

SHOTGUNSMODELS XSG, XPG  
(1986 Introduction)

Research reported that, in laboratory test firings, the square wire action spring has exhibited a 1.5" set after 5,220 rounds including 4,870 rounds of short magnums. The gun still exhibits good closing velocities, but the test has been delayed due to action bar failures. Total malfunction rate during the test was 0.9%. Tests with the new rear locking system have been initiated and components are being assembled for tests with the new front locking system. All components for the new feed system have been released to the Model Shop for fabrication.

CENTER FIRE RIFLESMODELS 7400, 7600, FOUR AND SIX  
(1981 Introduction)

Production reported having now built all calibers in the 7400 family of rifles. Exhibit 18 shows the total guns, by model, produced to the warehouse. The limiting factor for producing Models Four and Six has been the Stock. Additional Stock turning capacity was brought on line in early November. This equipment, plus improvements made to increase the yield of Stocks, has enhanced production of these models.

A second item limiting rifles to the warehouse has been the higher than expected reject rate through the Gallery. It had been expected that, by now, the reject rate on the 7400 would be at least comparable to the 742. That has not happened. Therefore, a special task force, made up of Research and Production personnel, has been established. Principal areas of investigation at this time center around the Magazine Box, and power related malfunctions.

Research noted excessive gallery rejects that have been largely due to feeding malfunctions. Problems have been identified with magazine box fabrication, burrs on bolt lugs and barrel extensions, and lack of proper lubrication in bolt lug cam tracks. Smooth operation of these guns is very sensitive to proper treatment in all these areas.