REMINGTUN ANM	S. COMPANY, INC.		Distribution:	C. B. Work J. W. Brook D. E. Bullis
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BESFARCH TEST	and MEASUREMENT REP	ORT - Report No.	820491	
M/SEVEN LWT.	NO-BIND STAMPED FOLL 243,6MM & 308 CALIBER	 OWER – FUNTION	TEST FOR	
	-	Prepared by:	J. Baggetta	
		Date Prepared:	11-15-82	
Proofread and Cle	ared By:	0		
Proofreed and Cle	ared By:	0	4	
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J.H. Hennings , Foreman-Test Lab	R.E. Nightingale, Foreman-Measurement La	b Jannie Stepartere	Amingo	1- 14 Date
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# TEST & MEASUREMENT LAB REPORT

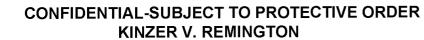
REPORT NUMBER:	820491
REPORT TITLE:	M/Seven LWT. No-Bind Stamped Follower Function Test for 243, 6MM and 308 Caliber
MODEL(S):	Seven LWT.
GAUGE OR CALIBER:	243, 6MM, 308
DATE:	11-15-82
WORK ORDER NO .:	C-1856
PART NAME:	No-Bind Stamped Follower
DESIGNER/ENGINEER:	D. Bullis

### TEST TYPE:

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1.	PHOTO LAB
2.	STRENGTH TEST - NO. OF GUNS TESTED
3.	FUNCTION TEST - NO. OF GUNS TESTED 14
4.	ACCURACY TEST - NO. OF GUNS TESTED
5.	MEASUREMENTS - TYPE: Static
6.	ENVIRONMENTAL TEST
7.	AMMUNITION TESTING & EVALUATION - TYPE:
8.	VISUAL EVALUATIONOUT OFGUN SAMPLE
9.	ENDURANCE - NO. OF GUNS TESTED:14
	NO. OF ROUNDS PER GUN: 75 - 150
	TOTAL ROUNDS FIRED IN TEST: 1845
	AMMO TYPE: MAGS; TARGET:;
	RIM FIRECENTER FIREX
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REMINGTON ARMS COMPANY, INC. Firearms Research Division

#### November 15, 1982

TO:	J. H. Hennings
FROM:	J. Baggetta
REPORT TITLE :	M/SEVEN LWT. NO-BIND STAMPED FOLLOWER - FUNCTION TEST FOR 243, 6MM, and 308 CALIBERS

### ABSTRACT

A work request was received from D. E. Bullis, Current Products Design, to evaluate the M/Seven Lwt. 243, 6MM and 308 caliber No-Bind Stamped Follower.

### SCOPE OF TEST

To evaluate the performance of the M/Seven LWT. No-Bind Stamped Follower checking the floor plate latch opening on recoil.

## TEST RESULTS

- A. Jack Live Round Unload Function Test
  - 1. 308 Caliber Of the 4 rifles used, 2 experienced 7 malfunctions occurring in 160 rounds for an overall malfunction rate of 4.4%.
  - 2. 243 Caliber Five rifles were used, one rifle experienced 3 malfunctions occurring in 160 rounds for an overall malfunction rate of 1. 5%.
  - 3. 6MM Caliber Five rifles were used with one rifle experiencing 2 malfunctions occurring in 160 rounds for an overall malfunction rate of 1.0%.

### B. Field Function Test

- 1. 308 Caliber Fired 720 rounds (180 rounds each) experienced 1 malfunction for an overall rate of 0.1%.
- 2. 243 Caliber Fired 600 rounds (75 rounds each) experienced 10 malfunctions for an overall rate of 1.7%.
- 3. 6MM Caliber Fired 527 rounds (75 rounds each) no malfunctions occurred.

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# REPORT TEXT

- A. The following rifles experienced malfunctions during the Jack Live Round Unload Test in R & D Shooting room:
  - 1. 308 Caliber B6226276 3 Bolt override
  - 2. 308 Caliber B6226264 4 malfunctions: 1 stem chamber low, 3 stem chamber right
  - 3. 6MM Caliber -B6226233 2 Bolt override
  - 4. 243 Caliber B6226262 3 Bolt override
- B. The following rifles experienced malfunctions during the Field Function Test at the Ilion Fish & Game Club rifle range :
  - 1. 308 Caliber B6226264 1 doesn't eject
  - 2. 243 Caliber B6226262 10 Bolt override
- C. The following rifles were used in the No-Bind Stamped Follower Test:

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308 Caliber	6MM Caliber
B6226276	B6226233
B6226256	B6226263
B6226264	B6226255
B6226237	B6226230
	B6226258

243 Caliber B6226266 B6226225 B6226234 B6226262 B6226262 B6226272

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# TEST PROCEDURE

- A. Measurements
  - 1. Measurements taken by Test Lab personnel. Details can be found in Appendix"A" Data Sheet No. 1.

### B. Test Conditions

Condition No. 1 - Indoor Jack Shooting

- o The test was run using the Test Lab shooting jacks.
- o The rifles were loaded with 4 rounds in magazine and 1 in the chamber.
- o Various speed feeds were used such as: slow, medium, fast and a combination feed speed. (Slow, medium, fast.)
- o The rifles were live round unload tested. No live fire test were run in the jacks.

### Condition No. 2 - Ilion Fish & Game Club Outdoor Range

- o The test was run using the Ilion Fish & Game Club 100 yard: range.
- o The rifles were loaded with 4 rounds in magazine and 1 in the chamber.
- Various speed feeds were used such as: slow, medium, fast and a combination feed speed. (Slow, Medium, Fast.)

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o Four shooters were used incorporating the round robin system.

### C. Ammunition

o See Data Sheet No. 2 in Appendix "A" on ammunition used.

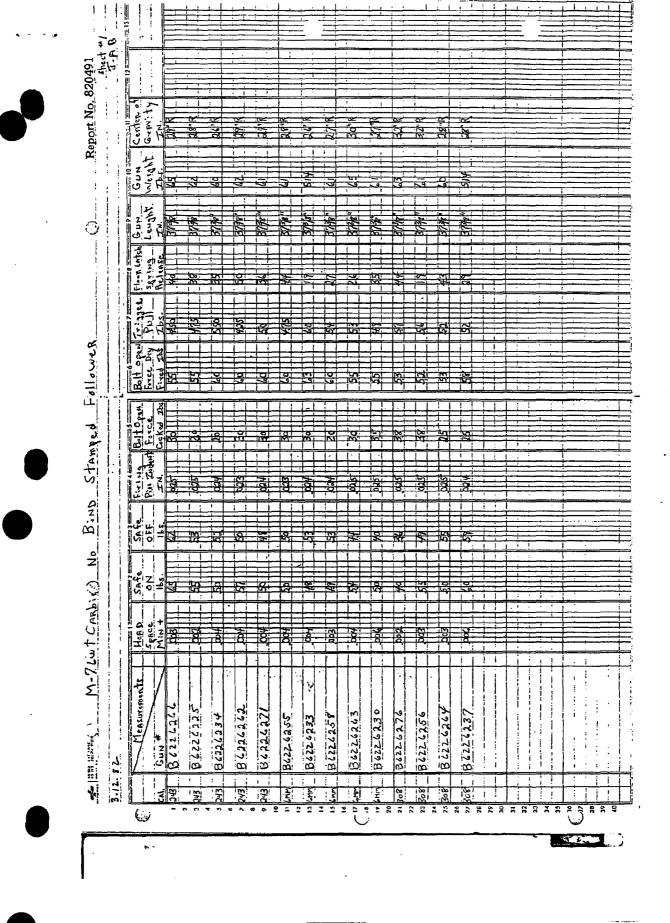
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"AFFENDIX "A"

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#### Ammunition Used Live Round Feed

#### .308 Caliber

# 6MM Caliber

### 243 Caliber

**Remington 150 Pointed Soft Point Remington 180 Soft Point** 

**Remington 80 Pointed Soft Point** Remington 100 Pointed Soft Point Remington 100 Pointed Soft Point

Remington 80 Pointed Soft Point

### Ammunition Used Live Round Firing

6MM Caliber

#### .308 Caliber

**Remington 150 Pointed Soft Point Remington 180 Soft Point Remington 180 Pointed Soft Point** Winchester 110 Pointed Soft Point Winchester 125 Power Point Winchester 150 Silver Tip Winchester 150 Power Point Winchester 180 Silver Tip Winchester 200 Silver Tip Federal 150 Pointed Soft Point Federal 180 Pointed Soft Point Federal 165 Premium Boat Tail

**Remington 80 Pointed Soft Point Remington 80 Hollow Point Remington 100 Pointed Soft Point** Winchester 80 P-ointed Soft Point Winchester 100 Pointed Soft Point Federal 80 Soft Point Federal 100 Soft Point

### 243 Caliber

Reimington 80 Pointed Soft Point Ramington 80 Hollow Point **Remington 100 Pointed Soft Point** Winchester 80 Pointed Soft Point Winchester 100 Power Point Federal 80 Soft Point Federal 100 Soft Point Federal 85 Premium

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