

# REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

*Remington*  
*1278*

*PETERS*  
*1278*

REMINGTON ARMS CO.  
 RECEIVED

MAR 7 1980

cc: C. B. ~~STERN~~  
 J. P. Linde  
 T. W. Rawson, Spt.  
 E. G. Larson

ILION RESEARCH DIVISION

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

E. HOOTON, JR.

*Jim Martin*  
*for your use in developing*  
*Bolt Action Gun*  
*Complaint*  
*Clark*  
 Ilion, New York  
 March 5, 1980

## SAFETY-RELATED COMPLAINTS-BOLT ACTION CENTER FIRE RIFLES JULY, 1979 - JANUARY, 1980

In response to Earl Larson's letter to D. J. Sanita dated January 23, 1980, the following data is supplied. Listed are items where Bolt Action firearms were returned for a safety complaint. We have been previously reporting on all customer returned Model 700's that failed the trick test and fires off safe (see attached letter).

| Model | Production<br>for the<br>Period | Complaints | Total No. Unable<br>to Duplicate | Total No.<br>Verified |
|-------|---------------------------------|------------|----------------------------------|-----------------------|
| 700   | 83,862                          | 133        | 80                               | 44                    |
| 793   | 14,735                          | 10         | 4                                | 6                     |
| 600   | -                               | 5          | 3                                | 2                     |
| 660   | -                               | 1          | -                                | 1                     |
| 721   | -                               | 1          | 3                                | -                     |
| 722   | -                               | 1          | -                                | 1                     |
| 725   | -                               | 1          | -                                | 1                     |

### Complaints - Unable to Duplicate

### Total No.

#### I. Model 700

- 1) Rifle discharged when Safety is released
- 2) Trigger stiff - misfires
- 3) Follows Down
- 4) Bolt closes hard and discharges
- 5) Delayed firing
- 6) Fires on closing Bolt when unloading
- 7) Rifle discharged when Bolt handle raised
- 8) Push Safety to "Off" position - slight touch of Trigger and rifle discharges
- 9) Accidental discharge
- 10) Fires on closing
- 11) Safety does not work
- 12) Defective Safety - works hard
- 13) Faulty Trigger - gun goes off
- 14) Goes off prematurely

94  
 1  
 4  
 2  
 5  
 3  
 2  
 1  
 3  
 8  
 1  
 1  
 1  
 1  
 89

REM 8034093

March 5, 1960

Complaints Unable to Duplicate - Contd.Total No.II. Model 788

- 1) Fires on Safe
- 2) Fires when chambering round
- 3) Fires on closing
- 4) Close Bolt with Safety on - discharges

1  
1  
1  
1  
4

III. Model 600

- 1) Follows Down
- 2) Safety doesn't work
- 3) Fails to fire when Trigger pulled,  
Fires on closing and  
Fires when Safety released

1  
1  
1  
3

IV. Model 721

- 1) Fires on closing

1  
1

Complaints VerifiedI. Model 700Complaints:

- 1) Rifle discharges when Safety is released

Total No. = 19

Causes:No.

- a) Insufficient Sear lift
- b) Trigger bent
- c) Adjusting screws adjusted  
outside of factory
- d) Safety Detent ball missing
- e) Excess oil in housing
- f) Interior of housing dirty
- g) Excess movement of Trigger
- h) Trigger binds on Trigger Guard
- i) Excess clearance - Trigger and  
Trigger Pin
- j) Safety not responsive

3  
1  
8  
1  
1  
1  
1  
1  
1  
1  
1

- 2) Follows Down

Total No. = 8

Causes:No.

- a) Sear binds
- b) Adjusting Screws adjusted  
outside of factory
- c) Connector broken
- d) Engagement surfaces of Sear  
and Connector chipped

4  
2  
1  
1

REM 0034074

March 5, 1980

Complaints Verified Contd.I. Model 700 - Contd.3) Accidental Discharge

Total No. = 2

| <u>Causes:</u>                                  | <u>No.</u> |
|-------------------------------------------------|------------|
| a) Insufficient Sear lift                       | 1          |
| b) Adjusting Screws adjusted outside of factory | 1          |

4) Safety Does Not Work

Total No. = 3

| <u>Causes:</u>                           | <u>No.</u> |
|------------------------------------------|------------|
| a) Safety clearance not in Stock mis-set | 1          |
| b) Safety binds in Receiver              | 1          |
| c) Detent ball missing                   | 1          |

5) Fires on Closing

Total No. = 4

| <u>Causes:</u>                                  | <u>No.</u> |
|-------------------------------------------------|------------|
| a) Interior of housing dirty & oily             | 1          |
| b) Sear rubs in housing                         | 1          |
| c) Adjusting Screws adjusted outside of factory | 1          |
| d) Connector broken                             | 1          |

6) Rifle Discharges with Safety On

Total No. = 2

| <u>Causes:</u>                                                                           | <u>No.</u> |
|------------------------------------------------------------------------------------------|------------|
| a) Trigger binds on Trigger Guard (could not verify on Safe - only when Safety released) | 1          |
| b) Safety not responsive (could not verify full on Safe - only null location)            | 1          |

7) Trigger Will Not Work

Total No. = 1

| <u>Cause:</u>                      | <u>No.</u> |
|------------------------------------|------------|
| a) Chip lodged in front of Trigger | 1          |

8) Trigger Pull Light

Total No. = 1

| <u>Cause:</u>                                   | <u>No.</u> |
|-------------------------------------------------|------------|
| a) Adjusting Screws adjusted outside of factory | 1          |

REM 0034093

March 5, 1980

Complaints Verified Contd.I. Model 700 - Contd.

|                                                                   |            |                   |
|-------------------------------------------------------------------|------------|-------------------|
| 9) <u>Safety Malfunction</u>                                      |            | Total No. = 1     |
| Cause:                                                            | <u>No.</u> |                   |
| a) Follows down - housing very<br>dirty - Sear sluggish           | 1          |                   |
| 10) <u>Gun Has Gone Off Several Times</u>                         |            | Total No. = 1     |
| Cause:                                                            | <u>No.</u> |                   |
| a) Follows down - adjusting Screws<br>adjusted outside of factory | 1          |                   |
| 11) <u>Delayed Firing</u>                                         |            | Total No. = 1     |
| Cause:                                                            | <u>No.</u> |                   |
| a) Safety interferes with top<br>of Stock                         | 1          |                   |
| 12) <u>Trigger Has Hesitation</u>                                 |            | Total No. = 1     |
| Cause:                                                            | <u>No.</u> |                   |
| a) Adjusting Screws adjusted<br>outside of factory                | 1          |                   |
|                                                                   |            | Total Verified 44 |

II. Model 788Complaints:

|                                                                                   |            |               |
|-----------------------------------------------------------------------------------|------------|---------------|
| 1) <u>Rifle Discharged When Safety is Released</u>                                |            | Total No. = 2 |
| Cause:                                                                            | <u>No.</u> |               |
| a) Insufficient Sear Lift                                                         | 1          |               |
| b) Steel chip embedded in housing<br>(trigger not retracting under<br>sear fully) | 1          |               |
| 2) <u>Safety Defective</u>                                                        |            | Total No. = 3 |
| Cause:                                                                            | <u>No.</u> |               |
| a) Trigger and Sear altered<br>outside of factory                                 | 1          |               |
| b) Safety works hard                                                              | 1          |               |
| c) Foreign substances in<br>Receiver and on Bolt Stop                             | 1          |               |

[ REM 0034076 ]

March 5, 1960

Complaints Verified Contd.II. Model 788 - Contd.3. Misfires

Total No. = 1

Cause:No.

- a) Safety hits top of Stock

1

Total Verified 6

III. Model 600Complaints:1) Trigger Will Not Move

Total No. = 1

Cause:No.

- a) Excessive Sear engagement

1

2) Trigger Defective

Total No. = 1

Cause:No.

- a) Follows down - Housing dirty
- 
- Sear binds

1

Total Verified 2

IV. Model 660Complaints:

Total No. = 1

1) Fires on Closing and Opening BoltCause:No.

- a) Housing not centered in Firing
- 
- Pin head slot in Receiver

1

V. Model 725Complaints:

Total No. = 1

1) Accidental DischargeCause:No.

- a) No Sear lift - Fire Control worn

1

1 REM 0034097 1

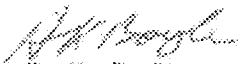
March 3, 1980

Complaints Verified Contd.VI. Model 722Complaints:1) Rifle Discharges When Safety is Released

Total No. = 1

Cause:No.a) Insufficient lift

1

R. L. Hall  
Plant Manager  
H. K. Boyle  
Asst. Plant Manager

HCB:sh

: REM 0034093 :