

SEMI-ANNUAL DEVELOPMENT SCHEDULE1. M/700-600 Fire Control Improvements

The design of the fire controls will be altered so the shooter will be able to unload a live round from the chamber with the safety in the ON SAFE position. For written record the alteration is being made to the fire control to make it more versatile. The preliminary design should be completed by September 1977.

2. M/700 Classic

The M/700 Classic is a rifle with uncluttered elegance. It features a straightforward stock void of cheek piece and Monte Carlo styled comb. The grip radius has been swung back to compliment the style of the stock. The grip section of the stock has also been thinned up to give the gun a more graceful appearance. The tough satin finish will be used on the stock in keeping with the classic theme. The stock will be cut checkered with the same basic pattern as presently used on the M/700 BDL rifle.

The BDL floor plate will be added to the classic rifle to give the shooter the added option of appearance and ease of unloading the magazine. The rifle will be offered with sling swivel studs only, the carrying strap will not be included.

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3. M/700 BDL Skipline Checkering

The M/700 BDL with skipline checkering dresses up the model while at the same time giving a definite model distinction between the classic and BDL checkering patterns. This change will also give Production approximately 10% more machine capacity on the checkering machines as the skip line has a shorter machine cycle.

8. M/40XR Sporter

We made recommendation that this model variation be dropped as a candidate for an addition to the firearms line. Because of the high selling price, limited appeal, and the rifle being only a single shot, we do not think it worth the bother at this time.

9. M/581 Single Shot Conversion

The object of this design is to give the customer the option of converting his M/581 clip fed repeater to a single shot rifle for training or for a young shooter who is just starting to shoot. The rifle at some later date could be converted back to a repeater.

This feature is accomplished by supplying the rifle with two molded plastic parts, one of which is a loading ramp-ejector installed in place of the magazine guide. The other part is a cover for the clip slot located in the bottom of the rifle.

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20. M/870 Trap Recoil Reduction

This is a design program of adapting the superior features of the 3200 Single Barrel Trap gun to the M/870. The main features are recoil reduction, equal to the M/1100; adjustable ventilated rib, for adjustable point of impact; and choice of two chokes for pattern control.

The design parameters are presently being determined and layouts have started on the adjustable rib and recoil reduction system. The design is being complicated by trying to tie features designed for a break action gun into one with a removable barrel. We are also trying to accomplish the design objectives by altering and adding as few parts as possible.

25. Mechanical Trap: MT1

The design and research testing has been completed on the MT1 mechanical trap. Eight model traps are presently being fabricated for Marketing to use in their evaluation. When Marketing is satisfied with the traps' performance the drawings will be formally transmitted to Production.

Mechanical Trap: MT SR

The design of the mechanical trap with cocking handle and solenoid release has been completed. This trap is being tested by Research.

As soon as the research testing is completed five additional traps will be fabricated for Marketing evaluation.

Research has met its objectives of developing a new mechanical trap family to replace the Blue Rock and Wonder traps. The new traps are an innovative design; they are safe, reliable, and well within the cost structure specified. The traps are fabricated completely from purchased parts and will require a minimum of Plant effort and support to produce.

With the addition of these two traps to our product line Research is curtailing any further trap development work on either mechanical or electrical traps. The Research effort will be shifted from trap development to the new gun development items previously mentioned.