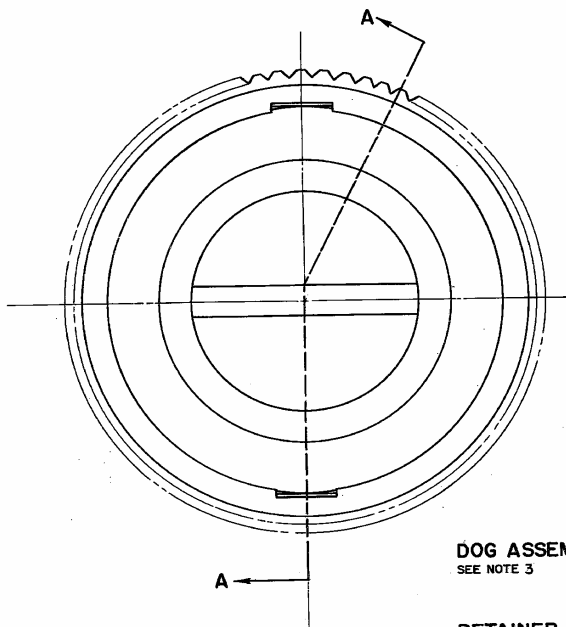


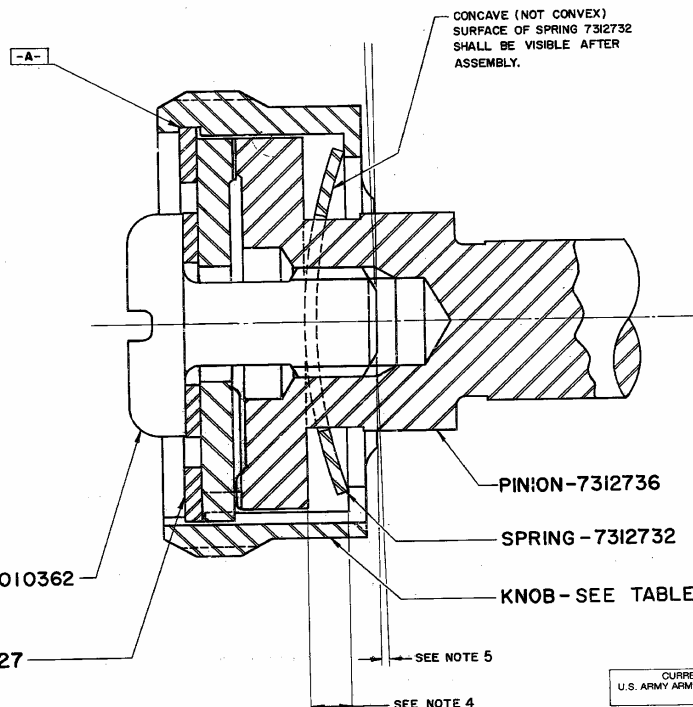
NOTES

1. LOCATION OF MANUFACTURERS IDENTIFICATION MARK FOR THESE ASSEMBLIES SHOWN ON KNOB DWGS D7267098 AND D7312734.
2. RETAINER 7312727 SHALL BE COMPRESSED FLAT AND TIGHT INTO GROOVE BY THE APPLICATION OF STEADY PRESSURE IN SUCH A MANNER THAT THE SPRING 7312732 SHALL NOT BE COMPRESSED FLAT OR SOLID IN THE PROCESS. AFTER INSTALLATION THE RETAINER SHALL REMAIN FLAT AND TIGHT IN THE GROOVE WITH THE FLAT ENGAGING THE SHOULDER, SHOWN AT **-A-** CONCENTRICALLY TO PREVENT THE RETAINER FROM LOOSENING AND DISASSEMBLING.
3. AFTER ASSEMBLY, SCREW MUST BE BACKED OFF 2 1/4 TURNS FROM A SEATED POSITION BEFORE DISENGAGING. AFTER DISENGAGEMENT, EACH TURN OF THE SCREW SHOULD RESULT IN AN AUDIBLE CLICK. DO NOT TRY TO REMOVE THE SCREW FROM THE ASSEMBLY, AS IT IS LOCKED INTO PLACE TO PREVENT ITS LOSS OR REMOVAL.
4. SPRING TEST: THE PINION SHALL BE CAPABLE OF AT LEAST .040 FREE LONGITUDINAL MOVEMENT UNDER SPRING TENSION WITHIN THE KNOB, WITHOUT RESTRICTION BY THE KNOB.
5. KNOB TEST: THE KNOB SHALL BE CAPABLE OF TIPPING AWAY FROM A NORMAL POSITION IN ANY DIRECTION WITHOUT BINDING ON THE PINION, AN AMPLIE AMOUNT TO PERMIT ENGAGEMENT OF THE INDEXING TOOTH TO FULL WORKING DEPTH IN THE SERRATIONS OF THE RECEIVER OR EQUIVALENT GAGE MINIMUM OF 1° 30'.
6. MIL-W-13855 SHALL APPLY.



DOG ASSEMBLY-11010362
SEE NOTE 3

RETAINER - 7312727
SEE NOTE 2



SECTION A-A

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
	REPLACES WITH CHANGE DWG. D7267098, REV C. SEE EO SA 27608		
A	(1) SEE EO 82048	11 MAR 68	<i>P. H. H.</i>
B	(1) SEE EO HRD 92078-2	25 JUN 69	<i>P. H. H.</i>
C	SEE EO HRD 02138	7 FEB 75	<i>P. H. H.</i>
D	NOR WSS2022/79-03-26	79-04-01	<i>P. H. H.</i>
E	NORW4S2051/8408 24 KECPW552069R1/851223	860121	<i>P. H. H.</i>
F	NOR GISS149 9110 23	911203	<i>P. H. H.</i>

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

APPLICATION	KNOB USED	PINION ASSY NO.
RIFLE, 7.62 MM M14, M14A1, M14-NM	7267098	11010363
U.S. RIFLE, CAL .30, M1, M1C, M1D, M1-NM	7312734	11010364

ORIGINAL FSCM NO. 19205

SPRINGFIELD ARMOY, SPRINGFIELD, MA

PINION ASSEMBLY,
REAR SIGHT ELEVATING

19205 D 11010363

SCALE 10/1 UNIT WT SHEET 1 OF 1

FOR LIST OF PARTS, SEE ENGINEERING PARTS LIST 11010363

MECHANICAL PROPERTIES		F7266698 30R-M1		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE OF DRAWING 7 SEP 65	
YP	F7266699	30R-M1C		TOLERANCES ON DECIMALS	DRAFTSMAN WBS	CHECKER JSH	
TS	F7266700	30R-M1D		FRACTIONS ANGLES	TRACER WBS	CHECKER JSH	
SA	F7267000	RIFLE, M14		MATERIAL	ENGINEER JSH	ENGINEER JSH	
RA				HEAT TREATMENT	SUBMITTED		
BH				FINAL PROTECTIVE FINISH	APPROVED		
RH							

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