

January 14, 1958

/30°F. to -5°F. The results are as follows:

<u>Gun No.</u>	<u>No. Malf.</u>	<u>Rate</u>	<u>Type</u>
64	None		
62	2	.4%	2 Failures to eject
69	None		
67	1	.2%	1 Failure to eject..
54	None		
59	None		
61	None		
73	2	.4%	1 Failure to eject. 1 " " lock up.
76	None		
75	1	.2%	1 Failure to eject.
Overall rate		.12%	

The ammunition schedule and the number of malfunctions with each are as follows:

<u>Rds.</u>		<u>Ejection</u>	<u>Failed to Lock Up</u>
0 - 50	Rem. LR HS		
51 - 100	Peters LR HS	1	
101 - 150	Rem. LR Std.		
151 - 200	Western LR SX		
201 - 250	Win. LR SS		
251 - 300	Western LR Std.		
301 - 350	Wards LR HS		
351 - 400	Win. LR Std.	4	
401 - 450	Fed. LR HS		
451 - 500	Win. LR SS (Hollow Point)		1

Previous endurance test of parts has been completed in five (5) rifles up to 25,000 rds. of firing each. However, a future test of endurance will be performed to acquire more accurate data on measurements of springs and general items such as bolt opening, trigger pull, etc.. More accuracy testing will continue in connection with the sight alignment problem.

CJT:T

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