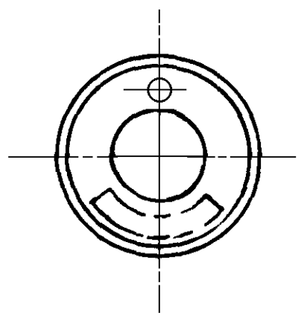
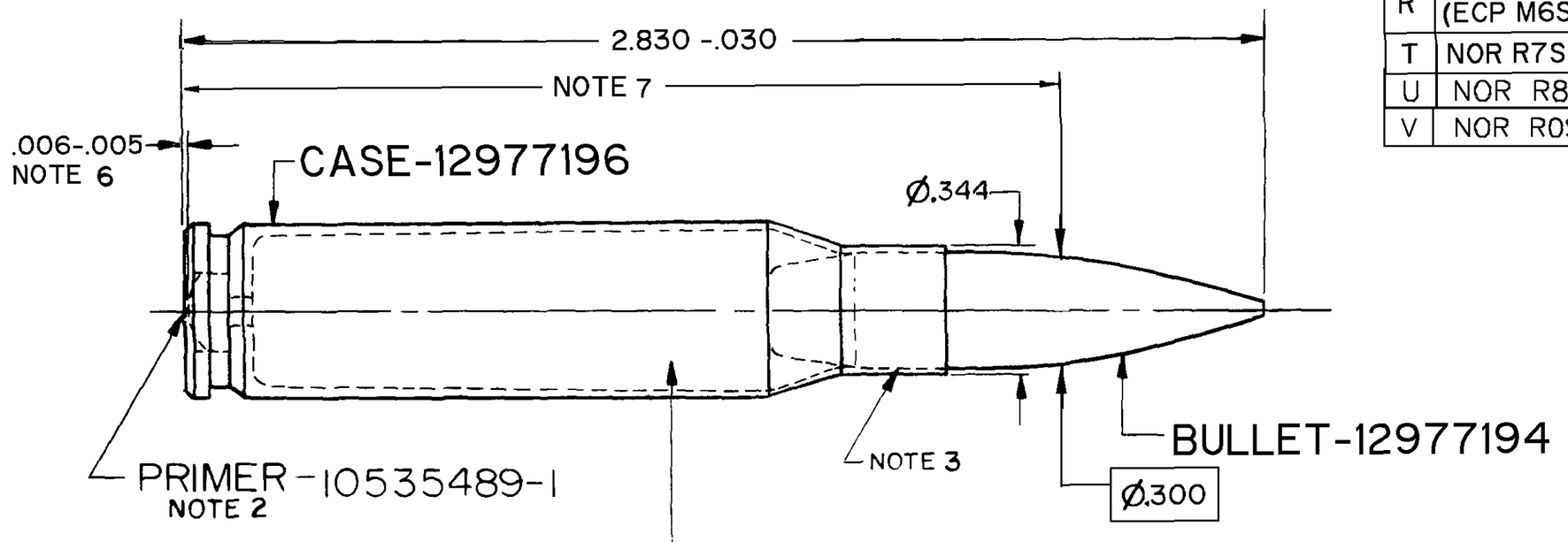
C8597555

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
G	REPLACES REV F WITH CHANGES, SEE EO# S10007	3-9-71	
H	(1-6) SEE ERR# S20068	8-1-72	
J	NOR A7Q3010, 77-07-22	810701	
K	NOR A2S 2012/820730	830228	
L	NOR A2S2033 830218	831214	
M	NOR A4S2026, 840730	841207	
N	NOR M2S2024 920730	920831	
P	NOR M2S3078 921230	930224	
R	NOR M6K2022 960611 (ECP M6S3025 960617)	960910	HJS
T	NOR R7S2025 970917	971020	JB
U	NOR R8S2031 981214	990209	TPT
V	NOR R0S3036 000919	001017	RLV





NOTES:

1- SPEC MIL-A-2550, DTL 8597555 AND ANSI Y14.5M-1982 APPLY

2- JOINT BETWEEN WALLS OF PRIMER AND POCKET TO BE WATERPROOFED WITH A VISIBLE MATERIAL, SPEC MIL-L-10287 (SEE NOTE 5).

3- WATERPROOFING APPLIED IN NECK, PER DRAWING 12990882 : CASEMOUTH SEALANT, WATERBASE.

4- THE LISTED NOMINAL CHARGE WEIGHT MAY BE VARIED TO COMPLY WITH BALLISTIC REQUIREMENTS.

5- THINNER: DOPE AND LACQUER (CELLULOSE NITRATE), A-A-857, USED WITH NOTE 2.

6- PRIMER SEATING DEPTH MAY AFFECT PRIMER SENSITIVITY. (ADVISORY)

7- THE LOCATION OF THE .300 DIAMETER DATUM ON THE BULLET TO THE CARTRIDGE CASE HEAD SHALL NOT VARY BY MORE THAT .022 INCHES FOR EACH CARTRIDGE LOT.

CURRENT DESIGN ACTIVITY CAGE CODE 19200
U.S. ARMY
ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
PICATINNY ARSENAL, NEW JERSEY 07806-5000

DOD HAZARD CLASSIFICATION 1.4
DOD STORAGE COMPATIBILITY GROUP S
DOT HAZARD CLASSIFICATION C
DOT CONTAINER MARKING "SMALL ARMS AMMUNITION"

PART No. 8597555

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APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

MIN. MECHANICAL PROPERTIES	
YS	
TS	
EL 2	
RA	
BH	
RH	

	CRTG M118
12977188	W/M2A1
SEE ENGINEERING RECORDS	
NEXT ASSY	USED ON
APPLICATION	
DO NOT APPLY PART NO. DO	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ±
DECIMALS ± ANGLES ±
MATERIAL
HEAT TREAT
PROTECTIVE FINISH

ORIGINAL DATE MAY 27, 1960
DRAFT GMcC CHK R.P.W.
TRACER CHK
ENGR RPW ENGR
SUBMITTED Randall Watson
APPROVED J Chiarino

U. S. ARMY
FRANKFORD ARSENAL
PHILADELPHIA, PA. 19137

CARTRIDGE, 7.62MM, NATO, SPECIAL BALL, M118: LONG RANGE

SIZE	FSCM NO.	DRAWING NO.
C	19200	8597555

SCALE: 3/1 UNIT WT. 390GR APPROX SHEET 1 OF 1

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