

DATE 4-9-80

SUBJECT OF EXPT. M-200 Bolt Lock

A method of allowing the shooter to open the bolt of his rifle while in a safe condition has been developed. The mechanism consist of a bolt plug, a lever, a plunger and plunger spring. The bolt body is patterned to allow the lever to lock into it. The lever is actuated by the firing pin head.

- #1 - As the bolt is closed the spring loaded lever is urged to a locked position and engages a notch cut in the rear of the bolt body.
- #2 - To open this weapon the lever is pushed down with the thumb and the bolt handle shifted with the index finger.
- #3 - If the rifle is fired the firing pin head come the lever upward automatically unlocks the gun.
- #4 - As the bolt is open and then closed the firing pin head is retracted and the lever allowed to re lock bolt.

The three photos shown on the next page will show the operation of the bolt lock and its location relative to the safety lever.

Photo #1 - The bolt is closed with the safety in the "On - Safe" position and the bolt is locked.

EXPERIMENTER

WITNESS

Fred E. Martin
Jack Kest

DATE

4-10-80

DATE

4-11-80