

February 28, 1957

Gun No.	No. Malf.	Rate	Type
92113	3	1.0%	1 Failure to eject 1 " " trip latch 1 " " lock up
94148	10	3.3%	8 Failures to blow back 1 " " lock up 1 Stem chamber (right)

Overall rate for 111 malfunctions is 3.7%.

The ammunition schedule and the types of malfunctions that occurred with each type are as follows:

	Firing	Blow Back	Ejec- tion	Look- ing Open	Feed from Mag.	Trip Latch	Stem Cham- ber	Lock- ing Up	Total	Rate
Win. 2 1/4 - 1			2			2			4	1.6%
" 2-3/4-1-1/8									0	0
" 3 - 1-1/8									0	0
" 3 1/4 - 1-1/8	1				1	1	2		5	2.0%
" 3 1/4 - 1 1/4			3	1	3				7	2.8%
Fed. 2 1/4 - 1		81				1		2	84	33.6%
" 2-3/4-1-1/8									0	0
" 3 1/4 - 1-1/8					1				1	.4%
" 3 1/4 - 1 1/4	1	2			2			1	6	2.4%
Rem. 2 1/4 - 1		3	1						4	1.6%
Peters 3-1-1/8									0	0
Rem. 3 1/4 - 1 1/4									0	0
	2	86	6	1	7	4	2	3	111	

The above results show a rising increase in the malfunctions with the Federal light load, as compared to the pilot line run of July 18, 1956. Otherwise the performance remains the same.

CJT:T

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