

SHOTGUNS - contd.MODEL 1100 AND 870, 12 GAUGE TRAP BARRELS
(Introduction 1972)

R & D has transmitted to Production a revision to the Model 1100 and 870 Trap Barrel to cover the choke dimensions for 30" and the proposed 34" lengths. Tests indicate that there is approximately a 3% tighter shot pattern. Production will provide the tooling to effect the change to the choke for the 30" Trap Barrel.

Committee Action:

The authorization of funds for the Model 1100 and 870, 12 gauge 34" Trap Barrel is deferred until 1971. The Arms Development Schedule indicates introduction in 1972. A project should be submitted and General Management approval to release to production requested the latter part of 1970. Expenditures would start the first quarter of 1971.

SHOTGUN CHAMBERS

R & D reported that testing of Model 1100, 870 and 11-48, 12 gauge guns having the SAAMI chamber dimensions has been completed. The major change is from a 45° to 55° heading angle. Tests indicate some increase in Bolt velocity in autoloading guns having the SAAMI chamber dimensions. This was not considered to be significant. There was an improvement observed in shot patterns; however, this cannot be considered as conclusive.

On the basis of the results, R & D proposes to release model drawing changes to the 12, 16 and 20 gauge chamber drawings without further testing. Production concurred with the proposal.

The heading angle for the Model 870 and 1100, 28 and 410 gauge is to the SAAMI specifications. The included angle of the chamber varies slightly from SAAMI.

Production plans to change over the 12 gauge Models 1100, 870 and Mohawk-48 to the SAAMI chamber dimensions in 1970 and the 16 and 20 gauge in 1971.