

XC-6 RIFLE - Continued

It was reported that one of the objectives of the new design is to provide for a more rugged and stronger action. To do this, provisions have been made for additional material at the breech, in combination with a new locking system with a strength comparable to that of the M/721 Bolt Action Rifle. The receiver width will therefore have to be slightly wider.

The new design is now based on a 5-shot detachable rotary box magazine, which should eliminate the objections by Sales to the extreme depth of the magazine box shown on the original design. This allows better styling and the height of the receiver is now approximately the same as the present M/740. The proposed specifications for the autoloading rifle are as follows:

Actions:	Gas Operated, in combination with a new Remington locking system.
Barrel Length:	20"
Overall Length:	40-1/4"
Magazine:	5-shot - Rotary - Box - Detachable
Takedown Action	
Stock:	Molded Nylon
Drop at Heel:	2-1/4"
Drop at Comb:	1-3/4"
Length of Pull:	13.31"

The objective weight for the new rifle has been in the range of approximately 6 pounds, and it is believed that this still can be met with the most recent changes. However, this remains to be verified.

Model making has already been started and with the schedule for completion of first experimental model in December 1959.

GENERAL

REVISIONS FOR MODEL 740 RIFLE

The Research and Development Department reported on design changes proposed to improve functioning, versatility, and appearance of the Model 740 rifle. The following changes are intended to improve firearm functioning, which has been the source of customer complaints:

1. New bolt latch
2. Repositioned extractor
3. Larger ejection port
4. Revised firing pin and spring
5. Increased firing pin clearance in bolt
6. More rugged action bar and assembly rivet
7. Revised breech ring nut