

Endurance Shooting Test Results

Gun #	Model	Total Malf.	Malfunction Rate, %		
			First 1000	Last 1000	Overall
3	Browning 2000	1	0.00	0.00	0.02
5	Remington 1100	87	0.04	2.30*	2.24
7	Winchester Super X1	16	1.20	0.10	0.36

Malfunction Ratio:

$$\frac{\text{Remington}}{\text{Browning}} = \frac{2.24}{0.02} = 98.4$$

$$\frac{\text{Remington}}{\text{Winchester}} = \frac{2.24}{0.36} = 6.1$$

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Dominant Malfunction Mode

Browning: None (The one malfunction was failure to lock open.)

Remington: Failure to trip carrier latch. It is more prevalent with magnum ammunition.

Winchester: Double feed from magazine with magnum ammunition.

Total Rounds Fired Endurance Phase:

$$\begin{array}{rclclcl} \text{Browning} & & & \text{Remington} & & \text{Winchester} & & \\ 4389 & + & & 3889 & + & 4389 & = & 12,677 \end{array}$$

Operational Status at End of Endurance

Browning: Operational (5000)

Remington: Out of test with a total of six (6) disabling gun failures (4500)

Winchester: Operational (5000)

* Test stopped at 4500 rounds