

necessity for adding filler pieces in the receiver to assist in feeding the smaller shells in the large 12 gauge receiver. They believe that even with such filler pieces, considerable difficulty might be encountered in obtaining smooth feeding.

In addition to these factors, the Plant would hesitate to consider producing other guns using this type of barrel construction until the problems encountered in producing the Model 572 Lightweight guns have been overcome. For these reasons, Research and Development reported that unless there was serious objection, they would defer consideration of this suggestion.

AP Grade Fore-End

The adoption of the ADL type fore-end for the AP Grade gun was approved without obsolescence. At the beginning of January, there were approximately 2,000 fore-ends of the old style in 12, 16 and 20 gauge awaiting assembly. Since the January, 1958 assembly schedule calls for approximately 3,400 AP grade guns in these gauges, it is apparent that the changeover in assembly will be effected in January.

SPORTSMAN-58

Ejector

A wider slot in the breech bolt required for the new ejector is being broached in 16 and 20 gauge guns and will be used when 12 gauge guns are next made. The vendor has been released to produce 12 gauge ejectors; a 16 gauge sample has been received and the vendor is making a minor change. The 20 gauge sample is expected in January.

It still appears that the changeover in assembly will occur in April or May.

Magazine Spring

A new flat magazine spring is being assembled in 12 gauge guns and will be used in 16 and 20 gauge guns as they are produced.

It had previously been reported that this spring would cost \$.06 more than the one previously used and Research and Development and the Ilion Plant had been requested to seek ways to reduce this cost differential. The Plant reported that further experience indicates that the reduction in testing and reduction in the cost of handling customer complaints will apparently reduce cost by an amount equivalent to the increased costs of the new spring. The end result, in their view, will be the production of a superior gun at no change in cost.