

NUMBER		REMINGTON ARMS CO. INC.	
A-		RESEARCH & DEV. DEPT.	
TITLE		SCALE	SUPERSEDED-REFERENCE
SPRING, COMPRESSION			
DES. BY DATE	DRN. BY DATE	CHK. BY DATE	APP. BY DATE
F. MARTIN	4-18-86		
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
NBAR	TRIGGER SPRING		

RECOMMENDED MATL. & HEAT TREAT
 Material INUSIC WIRE
 Heat Treat STRESS RELIEVE
 Approval (By Date) _____

INSPECTION

- To work freely in .112 dia. hole
- To work freely on --- dia. pin
- Load 1.21 to 1.40 lb. at .545 length (with set removed)
- Solid Height .426 max.
- Free Length .595 min.
- Ends PLAIN
- Wind OPT H
- Remove set (~~---~~)
(No [except for inspection])

MANUFACTURE

- Wire dia. .020
- Free Length .625 (with set removed)
- Outside dia. .109
- Coils 20 Active 20 Total

DESIGN DATA

- Rate 16.31 lb./in.
- Spring Index 4.45
- Solid Stress 28,425.5 lb./sq. in.
- Torsional Mod. $G = \frac{11.5 \times 10^6}{\text{lb./sq. in.}}$
- Solid Load 3.34 lb.
- Concentric Corr. 1.356 (WANK)

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

HW 3 10 1183+