

SHOTGUNS - contd.MODEL 1100X AUTOLOADING SHOTGUN - contd.

gas system. One thousand proof loads were fired in one gun and head space increased 0.0015 inch. This compares to a head space increase to 0.009 inch above maximum with 200 proof loads in a Model 1100. The same test will be made on a Winchester Model 1400 shotgun. The second Model 1100X is at 1700 rounds of testing. Design changes have been made which decreased the malfunction rate from 3-4% down to 1%. It is planned to have a design that will meet any foreseeable future safety requirements.

Test shooting at targets will start in June. The new gas system design will be available for construction in July. In August, the redesign will be completed to correct errors and add a primary extraction cam.

The Model 1100X is ahead of schedule and is moving faster than the Model 742X. Contract designers account for 30% of the new model work.

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

R & D reported that completion of the second group of Model 742X prototype rifles is about three months behind schedule primarily caused by N/C machine downtime. Because of the delay, this group of prototypes has been increased from four to six rifles including two 30-06 and four magnums. Testing of these rifles will start in the fourth quarter and be completed in January, 1974.

An N/C machined Frame and vendor formed Top Tang were shown to demonstrate the excellent fit between the parts. These parts will be joined by electron beam (EB) welding. The small difference in weight of the two size Frames indicates that only the magnum Frame should be used. Development of the spring-gas lock system is progressing.

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