

-28-

IX. Remarks and Adjustments ContinuedRemington M-700

- . The only problem with the Remingtons during endurance was that the action had to be lubricated every 50 rds. Hoppes' No. 9 oil was used. The action would lock and unlock very hard. The lubrication was applied to the locking lugs and the cocking cam surface of the bolt.

Ruger M-77

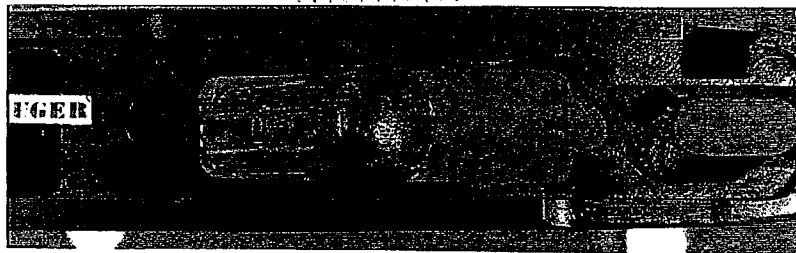
- . At the end of 1000 rds. the 7mm Rem.Mag. caliber rifle stock was cracked clear through at both webs. (Fig.No.13)
- . No lubrication was required on any of the three endurance rifles. They were tested just as they were received.
- . No difficulties in loading or with binding actions.

Smith & Wesson M-1500

- . Lubrication was required on all three rifles at the 600 rd. level. The actions were hard to unlock. The lubrication was applied to the locking lugs (Hoppes' No. 9 oil was used).

Winchester M-70XTR

- . Very easy to load magazine.
- . No lubrication was required, the bolts operated smoothly. (Exception: The 7mm Rem.Mag. rifle that was removed from test due to bolt related problems, explained earlier.)

Fig. No. 13

Note: Supplied in Appendix D is a copy of each instruction manual supplied with each rifle.