

CENTER FIRE RIFLES - contd.MODEL 742-X RIFLE - AUTOLOADING CENTER FIRE - contd.

At this point, the rifle is about 1-3/4 pounds too heavy which is partially caused by machined parts which will be formed in production. The following features of the rifle were demonstrated or discussed:

1. The size of this model is for magnum (and ultimately the 12 gauge shotgun.)
2. Break action - for cleaning, inspection and bore sighting.
3. Strength of action to match or exceed the Model 700 rifle.
4. Removable fire control.
5. Take down - all the way.
6. Interchangeable Barrels and calibers - this would require a Barrel Assembly, Magazine Box and Bolt Assembly which would cost less than half the cost of a rifle.
7. Bolt with six lugs - keyed so that it would not be interchangeable with different calibers.
8. Repetition of point of impact on interchangeable Barrels.

The goal weight for the 30-06 caliber is 7-3/4 pounds and for magnum calibers, 8 pounds.

Marketing stated that they did not want the new rifle to be heavier than the Model 742. Further discussion on weights centered on the new autoloading shotgun which is to be part of this program. Marketing feels that a new autoloading shotgun heavier than the Model 1100 would be unacceptable.

The spring lock gas system does deliver the Bolt velocity required and the spring has not set in testing to date.