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Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

TLW 1005

- Cycle the 8 dummy rounds through the chamber and eject each round manually. do not pull the trigger between rounds.
- Proceed to the next test shotgun and repeat the test procedure.

Data Required:

- Shotgun serial number.
- Record any failures to load and cycle properly by shotgun.
- TLW Number
- Testers' Names

TLW1005J - Safety Operation (SAAMI Test):

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 shotgun is not loaded and the safe is in the "On-Safe" position.
- Close the action.
- With the shotgun's safety in the "On-Safe" position, use the Chatillon 40 lb. gauge with a "V" notch attached and carefully push the safety to the "fire" position and measure the force required to move the safety. Perform 3 trials for each shotgun and record all three force measurements. These will be averaged to determine the final force measurement for each shotgun.
- Make a specific observation as to the location of the "on-safe" and the "fire" positions and determine if there is a discernible "detent" detectable when the safety is moved between the two positions. Record the observation that there either is or that there isn't a discernable "detent" for each sample shotgun.
- Finally, lock the shotgun securely in a holding device and proceed to apply a 40-lb. load to the trigger. Place the Chatillon 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 shotgun 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 shotgun still pointed in a safe direction, pull the trigger; the hammer must release to the fired position.

Data required:

- Shotgun serial number
- Measurements of Trigger pull, engagement, over-travel and trigger/trigger guard clearance before and after loading.
- Note that the shotgun "fired" or did not fire when the safety was pushed to the "Fire" position.
- Note that the shotgun did "fire" when the trigger was pulled.
- TLW Number
- Testers' Names

TLW1005K - 40 lb. Trigger Pull Test (Remington Test):

J.R. Snedeker

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Revision #1.0

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