

→ R 5/11/1978
DON'T SAY IT—WRITE IT

TO C. B. WORKMAN

RECEIVED

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FROM J. W. BROOKS

U. S. RECEIVED

BOB NAGEL's ARTICLE ON HUNTING RIFLE SAFETIES - In March-April 1978
Rifle Magazine

The part of the above mentioned article that covers the M/700 Safety is incorrect. He uses the word "lock" which Webster defines in the following way:

"To hold fast or inactive: Fix"

Using this terminology the M/700 firing pin (or striker) is locked when the safety is "ON".

He states that the safety does not lock the firing pin (or striker) but blocks the trigger.

The M/700 firing pin (or striker) is locked back by the sear safety cam assembly. The sear safety cam assembly is in turn locked up by the safety. The trigger can be moved and nothing will happen.

He states that if the safety device should malfunction, the firing pin (or striker) is free to fall with the safety in the "ON" position. This infers that the safety is a required part of the fire control (firing mechanism) to operate the firing pin. This is incorrect because if the safety is completely removed the firing pin can still be cocked and safely activated.

The M/700 safety operates as follows:

With the bolt closed and when the safety is moved to the "ON" position, the sear safety cam is moved or cammed up off the trigger connector by the safety. The sear safety cam is in contact with the firing pin head and moves it slightly to the rear. The firing pin cannot move forward. It is locked to the rear. The trigger is free to be moved within limits. In its normal position the trigger is spring loaded to the rear where it remains under the sear safety cam. Therefore, if the sear safety cam was suddenly allowed to drop down it would come in contact with the trigger connector and stop. This would prevent the firing pin from falling until the trigger was activated.

JWB:T



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