

Feeling that light jack is not satisfactory

SPORTSMAN-58

Plant Testing

put up by plant *approx 100/gun fired*
Fifty-seven (57) guns have been tested and forty-six (46) were passed using both the heavy and light jacks. If rejects from the heavy jack only were considered, all guns would have passed except two. Process Engineering has the problem of determining the effectiveness of jack shooting and whether guns which failed on the light jack would perform satisfactorily when shot from the shoulder.

To give an indication of the type of reject being experienced the following listing was presented to the committee:

- | | |
|--|----|
| 1. Don't eject - shell trapped because feeding shell jumps latch | 17 |
| 2. Don't lock back | 7 |
| 3. Fail to trip latch | 6 |
| 4. Don't blow back | 1 |
| 5. Dropped shell | 2 |
| 6. Action Bar Stud loosened | 1 |
| 7. Trigger won't release | 1 |
| 8. Bolt don't close Disconnector behind Action Bar | 1 |
| 9. Operating Handle fell out | 1 |
| 10. Ball of fire | 2 |

Items 6, 7, and 8 are being investigated by Process Engineering. *of malfunctions approx 39 0.68%*

One gun was fired 582 rounds with only two malfunctions. The following types of ammunition were used:

Winchester Magnum	Western Heavy	Remington Light
Federal Magnum	Federal Heavy	Winchester Light
Remington Magnum	Remington Heavy	

VGD:EK
1/5/56

WIL00033