

CENTER FIRE RIFLESMODEL 7400-7600 - Contd.

Production then reviewed the results of Gallery testing, (Exhibit 5). The data shown represents a limited number of guns, and in 30-06 caliber only. The major malfunction on Model 7400 and Model Four is "Doesn't Lock Up". This reject has been holding consistently at 7-10% since back in the trial and pilot stage. Production recently discovered an interference between the Breech Bolt and the primary extraction lug on the Barrel Extension. The interference is caused by heat treat growth. Production has worked closely with Research to correct the problem. A cut in the Barrel Extension has been altered to eliminate the interference.

The second most common malfunction is "Stem Override", which is magazine box related. The 7400 box is slightly different from the box used in the 742. It is thicker, and has a different shape on the front end. The follower and spring are identical to those used in the 742. Of the first hundred or so rifles shot with the new box, half of them were rejected for "Stem Override." Experimenting with the feed lips on the magazine has reduced the reject rate to 3% as shown in the chart. This is comparable to magazine box related malfunctions on the 742.

The only other malfunction accounting for 1% or more of the Gallery rejects are "Doesn't Blow Back" and "Doesn't Extract."

Production reminded the Committee that the reject rates presented are for rifles being test fired in the Gallery. Any rifles not passing the Gallery test are repaired before they leave the plant.

Final review of the 7400 is set for the October meeting. At that time, the 7400 Committee will make its final report. Also, final economics and production sample guns will be reviewed.

The Chairman asked about the schedule for additional calibers as it relates to the Outdoor Writers' Seminar, November 30. Production reported that of the three calibers the writers will shoot, the 30-06 is now in production, to be followed later this month with the 7MM EXP. REM.. The .270 WIN will be produced beginning in November.

Research reported that guns to be used at the Outdoor Writers' Seminar are being tested now. Five guns have been scoped, and accuracy is within specifications.

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