

523331
MT. NEW LATCH A F100E PLATE
A.S.

Report No. 323321

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

AREA OF TESTING	
☐ Developmental	☐ Safety Related
☒ Design Acceptance	☐ Competitive Evaluation
☐ Pre-Pilot	☐ New Design
☐ Pilot	☐ Design Change
☐ Production Acceptance	☐ Plant Assistance
	☐ Litigation
	☐ Warehouse Audit
	☐ Cost Reduction
	Stake
	Other

FIREARM STATUS	REPORT REQ'D.	DATE REQUESTED:
MODEL: <u>7.62</u>	FORMAL ☒	<u>12-1-82</u>
CAL. or GAGE: <u>303</u>	TEST RESULTS ONLY ☐	DATE NEEDED BY: <u>12-1-82</u>
BARREL TYPE: <u>1023</u>		REQUESTED BY: <u>E. BULLIS</u>
PROOFED: YES <u>5</u> NO <u>5</u>		WORK ORDER NO: <u>12-1-82</u>

TEST TYPE			
☐ Strength Test	☐ Ammunition Test	☐ Dry Cycle Test	☐ Photo/Video
☒ Function Test	☐ Environmental Test	☐ Measurements	☐ Other
☐ Accuracy Test	☐ Customer Complaint	☐ Endurance Test	

EXPLAIN IN DETAIL THE REASON FOR THIS TEST:

DUE TO LATEST LATCH & FLOOR PLATE CHANGE, WE WOULD LIKE TO HAVE THESE M/762 (303 CAL) RIFLES FUNCTION TESTED.

-GUNS REQUIRED:

26226237 *	7600050 *	7600102	* PR30 = 50
56 *	67	107	
64 *	49	139 *	
	88		

NOTE: NO firearms or parts will be tested in the Labs unless they are accompanied by a Work Request, and both are delivered to the Labs by the designer or engineer. All Work Requests are to be filled out in detail. No Exceptions.

DATE COMPLETED: ☒

TEST COMPLETED BY: E. BULLIS

REPORT DATE: 17 Dec 82

RD-44-4

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington
SUPER

PETERS
SUPER

Distribution: C. B. Workman
J. W. Brooks
C. E. Ritchie
D. E. Bullis

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

RESEARCH TEST and MEASUREMENT REPORT - Report No. 823331

MODEL SEVEN LWT. FUNCTION TEST OF NEW LATCH AND FLOOR PLATE DESIGN

Prepared by: C. Stephens

Date Prepared: 12-17-82

Proofread and Cleared By:

J.H. Hennings, / R.E. Nightingale,
Foreman-Test Lab / Foreman-Measurement Lab

[Signature] 12-29-82
Signature Date

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

[Signature] 12/29/82
Signature Date

TEST & MEASUREMENT LAB REPORT

REPORT NUMBER: 823331
REPORT TITLE: Model Seven LWT Function Test of New Latch and Floor
Plate Design
MODEL(S): Seven
GAUGE OR CALIBER: .308
DATE: 12-17-82
WORK ORDER NO.: C-1856-000
PART NAME: Latch & Floor Plate
DESIGNER/ENGINEER: D. Bullis

TEST TYPE:

1. PHOTO LAB
2. STRENGTH TEST - NO. OF GUNS TESTED _____
3. FUNCTION TEST - NO. OF GUNS TESTED 10
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 _____

REMINGTON ARMS COMPANY, INC.
Firearms Research Division

Report No. 823331

December 17, 1982

TO: R. E. Nightingale
FROM: C. Stephens
REPORT TITLE: MODEL SEVEN LWT. FUNCTION TEST OF NEW LATCH AND
FLOOR PLATE DESIGN

ABSTRACT

Due to a change in Latch and Floor Plates. design of the Model Seven LWT..308 Cal. Rifle, D. Bullis requested a function test of ten (10) rifles be performed.

SCOPE OF TEST

To determine if the design changes would cause the floor plate of a Model Seven to open during firing.

TEST RESULTS

Results indicate the changes made will not allow the latch to open. However, eight (8) of the guns experienced difficulty in loading the fourth round in the magazine.

REPORT TEXT

Ten Model Seven LWT. with Latch and Floor Plate changes were tested for floor plate opening when fired. Results indicate that the changes will not adversely affect the proper performance of the floor plate.

Results also show a problem does exist with loading the fourth round in the magazine in eight (8) of the ten (10) rifles.

One rifle had ejection and follower malfunctions. Appendix A contains the data sheets for the ten rifles.

TEST PROCEDUREA. Measurements

No measurements were taken.

B. Test Conditions

1. Same type of ammunition.
2. Same person to shoot all ten rifles.

C. Test

The test was conducted in the R & D Shooting Room using a shooting jack. All rifles were shot by C. Dickenson. Twenty rounds were fired from each gun using the same type of ammunition.

D. Ammunition

1. Winchester 200 gr. Silvertip Exp. (Code 58PNY)

" A P P E N D I X " A "

Data Sheets

SERIAL NO. 86526 264

TEST TITLE: FLOR PLATE

TTL. RDS. FIRED: _____
TTL. MALFUNCTIONS: _____
MALFUNCTION RATE: _____

"MALFUNCTIONS"

[illegible]

SERIAL NO. 7600107

TEST TITLE: ELDER PLATE

TTL. MALFUNCTIONS:

MALFUNCTION RATE:

"MALFUNCTIONS"

[illegible]

BARBER - PRESALE R 0127878

SERIAL NO. B6226256

TEST TITLE: FLOOR PLATE

MALFUNCTION RATE:

"MALFUNCTIONS"

[illegible]

PAGE NO. _____

SERIAL NO. 7600134

TEST TITLE: 1 LOAD PLATE

MAJORITY RATE:

"MALFUNCTIONS"

[illegible]

BARBER - PRESALE P. 01227880

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - PRESALE R 0127880
R 2528868

SERIAL NO. 2600050

TEST TITLE: 1/2" PLATE

TTL. RDS. FIRED: _____
TTL. MALFUNCTIONS: _____
MALFUNCTION RATE: _____

"MALFUNCTIONS"

[illegible]

BARBER - PRESALE R 0127881

SERIAL NO. B6226237

TEST TITLE: FLOOR Plate

TTL. RDS. FIRED: _____
TTL. MALFUNCTIONS: _____
MALFUNCTION RATE: _____

"MALFUNCTIONS"

[illegible]

SERIAL NO. 7600088

TEST TITLE: FLOOR PLATE

TTL. RDS. FIRED: _____
TTL. MALFUNCTIONS: _____
MALFUNCTION RATE: _____

"MALFUNCTIONS"

[illegible]

BARBER PRESALE R 0127088

SERIAL NO. 7600067

TEST TITLE: FLOOR PLATE

TTL. RDS. FIRED: _____
TTL. MALFUNCTIONS: _____
MALFUNCTION RATE: _____

"MALFUNCTIONS"

[illegible]

BARBER PRESALE R 04127884

SERIAL NO. 2600079

TEST TITLE: LOAD PLATE

MALFUNCTION RATE:

"MALFUNCTIONS"

[illegible]

BARBER-PRESALE R 0127885

SERIAL NO. 7600 102

TEST TITLE: F1 CAR PLATE.

TTL. RDS. FIRED: _____
TTL. MALFUNCTIONS: _____
MALFUNCTION RATE: _____

"MALFUNCTIONS"

[illegible]

BARBER - PRESALE R 0127986

Report No. 823331

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

☐ Developmental ☒ Design Acceptance ☐ Pre-Pilot ☐ Pilot ☐ Production Acceptance		AREA OF TESTING ☐ Safety Related ☐ Litigation ☐ Competitive Evaluation ☐ Warehouse Audit ☐ New Design ☐ Cost Reduction ☐ Design Change ☐ Stake _____ ☐ Plant Assistance ☐ Other _____	
FIREARM STAT'S. MODEL: <u>7 LU17</u> CAL. or GAGE: <u>308</u> BARREL TYPE: <u>CP08.</u> PROOFED: YES <u>5</u> NO <u>5</u>		REPORT REQ'D. FORMAL ☒ TEST RESULTS ONLY _____	
		DATE REQUESTED: <u>11-29-82</u> DATE NEEDED BY: <u>A.S.A.P.</u> REQUESTED BY: <u>D. BULLIS</u> WORK ORDER NO: <u>C-1255-000</u>	

TEST TYPE

☐ Strength Test	☐ Ammunition Test	☐ Dry Cycle Test	☐ Photo/Video
☒ Function Test	☐ Environmental Test	☐ Measurements	☐ Other _____
☐ Accuracy Test	☐ Customer Complaint	☐ Endurance Test	_____

EXPLAIN IN DETAIL THE REASON FOR THIS TEST:

DUE TO LATEST LATCH & FLOOR PLATE CHANGE, WE WOULD LIKE TO HAVE THESE IN/BLIND (308 CAL) RIFLES FUNCTION TESTED.

- GUNS REQUIRED:

56226237 *	7600050 *	7600102	* PROOFED
56 *	67	107	
64 *	49	139 *	
	88		

NOTE: NO firearms or parts will be tested in the Labs unless they are accompanied by a Work Request, and both are delivered to the Labs by the designer or engineer. All Work Requests are to be filled out in detail. No Exceptions.

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