should be returned to Ilion for the chamber correction. R & D will review with Marketing.

To date, the field testing of model guns has generally been satisfactory. There were minor extraction problems.

September 9, the Plant started pre-pilot assembly of Model 870, 410 gauge guns. To do this, there were quantities of six (6) components made complete; secondary operations performed or altered in the R & D Model Shop. In test, problems of shell feeding and extraction developed. Changes are being made to correct the condition.

A similar program is being followed for the Model 1100, 410 gauge. It is believed that pre-pilot guns can be assembled in October.

The change to the Barrel chamber and related operations as reviewed by R & D requires tooling and Remington machine revisions. Formed Carrier and Magazine Tube Insert blanks will not be available from the supplier until November. Blanks and tooling for the Adjustable Skeet Weight should also be

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