

NUMBER		REMINGTON ARMS CO. INC.	
A-EXPI411		ELION RESEARCH DIV.	
SCALE	SUPERSEDES	REFERENCE	

TITLE			
SPRING, TRIGGER ADJUSTMENT			
DES. BY DATE	ORIG. BY DATE	CHK. BY DATE	APP. BY DATE
LRS 8-2-85			

MODEL	PART USE
NBAR	TRIGGER ADJUSTMENT SPG

THIS DRAWING OR INFORMATION IS
PROPRIETARY INFORMATION TO THE
REMINGTON ARMS COMPANY, INC.

RECOMMENDED MATERIAL AND HEAT TREAT

MATERIAL MUSIC WIRE
HEAT TREAT _____

INSPECTION 8.09 7.01 .105 .400
1. TO WORK FREELY IN A _____ DIA. HOLE
2. TO WORK FREELY ON .003 DIA. PIN
3. LOAD _____ TO .500 LB. AT _____ (L1) (R. SH/ABE)
LOAD _____ TO _____ LB. AT _____ (L2) (GROUND)
4. SOLID HEIGHT _____ MAX. 7. WIND _____ HAND
5. FREE LENGTH _____ MIN. 8. REMOVE SET: NO (EXCEPT FOR INSP)
6. ENDS _____ YES

MANUFACTURE .021 .599
9. WIRE DIA. .102 11. FREE LENGTH 16
10. OUTSIDE DIA. _____ 12. COILS: ACTIVE 19
TOTAL _____

DESIGN DATA

13. SPRING RATE _____ LB./IN.
14. SOLID STRESS 82.88 LB./SQ.IN.
15. SOLID LOAD 230.369 LBS.
16. SPRING INDEX 3.88
17. TORSIONAL MODULUS 7.27 LB./SQ.IN.
18. CURVATURE CORRECTION FACTOR _____ (WAHL)
19. VELOCITY IMPACTING MASS _____ IN./SEC.
20. CRITICAL FREQUENCY _____ HZ.

PROCEDURE FOR REMOVING SET: COMPRESS TO SOLID AND HOLD FOR 24 HRS.
OR BUMP SET 25 TIMES.

THIS SPRING MUST MEET THE REQUIREMENTS IN THE INSPECTION SECTION.
FIGURES GIVEN IN THE MANUFACTURE SECTION INDICATE THE PREFERRED
SPRING, BUT THE MANUFACTURER MAY DEVIATE FROM THESE AT HIS OWN
DISCRETION. FIGURES IN THE DESIGN DATA SECTION ARE BASED ON THOSE
IN THE MANUFACTURE SECTION.

ALT.	WHO	REF.	BY	DATE

TFA-3 REV. 3 ALTERATIONS

CV FILENAME - RES.FORM.SPG

A-

R2522519

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON