

## REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



XC: C. E. Workman  
J. W. Brooks  
J. J. Burns  
G. J. Hill

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" \_\_\_\_\_

June 4, 1982

TO: C. E. RITCHIE  
FROM: J. H. HENNINGS *J. Hennings*  
SUBJECT: MODEL 700 NO-BOLT LOCK ARM FIRE CONTROL EVALUATION  
Request #820501 - Work Order C-1803-000

A meeting was held today with J. Brooks, G. Hill and J. Hennings to review the test schedule. It was reviewed and accepted. P E & C is to supply at least two Gallery personnel to assist with live fire testing. J. Burns is to arrange on 6-7-82.

TEST PROCEDURE:

- o Five fire control samples are to be evaluated.
- o Model 700 - 6MM Cal. rifles to be used.

<u>Fire Control No.</u>	<u>Rifle No.</u>
1	A6752973
2	A6744869
3	A6744915
4	A6745544
5	A6747525

1. 0 Cycles - headspace, firing pin indent, trigger pull, safe on/off forces, sear lift, and sear engagement.
2. Fire 1,000 rds., any bullet weight, through each rifle, checking safe operation every 20 rds. Clean chamber every 100 rds.  
Note: Air cool rifle every 20 rds.
3. Measure headspace, trigger pull, safe on/off forces, sear lift and sear engagement.
4. Dry cycle safe on/off for 2,500 cycles each rifle. Safe on/off forces to be checked every 500 cycles.

## MODEL 700 NO-BOLT LOCK ARM FIRE CONTROL EVALUATION

2.

TEST PROCEDURE: Contd.

5. Measure sear lift and sear engagement at completion of dry cycle. Also record trigger pull.
6. Fire 1,000 rds. any bullet weight, through each rifle, checking safety operation every 20 rds. Air cool rifle every 20 rds. and clean chamber every 100 rds.
7. Repeat Step No. 3 - all measurements.
8. Dry cycle safe on/off for 2,500 cycles each rifle. Safe on/off forces to be checked every 500 cycles.
9. Repeat Step No. 5 - measurements.
10. Fire 500 rds any bullet weight, through each rifle, checking safety operation every 20 rds. Air cool rifle every 20 rds and clean chamber every 100 rds.
11. Repeat Step No. 3 - all measurements.
12. Dry cycle safe on/off for 2,500 cycles each rifle. Safe on/off forces to be checked every 500 cycles.
13. Repeat Step No. 3 - all measurements.

Review test results.

Note: At the completion of the live fire and dry cycle testing, drop tests should be conducted before no-bolt lock arm is transferred to production for manufacture.

JHHennings:eb