

## REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington  
OF PORTPETERS  
OF PORT

xc: C. B. Workman

R. E. Carr

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F. E. Martin

File

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

Ilion, New York  
January 28, 1975

TO: W. E. LEEK

FROM: A. A. HUGICK - F. E. MARTIN

DATE: January 27, 1975

WORK ORDER: G 0410

SUBJECT: MOHAWK 600 RIFLE QUALITY AUDIT

INTRODUCTION:

Per request of Design, twenty (20) Mohawk 600 rifles were withdrawn from the warehouse for a Research Quality Audit check. The twenty (20) gun selection was five (5) rifles in each of the four (4) calibers current in the Mohawk 600 rifle line. The audit request was initiated by field complaints regarding M/600 rifles being fired by manipulation of the safe. This quality audit activity is focused on field complaint review.

TEST OBJECTIVE:

Investigate and review the Mohawk 600 rifle for ability to fire the rifle with manipulation of the safe.

TEST OBSERVATIONS:

1. All twenty (20) rifle safes exhibited normal functions with safes in the full safe on position.
2. Sixteen (16) rifles could be made to produce striker fall if the safe was positioned between full safe on and full safe off, the trigger firmly squeezed, followed by manipulation of the safe.
3. Four (4) rifles could not be made to produce a striker fall if the safe was positioned between full safe on - and full safe off, the trigger firmly squeezed, followed by manipulation of the safe.

PENGAD-Bayonne, N. J.

PLAINTIFF'S  
EXHIBIT

3328

12/13  
AL 0030002

To: W. E. Leek  
From: A. A. Hugick - F. E. Martin  
Subject: Mohawk 600 Rifle Quality Audit

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TEST OBSERVATIONS: (Cont'd)

4. A check of the production sample 2/73, and Research Design Test rifles exhibited this ability to produce a striker fall with manipulation of the safe.
5. Two (2) rifles had steel drilling chips located in the fire controls. ←
6. One (1) rifle had a large wood chip located next to the fire control housing in the stock assembly.
7. Trigger pull and sear-to-connector engagement was checked and found to be normal with one exception. Excessive (.050") sear-to-connector engagement was noted on 6786714 - 308 cal. -EY-96.
8. Six (6) rifles could be made to follow down. This was accomplished by maintaining forward bolt handle pressure during cocking of the striker assembly.
9. One (1) rifle had the rear sight broken off. This was not located in the packing box. This rifle 6807380 - 5mm-EY-96 also had the rear sight spacer block backward which may have caused this breakage.
10. Results of reviewing these twenty(20) rifles have been reviewed with Design and PE&C.

6786690-308-EY-96

1. Can be made to follow down - if the bolt is rotated and maintained in forward position.
2. Can be made to fire with safety if safe thumb piece is positioned at approx. 1/2 way between safe on - safe off, and trigger is pulled.
3. Trigger pull: 4.25, 3.75, 4.00.
4. Sear-to-connector engagement appears normal.

2813  
AL 0030003

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6786650 - 308-BZ-96

1. Can be made to follow down
2. Can be made to fire with safe.
3. Trigger pull - 5.00, 4.75, 4.75
4. Sear-to connector engagement appears - below normal.
5. Drilling chip removed from fire control.

6786714 - 308-EY-96

1. Can be made to follow down.
2. Can be made to fire with safe
3. Trigger pull 3.75, 3.75, 4.00
4. Sear-to-connector engagement appears excessive plus.

6786492-308-EY-96

1. Can not be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull - 5.0, 5.0, 5.0
4. Sear-to-connector engagement appears Normal.

6786394-308-EY-96

1. Can not be made to follow down
2. Can be made to fire with safe
3. Trigger pull 4.00, 4.25, 4.25
4. Sear-to-connector engagement appears Normal.

3013  
AL 0030004

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674531-222-EY-96

1. Can not be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull ~ 4.25, 4.25, 4.25
4. Sear-to-connector engagement appears below Normal.
5. Drilling chip removed from fire control.

6808449-222-XY-96

1. Can be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull ~ 4.50, 4.25, 4.25
4. Sear-to-connector engagement appears below Normal.

6808576 - 222-XY-96

1. Can not be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull - 3.75, 3.75, 3.50.
4. Sear-to-connector engagement appears Normal.

6808461 - 222-XY-96

1. Can not be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull 3.50, 3.25, 3.50
4. Sear-to-connector engagement appears normal.

4813  
AL 0030005

To: W. E. Leek  
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6806518-6mm-XY-59

1. Can be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull - 4.25, 4.00, 3.75
4. Sear-to-connector engagement appears normal.

6807129-6mm-XY-96

1. Can not be made to follow down.
2. Can not be made to fire with safe.
3. Trigger Pull - 3.50, 4.25, 4.25
4. Sear-to connector engagement appears below normal.

XXX

6806550 - 6mm-XY-59

1. Can not be made to follow down.
2. Can not be made to fire with safe.
3. Trigger Pull - 3.00, 2.75, 2.75
4. Sear-to-connector engagement normal.

XXX

6807245-6mm-XY-59

1. Can not be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull - 3.50, 3.00, 3.50
4. Sear-to-connector engagement appears normal.

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6807380-6mm-XY-96

XXX

1. Can not be made to follow down.
2. Can not be made to fire with safe.
3. Trigger pull 3.00, 2.50, 2.50.
4. Sear-to-connector engagement appears normal.
5. Rear sight broken, spacer block is backward which is possible cause.

6785732-243 Cal. -EY-96

1. Can be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull 4.00, 3.75, 3.75
4. Sear-to-connector engagement appears normal.

6785572-243 Cal. - DY-96

1. Can not be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull 3.50, 4.25, 4.25.
4. Sear-to-connector engagement appears normal.

6786165-243 Cal. - EY-96

1. Can not be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull - 4.25, 4.50, 4.25
4. Sear-to-connector engagement appears normal.

6813  
AL 0030007

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6785580 - 243 Cal. - DY-96

XXX

1. Can not be made to follow down.
2. Can not be made to fire with safe.
3. Trigger Pull - 4.50, 4.25, 4.25,
4. Sear-to-connector engagement appears normal.
5. Large wood chip inside stock next to fire control

6785586 - 243 Cal. - DY-96

1. Can not be made to follow down.
2. Can be made to fire with safe.
3. Trigger pull 4.50, 4.50, 4.25
4. Sear-to-connector engagement appears below normal.

6807766 - 222 Cal. - BZ - 96

1. Can not be made to follow down
2. Can be made to fire with safe.
3. Trigger pull 6.00, 5.50, 5.50
4. Sear-to-connector engagement appears normal.

AAH/FEM:bd  
Measurement/Test Lab  
Illion Research Division

Attachments (4)

7813  
AL 0030008

To: W. E. Leek  
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MOHAWK 600

308

6714 - EY Oct. 74  
6492 - EY Oct. 74  
6650 - BZ Jan. 75  
6394 - EY Oct. 74  
6690 - EY Oct. 74

243

5580 - DY Sept. 74  
6165 - EY Oct. 74  
5572 - DY Sept. 74  
5532 - EY Oct. 74  
5586 - DY Sept. 74

222

8461 - XY Dec. 74  
5531 - EY Oct. 74  
8449 - XY Dec. 74  
7766 - BZ Jan. 75  
8576 - XY Dec. 74

6mm

6518 - XY Dec. 74  
7129 - XY Dec. 74  
6550 - XY Dec. 74  
7245 - XY Dec. 74  
7380 - XY Dec. 74

K S I C

1/23/75

AL

8013

AL 0030009



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MOHAWK 600

6mm

6807380  
6807245 - Burr on Trigger Guard  
6806550 - Poor finish on stock  
6807129 - Poor finish on stock - marred  
6806518

243

6785586  
6785580 - Open grain - right side of stock - rough trigger  
6786165 - Burr on trigger Guard  
6785572  
6785732 - Poor finish left side stock

308

6786690  
6786394 - Catch when closing bolt  
6786650  
6786492  
6786714

222

6808449 - Fore-end on stock - marred  
6745531  
6808461 - marred fore-end  
XY 6808576 - Barrel marred  
EZ 6807766 - Poor finish on both side/pistol grip

1/23/75

AL

9813  
AL 0030010

A

LARGE WOOD CHIP + STAINING

REMOVED FROM STOCK - NEXT  
TO FIRE COMPART

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6785580-243-DY-96

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10813  
AL 0030011

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TAKEN FROM REAR OF  
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678<sup>th</sup> 6650 - 308 - BR - 96

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C

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11/13

AL 0030012

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TAKEN FROM REAR OF  
3002

6945531-222-41-96

12/13

RD 6605

cc: J. McIntyre

TO: R. E. SMITH

ILION RESEARCH DIVISION

FIREARMS WITHDRAWAL ~~XXXXXXXXXX~~

DATE January 23, 1975

QUANTITY 28

LETTER NO. 1484

MODEL Mohawk 600

CAL. ~~10A~~ Various

WORK ORDER E 0257

SERIAL NOS.

6150  
6807766

6152  
6786714

6154  
6785580

6152  
6807380  
6806558

6808716  
6808461

6786492

6785586  
6785572

6807245  
6806518

6808499

6786394

6786105

6807129

6745531

6786650

6785152

222

6786690  
308

243

REMARKS: Testing.

Approved

JPLinde:T

13013  
AL 0030014