

- I. The line scribed on the left side of the safety should be approximately 100 thousandths of an inch inward from the rounded top of the safety. The line should be straight, bright and clear to use as a guide for hand grinding.
- J. Using a suitable bench grinder, with a work support, carefully grind away all the material above the marked line. The material removed must be to the marked line and can go as far as 1/32 of an inch below the line. The resulting edge should be square and straight. Carefully smooth the corner of this edge by additional light grinding or stoning to remove any burrs. Use a cold blue to cover the bare material.
- K. Reassembly the safety:
 1. Place the safety plunger and plunger spring in proper position under the safety and rotate the safety into the receiver slot.
 2. Reassemble the screw to the trigger housing through the elongated slot in the safety.
 3. Install the safety pivot pin and snap washer.
 4. Move the safety button back and forth between the "safe" and "fire" positions several times to make sure that it moves freely between the detented positions.
 5. Look into the receiver to be sure that the cup top edge of the safety is at or below the slot in the receiver and that it does not bind during movement.

Reassemble the bolt and move it forward to the closed position. Check to see that the bolt can be cycled in both the "safe" and "fire" positions. Check to see that the safety functions properly.

Once the rifle passes the safety tests, reassembly the rifle and repeat the safety tests in the assembled rifle.