

SHOTGUNS - contd.MODEL 1100 SHOTGUN - contd.

Seven (7) Model 1100, 12 gauge shotguns having Barrels with the revised Locking Block notch were sent to the Manager of Quality. A procedure has been set up to test four (4) guns in the Bridgeport Plant Ballistics Unit and three (3) by the Technical Service Group in R & D. Test results will be reported at the December Meeting.

The stress testing by R & D has been delayed until coating material is available. Also R & D plans to dry cycle test Barrels having the revised locking notch as soon as equipment is fabricated.

Regarding the proposal to provide a shell catcher-deflector for the Model 1100 Trap Barrels, R & D reviewed several devices being sold and a design proposal. The attached Exhibit 1 outlines the function and safety aspects of each. The concept which is recommended is a modification of the orifice control provided on Model 1100 export shotguns to handle foreign ammunition. The proposed design would provide a detented adjusting lever extending between the Barrel and the Fore End. This would actuate a valve to control the orifice opening. As proposed, the shooter could close off all gas thereby containing the shell in the chamber since there would be no power to open the action. Degrees of opening the valve would allow each shooter to control ejection. Full normal function and ejection would result when the valve is fully opened. In a review prior to the meeting, Marketing recommended that this design be finalized and sufficient sample Barrels provided for a field test.

Committee Action:

As recommended by Marketing, upon completion of the design, R & D is to provide sufficient sample Trap Barrels with the lever control orifice device for field test. The cost is also to be estimated.