

REMINGTON ARMS COMPANY, INC.

INTERDEPARTMENTAL CORRESPONDENCE

Remington
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PETERS
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Distribution: J. W. Brooks
C. E. Ritchie
D. E. Bullis

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

RESEARCH TEST and MEASUREMENT REPORT - Report No. 821273

M/7 LWT. FOLLOWER COMPARISON, FEED FUNCTION EVALUATION

Prepared by: R. Howe

Date Prepared: 9-23-82

Proofread and Cleared By:

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

[Signature] 10-12-82
Signature Date

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

[Signature] 10/12/82
Signature Date

TEST & MEASUREMENT LAB REPORT

REPORT NUMBER: 821273
REPORT TITLE: FOLLOWER COMPARISON, FEED FUNCTION EVALUATION
MODEL(S): M/7 LWT.
GAUGE OR CALIBER: .223
DATE: 9-23-82
WORK ORDER NO.: C-1856-000
PART NAME: Follower
DESIGNER/ENGINEER: D. Bullis

TEST TYPE:

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

September 27, 1982

TO: J. H. Hennings

FROM: R. Howe

REPORT TITLE: M/7 LWT. FOLLOWER COMPARISON FEED FUNCTION EVALUATION

TEST RESULTS ONLY

One M/7 LWT. (223 Chamber, 6mm Bore) received from D. Bullis was function feed tested (not fired) with live .223 ammunition to determine difference between stamped (No Bind) Follower and standard M/600 Stamped Magazine Follower.

Test was conducted by J. Nencetti in Shooting Booth No. 3 (Test Lab), using sixty rounds for each follower. Twenty rounds each of slow, medium and fast feed. Total for test was 120 rounds.

The Stamped No Bind Follower had a total of five malfunctions in sixty rounds. Showing a 8.3% malfunction rate.

The standard M/600 Magazine Follower had a total of eleven malfunctions in sixty rounds for a 18.3% malfunction rate. (Details on attached chart.)

"APPENDIX "A"

REPORT # 821273

M/7 LTW. FOLLOWER COMPARISON FEED FUNCTION EVALUATION

SEPT 23, 1982

R. HOWE

NUMBER OF	STAMPED (NO BIND)	NUMBER OF	TYPE OF	SHELL # OUT OF	MALFUNCTION %	LOAD SIZE .223
ROUNDS	FEED SPEED	MALFUNCTIONS	MALFUNCTION	MAGAZINE		R223R2
1						
2	10 SLOW	0				ALL
3	10 MEDIUM	0				
4	10 FAST	2	STEM CHAMBER HIGH	3	83%	
5	10 SLOW	1	" " "	3		
6	10 MEDIUM	1	" " "	3		
7	10 FAST	1	" " "	3		
8						
9	STANDARD M/600					
10	FOLLOWER .222					
11						
12	10 SLOW	2	BOLT OVERRIDE	1+4	83%	
13	10 MEDIUM	2	STEM CHAMBER HIGH	3		
14		1	BOLT OVERRIDE	1		
15	10 FAST	1	SHELL JUMPS MAGAZINE	1		
16	10 SLOW	1	STEM CHAMBER HIGH	1	83%	
17		1	BOLT OVERRIDE	1		
18	10 MEDIUM	2	STEM CHAMBER HIGH	1		
19	10 FAST	1	BOLT OVERRIDE	1		
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KINZER V. REMINGTON

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