

REMINGTON ARMS COMPANY, INC.

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Remington

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RESEARCH TEST and MEASUREMENT REPORT - Report No. 822981

M/700 CLASSIC 300 H & H TRIAL & PILOT EVALUATION

Prepared by: J. Baggetta

Date Prepared: 11-9-82

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12-29-82
Date

C.E. Ritchie,
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12/29/82
Date

TEST & MEASUREMENT LAB REPORT

REPORT NUMBER: 822981
REPORT TITLE: M/700 Classic 300 H & H Trial & Pilot Evaluation
MODEL(S): 700 Classic
GAUGE OR CALIBER: 300 H & H
DATE: 11-9-82
WORK ORDER NO.: 82726-904
PART NAME:
DESIGNER/ENGINEER: P. Nasypany

TEST TYPE:

1. PHOTO LAB
2. STRENGTH TEST - NO. OF GUNS TESTED _____
3. FUNCTION TEST - NO. OF GUNS TESTED 8
4. ACCURACY TEST - NO. OF GUNS TESTED 4
5. MEASUREMENTS - TYPE: Static - Preliminary
6. ENVIRONMENTAL TEST
7. AMMUNITION TESTING & EVALUATION - TYPE: _____
8. VISUAL EVALUATION - _____ OUT OF _____ GUN SAMPLE
9. ENDURANCE - NO. OF GUNS TESTED: 8

NO. OF ROUNDS PER GUN: 60

TOTAL ROUNDS FIRED IN TEST: 480

AMMO TYPE: MAGS. _____; TARGET: _____

RIM FIRE _____ CENTER FIRE X

November 9, 1982

TO: J. H. HENNINGS
FROM: J. BAGGETTA
REPORT TITLE: M/700 CLASSIC 300 H & H TRIAL & PILOT EVALUATION

ABSTRACT

The test lab received a request to conduct a Pilot Line Test from P. Nasypany, Current Production Design, on the first production run of the M/700 Classic in 300 H & H caliber. Eight (8) rifles were randomly selected from a twenty-five gun sample in the finish gun audit area for this evaluation.

SCOPE OF TEST

To evaluate the performance of the M/700 Classic 300 H & H introductory production run.

TEST RESULTS

- A. Accuracy
Four (4) M/700 Classic 300 H & H were fired for accuracy. All met Remington standards which is 3.3" center to center.
- B. Field Cycle
Eight (8) M/700 Classic 300 H & H rifles were fired a total of 480 rounds (60 rounds each) experiencing no malfunctions.

TEST TEXT

1. Four (4) rifles were randomly selected for accuracy using Remington ammunition. All rifles fired met Remington Standards which is 3.3" center to center.
2. No feeding problems or malfunctions occurred during the field cycle test. Two brands of ammunition were used in this test. They consisted of:

Remington
Winchester

TEST PROCEDURE

- A. The preliminary measurements taken were (Refer to Appendix "A" Data Sheet No. 1).

Headspace
Safe On
Safe Off
Firing Pin Indent
Trigger Pull
Gun Length
Gun Weight
Center of Gravity

B. Accuracy

The Accuracy Test was conducted in the plant gallery 100 yard range using the gallery accuracy device.

- a.) Three five shot groups
- b.) Remington 180 gr. Pointed Soft Point
- c.) Took measurements (See Appendix "A" Data Sheet No. 1).
- d.) Measured from center to center.

The rifles used in the accuracy test M/700 Classic 300 H & H consists of:

| | |
|----------|-----------|
| B6415975 | B6415129 |
| B6415093 | B6415107. |

C. Field Test

Eight (8) M/700 Classic 300 H & H rifles were taken to the Ilion Fish & Game Club 100 yard range. The weather was sunny, the temperature was 38°. The rifles were cooled every 10 rounds. (Able to hold barrel in hand.) Four (4) men were used to fire the rifles incorporating the round robin system. Each man took 10 rounds of each bullet weight and fired five rounds at a time. Two brands of ammunition in three bullet weights were used.

Remington 180 gr. Pointed Soft Point
Winchester 150 gr. Silver Tip
Winchester 220 gr. Silver Tip

The rifles used in the test consisted of:

| | |
|----------|----------|
| B6415975 | B6415850 |
| B6416963 | B6415129 |
| B6415094 | B6415107 |
| B6415093 | B6415143 |

" APPENDIX " A "

Data Sheets

11-8-92

M-700 Classic 300 H+H Pilot

Sheet #1

J. A. B

Measurements

| Handgun After Test | Safe ON | Safe OFF | Firing Pin Incident | Target Pul | Gun Length | Gun Weight | Center of Gravity | Accuracy Run 100 yds |
|-----------------------|------------|-------------|------------------------|---------------|---------------|---------------|----------------------|-------------------------|
| OK | 7201164 | 7201164 | 5047 | 8201164 | 77 1/2" | 71 lbs 16 oz | 11 1/2" Range | 270" |
| OK | 7201164 | 7201164 | 5057 | 7701164 | 77 1/2" | 71 lbs 16 oz | 11 1/2" Range | 270" |
| OK | 7201164 | 7201164 | 5047 | 8201164 | 77 1/2" | 71 lbs 16 oz | 11 1/2" Range | 270" |
| OK | 7201164 | 5774 | 5047 | 8201164 | 77 1/2" | 71 lbs 16 oz | 11 1/2" Range | 270" |
| OK | 7201164 | 7201164 | 5047 | 8201164 | 77 1/2" | 71 lbs 16 oz | 11 1/2" Range | 270" |
| OK | 7201164 | 7201164 | 5057 | 8201164 | 77 1/2" | 71 lbs 16 oz | 11 1/2" Range | 270" |
| OK | 7201164 | 7201164 | 5047 | 8201164 | 77 1/2" | 71 lbs 16 oz | 11 1/2" Range | 270" |
| OK | 7201164 | 7201164 | 5047 | 8201164 | 77 1/2" | 71 lbs 16 oz | 11 1/2" Range | 270" |