

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

*Remington*  
CUPON

*PETERS*  
CUPON

"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.

AAH:T  
566

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. Jar 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.

AAH:T