

REMINGTON ARMS COMPANY, INC.

INTERDEPARTMENTAL CORRESPONDENCE

*Remington*  
12-29-82

*DEFENSE*  
12-29-82

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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" \_\_\_\_\_

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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*[Signature]*  
Signature

12-29-82  
Date

C.E. Ritchie,  
Sr. Supervisor - Testing,  
Meas. & Mech. Analysis Lab

*[Signature]*  
Signature

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 Lion 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**

