

NUMBER A-		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT. SCALE SUPERSEDED-REFERENCE		RECOMMENDED MATL. & HEAT TREAT Material <u>MUSIC WIRE</u> Heat Treat <u>STRESS RELIEVE</u> Approval (By Date) _____		
TITLE SPRING, COMPRESSION						
DES. BY DATE		DRN. BY DATE		CHK. BY DATE		APP. BY DATE
F. MARTIN 4-18-80						
FOR DETAILS, SEE PROCESS RECORD						
MODEL	PART USE			QUAN.		SEE
NBAR	TRIGGER SPRING					

INSPECTION

1. To work freely in .112 dia. hole
2. To work freely on W dia. pin
3. Load 1.21 to 1.40 lb. at .545 length (with set removed)
4. Solid Height .426 max.
5. Free Length .595 min.
6. Ends PLAIN
7. Wind OPT H
8. Remove set (~~W~~)

(No [except for inspection])

MANUFACTURE

9. Wire dia. .020
10. Outside dia. .109
11. Free Length .625 (with set removed)
12. Coils 20 Active 20 Total

DESIGN DATA

13. Rate 16.31 lb./in.
14. Solid Stress 28,425.5 lb./sq. in.
15. Solid Load 3.34 lb.
16. Spring Index 4.45
17. Torsional Mod. G = 11.5 ¹⁰⁶ lb./sq. in.
18. Concentric Corr. 1.356 (WASH)

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.	WAS	REFERENCE	BY	DATE
ALTERATIONS				

TFA-3 REV 2