

REMINGTON ARMS COMPANY, INC.

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S.G. NAROTSKY
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RESEARCH TEST and MEASUREMENT REPORT - Report No. 840392

TEST TITLE: "RESULTS ONLY"
M/700 PROPOSED NEW DESIGN BOLT STOP RELEASE EVALUATION

Prepared by: R. W. HOWE

Date Prepared: FEB. 14, 1984

Proofread and Cleared By:

R.E. Nightingale,
Foreman-Test Lab / Foreman-Measurement Lab

Signature

Date

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

Signature

Date

TEST & MEASUREMENT LAB REPORT

REPORT NUMBER: 840392

REPORT TITLE: M1700 PROPOSED NEW DESIGN BOLT STOP
RELEASE EVALUATION.

MODEL(S): 700-(7 LW)

GAUGE OR CALIBER: ALL

DATE: FEB. 14, 1984

WORK ORDER NO.: R-1520-000

PART NAME: BOLT STOP RELEASE

DESIGNER/ENGINEER: S. G. NAROTSKY

TEST TYPE:

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

NO. OF ROUNDS PER GUN: _____

TOTAL ROUNDS FIRED IN TEST: _____

AMMO TYPE: MAGS: _____; TARGET: _____

RIM FIRE _____ CENTER FIRE _____

10. DRY CYCLE TEST 6 UNITS 25,000 CYC. EACH

REMINGTON ARMS CO. INC.
FIREARMS RESEARCH DIVISION
FEB. 14, 1984

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TO. R. NIGHTINGALE

TEST TITLE: "RESULTS ONLY"
M/700 PROPOSED NEW DESIGN BOLT STOP
RELEASE EVALUATION.

REASON FOR TEST:

TO DETERMINE IF THE PROPOSED BOLT STOP
RELEASE DESIGN CHANGE (COINED AREA REMOVED)
IN ANY WAY AFFECTS ITS PERFORMANCE

TEST PROCEDURE:

A DRY CYCLE MACHINE WAS ASSEMBLED IN THE
R+D TEST LAB DRY CYCLE ROOM AND SIX OF THE
ABOVE PARTS WERE DRY CYCLED TO 25,000 CYCLES
EACH, WITH A FORCE OF 6.5 POUNDS BEING APPLIED
DIRECTLY TO THE OPERATING TAB AREA OF THE
BOLT STOP RELEASE.

PICTURES OF THE DRY CYCLE MACHINE AND THE
CURRENT AND PROPOSED BOLT STOP RELEASE ARE
ON THE FOLLOWING PAGE OF THIS REPORT.

TEST RESULTS:

OF THE SIX NEW DESIGN BOLT STOP RELEASES RAN
TO 25,000 DRY CYCLES EACH NO MALFUNCTIONS OR
ABNORMALITIES OF ANY KIND OCCURRED.

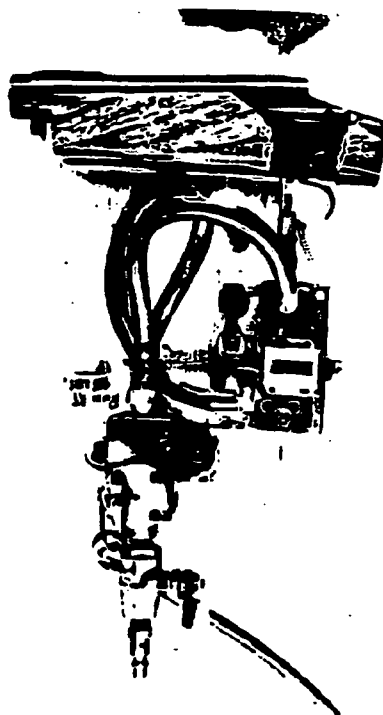
M/700 PROPOSED NEW DESIGN BOLT STOP
RELEASE EVALUATION.

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M/700 BOLT STOP
DRY CYCLE
MACHINE



M/700 - 74W
CURRENT AND
PROPOSED BOLT
STOP RELEASES

