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WIRE DIAMETER ----- .0350 ± .0005
 COIL DIAMETER (O. D.) ----- .148 ± .002
 FREE LENGTH ----- 2.13 REF
 TOTAL COILS ----- 40 REF
 DIRECTION OF HELIX ----- R H
 LOAD AT COMPRESSED LENGTH OF 1.56 ----- 21.5 LB ± 1 LB
 LOAD AT COMPRESSED LENGTH OF 1.45 ----- 25.7 LB ± 1 LB
 SPRING RATE ----- 38.33 LB/IN REF
 SOLID LENGTH ----- 1.44 MAX
 TYPE OF ENDS ----- OPEN ENDS GROUND
 MANUFACTURE IN ACCORDANCE WITH MIL-S-13572, TYPE I, GRADE A.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
C		22 OCT 63	
D	REDRAWN & REVISED SEE EO SA 27441	2 NOV 64	<i>[Signature]</i>
E	(1) SEE EO SA 29262	18 MAY 66	<i>[Signature]</i>
F	(1-2) SEE EO 82046	11 MAR 68	<i>[Signature]</i>
G	(1) SEE EO HRD 92078-2	25 JUN 69	<i>[Signature]</i>
H	SEE EO HRD 02138	21 FEB 75	<i>[Signature]</i>
J	(3) SEE ERR HQR 40681	10 FEB 75	<i>[Signature]</i>
K	NOR W8S2022/79-03-26	79-04-01 SA 8722	<i>[Signature]</i>
L	NORW4S2051/840824 ECPW5S2069 / 851223	860121	<i>[Signature]</i>

NOTES:

1. FIRST COIL ON BOTH ENDS SHALL BE FORMED TO .069 + .004 INSIDE DIAMETER.
2. HOLE DIA INTO WHICH SPRING FITS FREELY .152 MIN.
3. ROD DIA OVER WHICH SPRING SLIDES FREELY MAX.
4. HEAT TREATMENT: STRESS RELIEVE AT 425 °F. TO 445 °F FOR 30 MIN, AFTER COILING.
5. LOAD REQUIREMENTS SHALL APPLY AFTER SPRING HAS BEEN COMPRESSED TO SOLID LENGTH 3 TIMES.

CURRENT DESIGN ACTIVITY FSCM NO. 19200
 U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER
 DOVER, NEW JERSEY 07801

(USED WITH EJECTOR - 726704)

(E1) ORIGINAL FSCM NO. 19205

PART NO. 7267959

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE OF DRAWING	1 SEP 55	SPRINGFILE	SPRINGFILE
YP		RIFLE, M14	TOLERANCES ON DECIMALS ±	DRAFTSMAN	CHECKER	SPRINGFILE	
TS		RIFLE, M14	FRACTIONS ±	CLB	E.F.K.	SPRINGFILE	
EL 2			ANGLES ±	TRACER	CHECKER	SPRINGFILE	
RA			MATERIAL: STEEL WIRE.	ENGINEER	ENGINEER	SPRINGFILE	
BH			SPEC QQ-W-470	SUBMITTED	WHS	SPRINGFILE	
RH			HEAT TREATMENT	APPROVED		SPRINGFILE	
			SEE NOTE 4			SPRINGFILE	
			FINAL PROTECTIVE FINISH			SPRINGFILE	
			LUB OIL, SPEC VV-L-800			SPRINGFILE	

SWESP Form 467
 6 MAR 63

CODE IDENT NO.	DWG SIZE	7267959
19205	B	
SCALE	UNIT WT	SHEET 1 OF 1