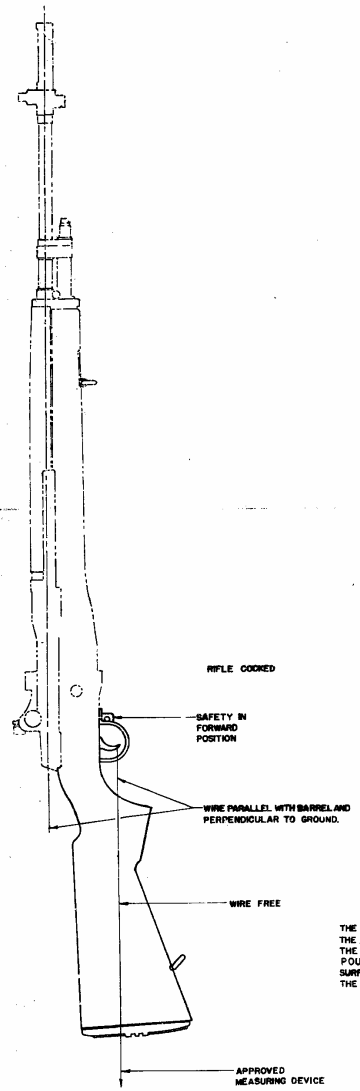
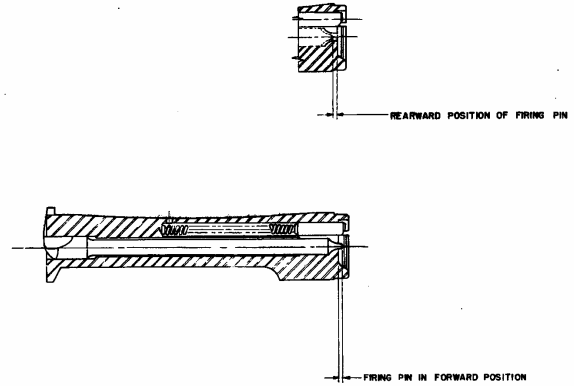
F 2 / 2

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
XO	—		
—	PRODUCTION RELEASE SEE ERR W4S2051 / 840824 (ELPW5S2069R1 / 851203)	860121	



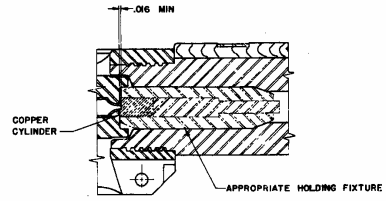
SCALE 1/2

THE TRIGGER PULL (PARALLEL TO ℄ OF BORE) REQUIRED TO RELEASE THE HAMMER SHALL BE SMOOTH, FREE FROM "CREEP" AND WITHIN THE LIMITS OF FOUR AND ONE-HALF TO FOUR AND THREE-QUARTER POUNDS. FRONT AND REAR HAMMER HOOKS AND MATING SURFACES OF THE TRIGGER SHALL BE ALTERED BY STONING TO MEET THE REQUIRED TRIGGER PULL.

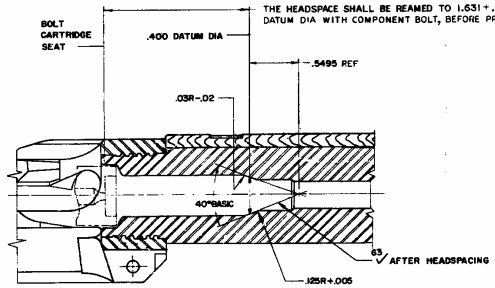


VIEWS SHOWING LIMITS OF FIRING PIN POSITIONS
(BOLT OUT OF RIFLE)
(SEE DWG C7790187 FOR REQUIREMENTS)

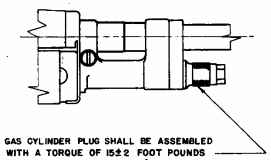
FIRING PIN INDENT SHALL BE TAKEN IN SOFT, ANNEALED, 99.90 % PURE COPPER COMPRESSION CYLINDERS (GOVERNMENT STANDARD) AND SHALL NOT BE OFF CENTER MORE THAN ONE - HALF THE DIAMETER OF THE FIRING PIN POINT.



VIEW OF FIRING PIN INDENT

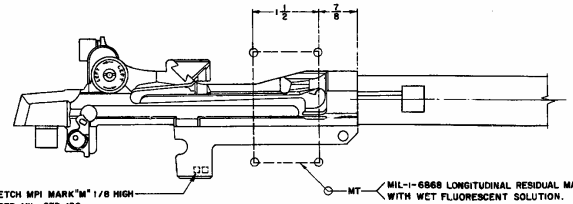


VIEW OF HEADSPACE



GAS CYLINDER PLUG SHALL BE ASSEMBLED WITH A TORQUE OF 15±2 FOOT POUNDS

SCALE 1/1



NOTE: AFTER COMPLETION OF ALL FIRING TESTS (HIGH PRESSURE RESISTANCE, FUNCTION FIRING AND TARGETING AND ACCURACY) PER SPEC MIL-R-45979, EACH RECEIVER SHALL BE FREE FROM CRACKS, SEAMS, AND OTHER INJURIOUS DEFECTS AS DETERMINED BY MAGNETIC PARTICLE INSPECTION USING A STANDARD 5 TURN MAGNETIZING COIL WITH A CURRENT OF 800 TO 1200 AMPERES. APPLY MPI MARK TO RIFLES MEETING THIS REQUIREMENT. APPLICATION AND REMOVAL OF THE WET FLUORESCENT SOLUTION SHALL BE CONTROLLED TO PREVENT CONTAMINATION IN AREAS OF REAR SIGHT, BOLT STOP, SEAR RELEASE AND CARTRIDGE CLIP GUIDE. ADEQUATE CONTROL SHALL ALSO BE MAINTAINED TO MINIMIZE CONTAMINATION IN AREAS OF BARREL AND RECEIVER THREADS AND CONNECTOR LOCKING PIN.

		MECHANICAL PROPERTIES	
		YP	
		TS	
		EL2	
		RA	
9386974	M21 SNIPER RIFLE M14 NM RIFLE	BH	
NEXT ASSY	USED ON	RH	
APPLICATION			

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON DECIMALS ±
FRACTIONS ± ANGLES ±

ORIGINAL DATE OF DRAWING 84-05-21
DRAFTSMAN RSR | CHECKER
ENGR | ENGR
ENGR Edward J Brannon | ENGR Ernest Mann

PART NO.

U S ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER
DOVER NEW JERSEY 07801

RIFLE, 7.62 MM
M14 NATIONAL MATCH

SIZE J | FSCM NO. 19200 | 9386974
SCALE 1/1 | UNIT WT | SHEET 4 OF 4

ARMADCOM Form 79-1 Feb 78

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