

February 7, 1957

New Bolt & 3bl. Extension		Present Design	
2	Failures to fire	1	Failure to eject
1	" " eject	1	" " feed from mag.
3	" " feed from mag.	2	" " trip latch
3	" " trip latch	1	Stem chamber (high)
3	" " lock up	4	" " (right)
19	Stem chamber (right)	1	Hard under extractor
		1	Extractor stem shell
3	Cut-offs occurred in this test and is believed to be the fault of the ammunition.	2	Cut-offs also occurred in this test.

New design ammo. schedule and types of malfunctions occurring

	Failed to Fire	Ejection	Feed from Mag.	Trip Latch	Stem Chamber	Locking Up	Total	Rate
Win. 21-7/8		2		2	1		5	2.00%
" 21-1					1		2	.00%
" 21-3/4 - 1					1		2	.00%
" 31-1-1/8			1		1		2	.00%
West. 21-1					1		2	.00%
" 21-3/4 - 1					1		2	.00%
Rem. 21-7/8					1		1	.40%
" 21-3/4 - 1	1	1			1		3	2.00%
" 31-1-1/8			1	1	1		3	2.40%
Fed. 21-1								.00%
" 21-3/4 - 1						5	3	1.20%
" 31-1-1/8	1						1	.40%
	2	3	2	3	10	5	32	1.00%

Present design ammo. schedule and types of malfunctions occurring

	Failed to Fire	Ejection	Feed from Mag.	Trip Latch	Stem Chamber	Locking Up	Total	Rate
Win. 21-7/8				1	1		2	.00%
" 21-1								.00%
" 21-3/4 - 1					1		1	.00%
" 31-1-1/8					1		1	.00%
West. 21-7/8								.00%
" 21-1								.00%
" 21-3/4 - 1			1		1		2	.00%
" 31-1-1/8		1			1		2	1.20%
Rem. 21-7/8				1	1		2	.00%
" 21-3/4 - 1						1	1	.20%
" 31-1-1/8								.00%
Fed. 21-3/4 - 1								.00%
	1	1	2	3	2		11	.30%