

### PENDULUM DROP TEST PROCEDURE

- I. Check and record trigger pull (10 trials).
- II. Check and record firing pin indent (5 trials).
- III. Test the safety using the following procedure (10 trials):
  - A. Cock gun and put safety "ON".
  - B. Try trigger.
  - C. Release safety.
  - D. Pull trigger.
  - E. Record if firing pin falls in either Step "B" or "C".
- IV. Position gun so as to strike on:
  - A. Muzzle
  - B. Butt
  - C. Top
  - D. Bottom

Perform the following procedure (1 through 5) for each position until predetermined maximum drop height is reached. Start drops at 1 ft.

1. Cock gun and put safety in "ON" position.
2. Drop gun 3 times (drop only 1 time if height is 4 ft. or greater). Try trigger to test safety after each drop. Release safety, engage safety. Record if hammer or striker falls.
3. Put safety in "OFF" position.
4. Drop gun 3 times (drop only 1 time if height is 4 ft. or greater). Record if hammer or striker falls.
5. Return to Step 1, increasing the drop height 1 ft. If maximum height has been reached, change to next position. If all positions have been completed, proceed to Step V.

- V. Test the safety, using the following procedure (50 trials):
  - A. Cock gun and put safety "ON".
  - B. Try trigger.
  - C. Release safety.
  - D. Pull trigger.
  - E. Record if hammer or striker falls in either Step "B" or "C".
- VI. Check and record trigger pull (10 trials).
- VII. Check and record firing pin indent (5 trials).

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5-8-70