

CONFIDENTIAL

Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD

TLW0683AD – Safety Operation (S.A.A.M.I.)

This S.A.A.M.I. required test measures the operation of the manual safety to determine if the force required to move the safety from the “safe” to the “fire” position is less than 1 lb.. In addition, an examination of the safety is made to determine if the “fire” and “safe” position of the safety are clearly discernible to the user. Finally, a 40-lb. load is applied to the trigger from several directions with the safety in the “on” or “safe” position to determine that the mechanical operation of the safety is not impaired.

Method:

- Inspect and verify the rifle is not loaded and the safe is in the “On-Safe” position.
- Make a specific observation as to the position of the “on-safe” and the “fire” and determine if there is a discernible “detent” detectable when the safety is moved between the two positions. Record the observation for each sample rifle.
- Finally, lock the rifle securely in a holding device and proceed to apply a 40-lb. load to the trigger. Place the Chatillion 50 lb. gauge v-notch in each of four locations from the front (or as close as you can get from the front.) Then from the rear of the trigger (or as close as you can get from the rear.) Finish by applying the 40 lb. load to the trigger, first from the left side and then from the right side in turn and apply a 40-lb. load. In each application of the 40-lb. load, placement of the load should be at about the center of the finger curve of the trigger. After each application of the load test the fire control mechanism by attempting to pull the trigger with the safe in the “on-safe” position and the rifle pointed in a safe direction. Gun must not fire. Push the safety to the “fire” position. Gun must not fire when the safety is moved to the “fire” position. Finally, with the rifle still pointed in a safe direction, pull the trigger, the firing pin must release to the fired position.

Data required:

- Rifle serial number

J.R.Snedeker
TLW 0683

Page 21 of 50
Remington Confidential

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Subject to Protective Order - Williams v. Remington

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