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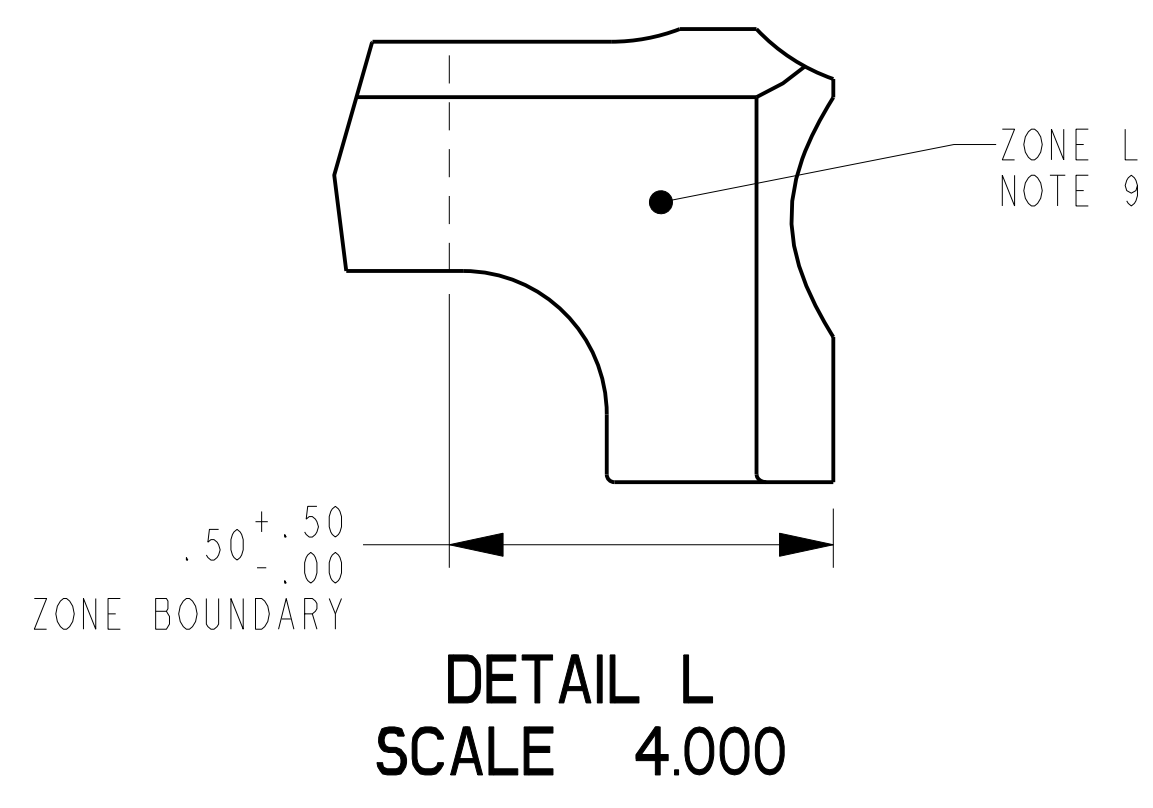
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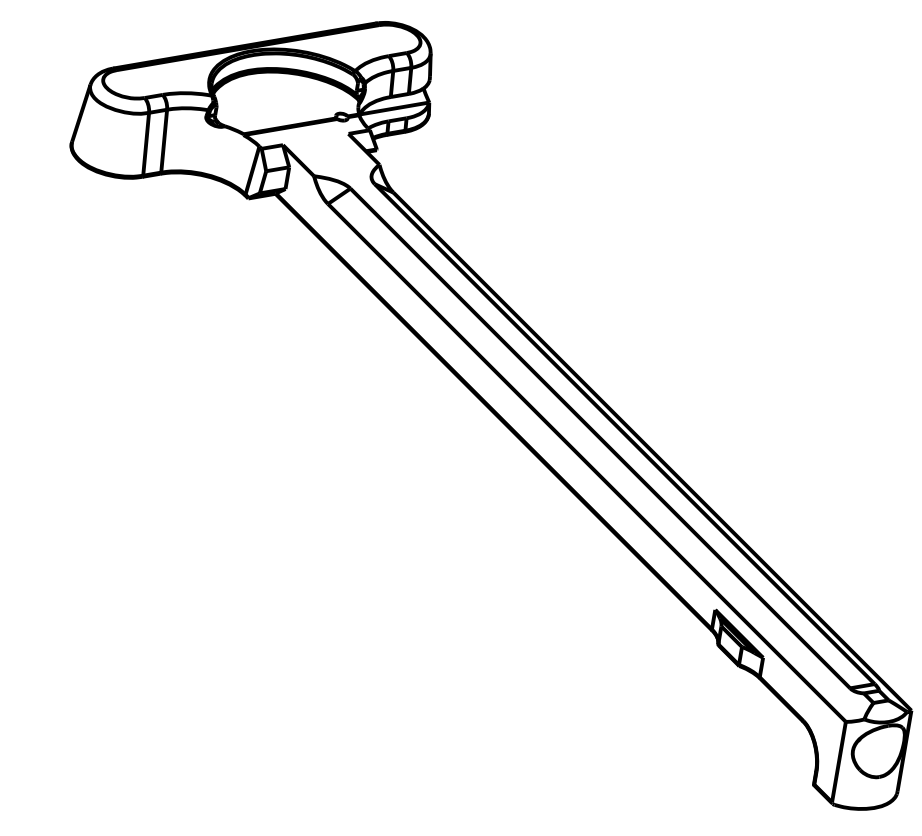
MODEL REV		DRAWING REV		DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	G	NOR	GIS2018 /	1991-07-08	1991-10-11	
-	H	NOR	L2S3028 /	2002-05-24	2002-07-30	JJW
A	J	NOR	L04S3055 /	2004-10-27	2004-12-15	RJC
B	K	NOR	L10S3087 /	2010-07-29	2010-08-03	BMG
C	L	NOR	L10S3103 /	2010-09-10	2010-11-08	GJC

- NOTES
- MIL-W-13855 APPLIES.
  - MATERIAL: MAKE FROM CHARGING HANDLE FORGING PER DRAWING NUMBER 8448647.
  - ALL DIMENSIONS APPLY BEFORE PRIOR TO PROTECTIVE FINISH.
  - PRIOR TO PROTECTIVE FINISH, GRIT BLAST EXTERIOR OVER LENGTH  $-E-$  MIN TO PRODUCE A NON-REFLECTIVE MATTE SURFACE.
  - PROTECTIVE FINISH: FINISH 7.5.2 OF MIL-STD-171 AND SEAL THICKNESS:  $.0010 \pm .0002$ . COLOR: APPROXIMATELY COLOR NO. 37038 (LUSTERLESS BLACK) BUT NOT LIGHTER THAN COLOR NO. 36076 OF FED-STD-595.
  - BREAK EDGES  $.005 \pm .010$  EXCEPT AS NOTED.
  - SURFACE FINISH:  $125$  EXCEPT AS NOTED.
  - QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING NUMBER 12993884 APPLY.
  - ALL SIDES, EDGES, AND CORNERS OF ZONE L SHALL BE SUBJECTED TO LIQUID PENETRANT TESTING.

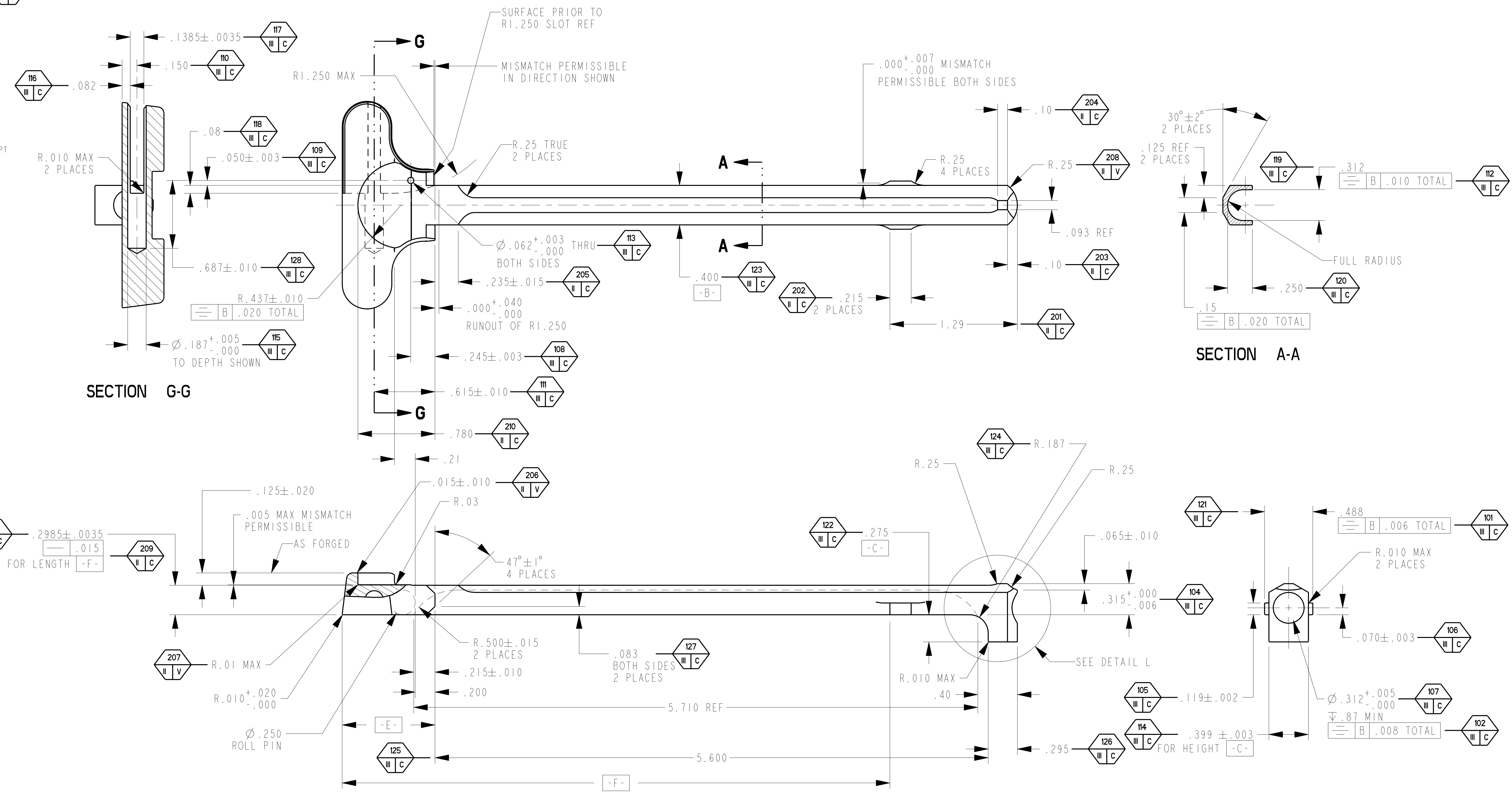


STM (SPECIAL TEST METHOD) 301: LIQUID PENETRANT TESTING. AFTER COMPLETION OF ALL MACHINING OPERATIONS AND PRIOR TO PROTECTIVE FINISH, LIQUID PENETRANT TESTING PER ASTM E 1417 SHALL BE PERFORMED ON SAMPLES SELECTED FROM EACH PRODUCTION LOT. VERIFICATION LEVEL III PER MIL-STD-1916 SHALL APPLY. THE PENETRANT SYSTEM USED SHALL BE TYPE I (FLUORESCENT DYE), METHOD D (POST-EMULSIFIABLE, HYDROPHILIC), SENSITIVITY LEVEL II (MEDIUM), WITH A FORM B (WATER-SOLUBLE) DEVELOPER AND A CLASS 2 (NONHALOGENATED) SOLVENT REMOVER. IF ONE OR MORE DISCONTINUITIES ARE DETECTED ON THE SURFACE OF A SAMPLE, THEN THE SAMPLE SHALL FAIL. IF ONE OR MORE OF THE SAMPLES FAIL, THEN THE PRODUCTION LOT SHALL BE REJECTED.

- 212 NON-REFLECTIVE MATTE SURFACE
- 213 NO MISSING OR DEFECTIVE PROTECTIVE FINISH
- 214 WORKMANSHIP
- 502 SALT SPRAY TEST
- 503 COATING WEIGHT



DISTRIBUTION STATEMENT F: FURTHER DISTRIBUTION ONLY AS DIRECTED BY US ARMY ARDEC, AMSTA-AR-CCL-F, ROCK ISLAND, IL; 1993-09-14.



MARK PRIME CONTRACTOR'S CAGE CODE  
.062 ± .010 HIGH X .015 MAX DEEP  
IN APPROXIMATE POSITION SHOWN

CURRENT DESIGN ACTIVITY CAGE CODE 19200  
US ARMY  
ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER  
PICATINNY ARSENAL, NEW JERSEY 07896-5000

THIS DRAWING WAS GENERATED FROM A SOLID MODEL AND IS CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

PART NO. 8448518

PMIC	M231	DO NOT SCALE DRAWING	CONTRACT NUMBER	DESIGN ACTIVITY
	M4A1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		US ARMY
	M4	TOLERANCES ON ANGLES ± 2°	CONTRACTOR	ROCK ISLAND ARSENAL
	M16A4	2 PLACE DECIMALS ± .01		ROCK ISLAND, ILLINOIS
	M16A3	3 PLACE DECIMALS ± .005	DRAWN BY	
	M16A2	THIRD ANGLE PROJECTION	B. NICEWANNER	
	M16A1		DATE (YEAR-MO-DA)	
	M16		1970-04-23	
YP			CHECKER	
TS			J. WINDHAM	
EL2			ENGINEER	
RA			L. KO	
BH			ENGINEER	
RH			QUALITY ENGINEER	
			DRAWING APPROVAL	
			L. BRINTON	
			DATE	
			2002-05-24	
			DESIGN APPROVAL	
			R. ELBE	
			DATE	
			2002-05-24	
			SCALE	
			2.000	
			UNIT WT.	
			0.0639	
			SHEET	
			1 OF 1	

HANDLE, CHARGING

SIZE F CAGE CODE 19204 DWG NO. 8448518