

Gun No.	Number of Rounds		Number of Malfunctions		Malfunction Rate		Malfunction
	Before	After	Before	After	Before	After	
734	5000	140	150	2	3.0%	.14%	Stem chamber and stem extractor
			4	0	.08%	0.0%	Failed to trip latch
			36	0	.76%	0.0%	Pulled heads
			12	0	.24%	0.0%	Barrel support interference
			2	0	.08%	0.0%	Failed to lock
			3	0	.06%	0.0%	Failed to eject
			1	0	.02%	0.0%	Hard under extra
			0	1	0.0%	.07%	Failed to feed
			0	1	0.0%	.07%	Failed to feed
			18	2	1.8%	.14%	Stem chamber and stem extractor
			1	0	.11%	0.0%	Failed to trip latch
			9	0	.9%	0.0%	Pulled heads
			3	0	.34%	0.0%	Barrel support interference
			2	0	.22%	0.0%	Failed to lock
			2	0	.22%	0.0%	Failed to eject

Point testing done to date indicates a need for design changes to the 20 gauge.

Point testing done to date indicates a need for design changes to the 20 gauge. The current design 20 gauge due to stemming, extractor and failure to trip latch can be improved by the design modifications for the 20 gauge.

The following changes are for your review and approval revised design changes as follows:

Item	Change	Reason
1. 20 ga.	Change to 20 ga.	Recommended changes to design
2. 16 ga.	Change to 16 ga.	Recommended changes to design
3. 12 ga.	Change to 12 ga.	Recommended changes to design
4. 10 ga.	Change to 10 ga.	Recommended changes to design
5. 8 ga.	Change to 8 ga.	Recommended changes to design
6. 6 ga.	Change to 6 ga.	Recommended changes to design
7. 4 ga.	Change to 4 ga.	Recommended changes to design
8. 2 ga.	Change to 2 ga.	Recommended changes to design
9. 1 ga.	Change to 1 ga.	Recommended changes to design
10. 0 ga.	Change to 0 ga.	Recommended changes to design