

SHOTGUNS - contd.MODEL 1100 AUTOLOADING SHOTGUN - IMPROVEMENTS - contd.. New Trap Barrel - contd.

Production is to develop a schedule with the goal of 1975 introduction.

. Action Bars

Strengthening Action Bars by adding ribs in critical areas is under development. Prototypes are being made by the forming vendor and will be tested. A sample was shown of a straight rib at the front. Additional material can be added at the front but this is more expensive.

. Fore-End Support

A new formed one-piece Fore-end Support is to be tried. A 20 gauge sample was shown. There is a tail with hook over Barrel Support to prevent movement. This will prevent the Action Bar Sleeve from hitting the Fore-end Support and may eliminate breakage.

A second method being studied is to braze the Fore-end Support to the Magazine Tube. This requires leaving the Barrel Support higher and machining the Receiver to permit dropping in the Action Bar Assemblies. This would also provide a stop for the Action Bar Assembly when the Barrel is removed. The Feed Latch provides this stop now and this contributes to breakage and loosening of the Feed Latch.

Operating Handle Detent

A layout and some detail drawings have been made for a new detent system to eliminate the dovetail cut in the Slide Block. The new design reduces the number of parts, eliminates the stress problem when putting