VII. Four of the competitors' rifles experienced accuracy problems at various round levels. When compared to the Remington Specs, the,

Winchester M/70XTR - 243 Win.Var. shot a group size of 1.8" at the 500 rd. level. This is .4" above our specs.

Smith & Wesson M/1500 - 7mm Rem.Mag. shot a group size of 2.9" at the zero round level. This is .2" above the Remington specs.

Ruger M/77 - 243 Win.Var. shot 1.6" at the zero round level. This is .1" over Remington specs. Also, the Ruger 7mm Rem.Mag. shot a group size of 3.9" at the 500 round level. This is 1.2" above Remington specs.

VIII. FIELD CYCLE TEST

The purpose of the field cycle test was to evaluate the function of each rifle when shot from the shoulder with Remington and competitive ammunition.

All twenty-five rifles were subjected to an 85 round test with Remington, Winchester and Federal ammunition. (All bullet weights were used.) Before any live firing took place, each man would load his rifle and then live unload it. Upon completion of this, he would reload the rifle and fire five rounds. He'd then move to another rifle, keeping a rotation going, so that each man fired every rifle in the test. The rifles were air cooled after every ten rounds. The testing took place at the Ilion Fish and Game Club 100 yard range.

This segment of the report is divided into three sections:

1. Breakages
2. Malfunctions
3. Remarks and Adjustments