

NOTES:-

- 1- STRESS RELIEVE AT $435^{\circ} \pm 10^{\circ}\text{F}$ FOR 30 MINUTES AFTER COILING.
- 2- FINISH 3.3.1 OF MIL-STD-171 WITH MIL-L-3150 SUPPLEMENTARY OIL TREATMENT.
- 3- MANUFACTURE IN ACCORDANCE WITH MIL-S-13572, TYPE 1, GRADE B, EXCEPT THAT PARA 4.4.4.1 (PROCEDURE FOR REMOVING SET) SHALL NOT APPLY. PARA. 4.4.4 (LOAD TEST) SHALL APPLY AFTER SPRING HAS BEEN COMPRESSED SOLID FIVE (5) TIMES.
- 4- HOLE DIA. INTO WHICH SPRING FITS FREELY.....328 MIN.
5. ROD DIA. OVER WHICH SPRING SLIDES FREELY....248 MAX.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
J	REPLACES REV-H, WITH CHNG NGR W8S3014 79-05-01	79-11-07	<i>R. Hall</i>
K	ERRZ9Z2127AC (ECPW6S2003/860410) (ECPG7S2011/870413)	891215	<i>ORFI Wm</i> <i>R. Hall</i>
L	ERR Z9Z1309H (ECP GOS2044, 91-01-04)	91-04-08	<i>Wm</i> <i>R. Hall</i>

WIRE DIAMETER _____ .031
 COIL DIAMETER (O.D.) _____ .321-.010
 FREE LENGTH _____ .781 REF
 TOTAL COILS _____ 7 TOTAL REF.
 DIRECTION OF HELIX _____ R.H. OR L.H.
 LOAD AT COMPRESSED LENGTH OF .656 _____ 1.20 LB \pm .12 LB
 LOAD AT COMPRESSED LENGTH OF .433 _____ 3.34 LB \pm .34 LB
 SPRING RATE _____ 9.61 LB/IN REF.
 SOLID LENGTH _____ .220 MAX.
 TYPE OF ENDS _____ OPEN ENDS GROUND

F12007400	
A12002949	
A12002950	
	GUN, ACFT,
A12002952	CAL .50
F12002953	GAU 10/A

PART NO.5013566

F 7265650	M3, AC BASIC	MECHANICAL PROPERTIES YP _____ TS _____ EL2 _____ RA _____ BH _____ RH _____	DO NOT SCALE DRAWING	ORIGINAL DATE OF DRAWING 01 MAY 34	SPRINGFIELD ARMORY, SPRINGFIELD, MA	
F 7265636	M2, FLEX		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAFTSMAN EE GRASHILL	CHECKER <i>B</i>	SPRING, HELICAL COMPRESSION
F 7265637	M2, FXD		TOLERANCES ON DECIMALS \pm	ENGR BGS	ENGR	
F 7265646	M2, TT		FRACTIONS \pm ANGLES \pm	ENGR JB	ENGR DENNIS ASH	
F1691500	XM 218			MATERIAL WIRE, MUSIC, STEEL, ASTM A228	SUBMITTED WM GIBSON	SIZE B
F8447956	XM 213		FINAL PROTECTIVE FINISH	APPROVED RS HENRY	5013566	
	MG, CAL .50		NOTE 2 APPLIES		SCALE <i>XL</i> UNIT WT. SHEET 1 OF 1	
APPLICATION						