

SHOTGUNS - contd.MODEL 1100X AUTOLOADING SHOTGUN
(Introduction 1978)

R & D reported that development of the Model 1100X is ahead of schedule at the expense of the Model 742X. It is believed that an appearance and functional prototype will be available in February. This prototype will not include the new gas lock system. Because of the need for an appearance sample now, the Model 1100 gas system will be used. The design of fitting the gas lock system into the gun has not been completed. This prototype gun will not be suitable for field testing.

The basic question requiring an answer soon is .. Can Remington sell a break-action shotgun?

CENTER FIRE RIFLESMODEL 742-X RIFLE - AUTOLOADING CENTER FIRE
(Introduction 1976)

R & D showed components of a Model 742-X rifle that had been subjected to high pressure test. The barrel had been plugged with five 220 grain slugs ahead of the chamber and a 52.4 grain proof load had been fired, producing an estimated pressure of 300,000 to 500,000 psi. The rifle did not explode. High speed movies showed gas escaping from the operating handle slot. The chamber was expanded and head space increased slightly. Various other parts showed damage but no failure.

Development is about one month behind schedule. The next five prototypes will be started in February or March.

Weight of the magnum rifle now is about $\frac{1}{2}$ pound over the goal. Model 742-X rifles will be heavier than the same caliber in the current Model 742. There is concern regarding weight. Several questions were asked which indicate that it is important not to over-design at the expense of increased weight.

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