

IX. ENDURANCE

The purpose for the endurance test is two-fold:

1. To determine what effect, if any, the number of endurance rounds fired on a rifle have on its accuracy. (Covered in Section VII - Accuracy)
2. If any functional difficulties arise in 1000 rounds of endurance.

All the endurance testing took place at the Ilion Fish & Game Club 100 yd. range. All the rifles were shot in the jacks and were cooled after every 20 rounds with an air compressor as the source of air. Bore and chambers were cleaned every 100 rds.

This section is divided into three areas:

1. Breakages
2. Malfunctions
3. Remarks and Adjustments

Breakages

Two breakages occurred during testing. Both breakages occurred to the Winchester M-70XTR - 7mm Rem.Mag.

- Winchester M-70XTR - 7mm Rem.Mag. - Ser.No. G1390274

During the first 120 rds. of endurance, 30 Don't Lock Up malfunctions occurred. They were caused because the bolt would not fully cock. Each time this occurred the shooter would remove the bolt and finish cocking the bolt by hand. (Fig. No. 7)

Fig. No. 7

