

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

DROP TEST PROCEDURE

MEASUREMENT and TEST LAB

I. Trigger Pull and Firing Pin Indent

- A. Take five samples.

II. Safety Mechanism Shock Test

- A. Drop gun ten inches on solid wood surface with safety "ON".
1. Butt down
 2. Muzzle down
 3. Topside down
 4. Bottom down
- B. The Trigger shall be tried after each drop to determine whether the safety has released any mechanism which may allow firing.
- C. Three drops per position.

III. Jar-Off Test

- A. Drop gun ten inches on solid wood surface with safety "OFF".
1. Butt down
 2. Muzzle down
 3. Topside down
 4. Bottomside down
- B. The Trigger shall be tried after each drop to determine whether the safety has released any mechanism which may allow firing.
- C. Three drops per position.

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DROP TEST PROCEDURE - Measurement & Test Lab

IV. Safety Operations Test

- A. This test is for testing the safety mechanism.
 - 1. Cock gun
 - 2. Put Safety "ON".
 - 3. Try Trigger
 - 4. Release the Safety
 - 5. Pull Trigger
 - 6. Record if Trigger functions with Safety on
 - 7. Record if Firing Pin fell when Trigger was pulled
- B. Make 50 trials.

V. Safety Mechanism Shock Test

- A. Drop gun "waist height" on solid wood surface with safety "ON".
 - 1. Butt down
 - 2. Muzzle down
 - 3. Topside down
 - 4. Bottomside down
- B. The Trigger shall be tried after each drop to determine whether the Safety has released any mechanism which may allow firing.
- C. Three drops per position.

VI. Far Off Test

- A. Drop gun "waist height" on solid wood surface with safety "OFF".
 - 1. Butt down
 - 2. Muzzle down
 - 3. Topside down
 - 4. Bottomside down
- B. Trigger shall be tried after each drop to determine whether the safety has released any mechanism which may allow firing.
- C. Three drops per position.

VII. Gun Function Check

- A. Trigger pull
- B. Firing pin indent
- C. Take sample of five.

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