

under study by Process Engineering. A preliminary tabulation of the defects encountered in firing approximately 5,700 rounds shows the following:

|   |           |
|---|-----------|
| 1. Failure to eject - shell trapped because feeding shell jumps latch | 17        |
| 2. Failure to lock back   | 7         |
| 3. Failure to trip latch  | 6         |
| 4. Failure to blow back   | 2         |
| 5. Dropped shell  | 1         |
| 6. Loosening of action bar stud                                       | 1         |
| 7. Failure of trigger to release                                      | 1         |
| 8. Failure of bolt to close disconnecter behind action bar            | 1         |
| 9. Loss of operating handle   | 1         |
| 10. Breech flash  | <u>2</u>  |
| Total   | <u>39</u> |
| Per cent malfunctions-approximately                                   | 0.68%     |

One gun was fired 582 rounds, using the following types of ammunition:

|                   |                  |
|-------------------|------------------|
| Winchester Magnum | Federal Heavy    |
| Federal Magnum    | Remington Heavy  |
| Remington Magnum  | Remington Light  |
| Western Heavy     | Winchester Light |

Only two defects were encountered.

Sales reported on results from eight of the sixteen guns tested in the field. Of these guns, five gave no defects in approximately 1500 rounds. One gun in approximately 300 rounds gave five failures to feed Winchester magnum shells. One other gun gave one failure to feed and one failure to close the action. The eighth gun gave a failure to eject a Federal magnum shell on the 197th shot.