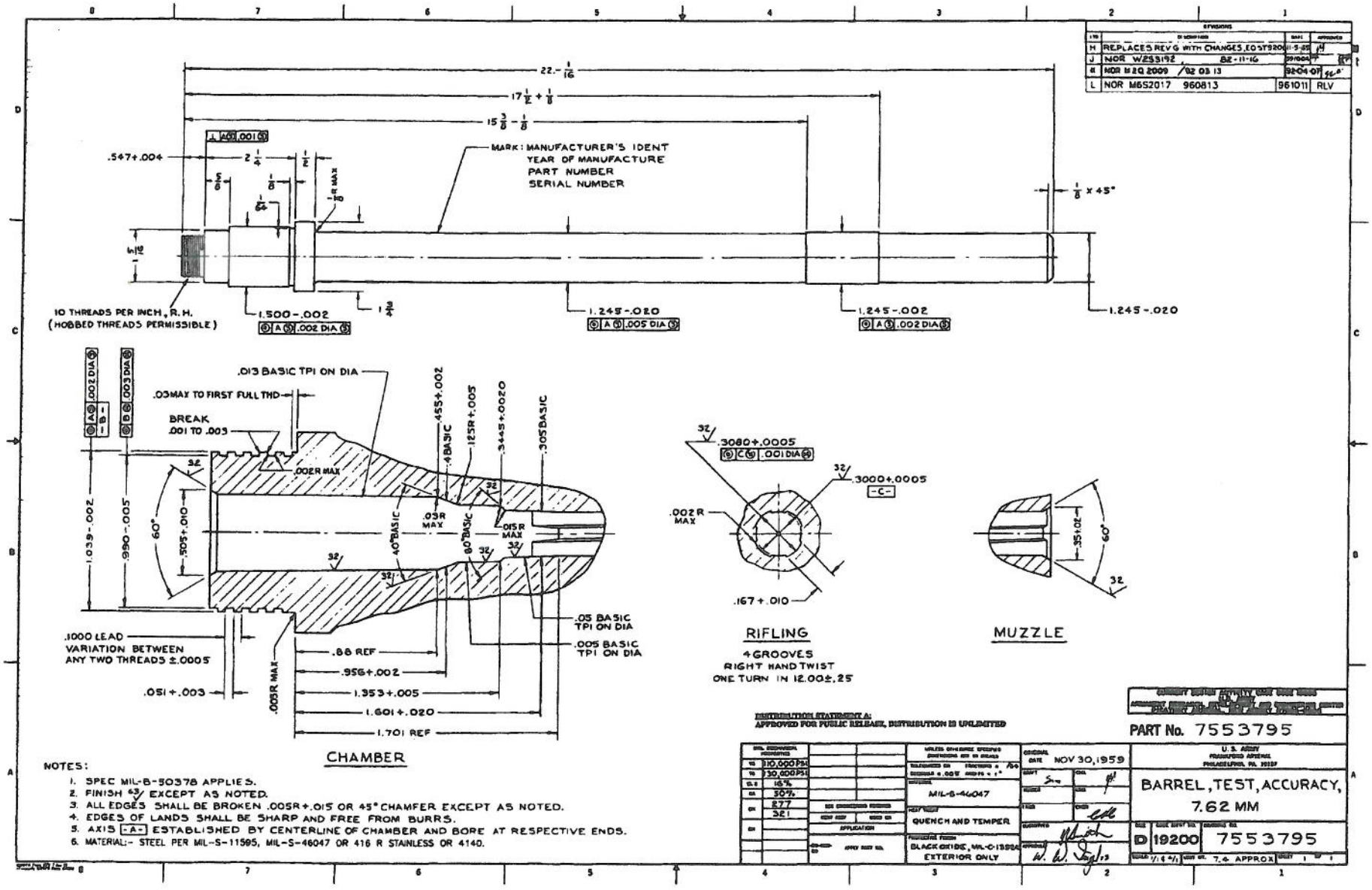

REVISIONS
H REPLACES REV G WITH CHANGES, EO ST9200 11-5-85
J NOR W253192 82-11-16
K NOR M2Q 2009 /92 03 13 92-04-07
L NOR M6S2017 960813 961011 RLV
22.- 1/16
17 1/2 + 1/8
15 3/8 - 1/8
.547+.004
2 1/4
1/2
5/8
1/8
1/64
1/8 R MAX
MARK: MANUFACTURER'S IDENT
YEAR OF MANUFACTURE
PART NUMBER
SERIAL NUMBER
1/8 x 45°
10 THREADS PER INCH, R.H.
(HOBBED THREADS PERMISSIBLE)
1.500-.002
1 3/4
1.245-.020
1.245-.002
1.245-.020
.002 DIA
.005 DIA
.002 DIA
.003 DIA
.013 BASIC TPI ON DIA
.03MAX TO FIRST FULL THD
BREAK
.001 TO .003
.002R MAX
.455+.002
.4BASIC
.125R+.005
.3445+.0020
.305BASIC
1.039-.002
.990-.005
60°
.505+.010
40°BASIC
.03R MAX
80°BASIC
.015R MAX
.05 BASIC TPI ON DIA
.005 BASIC TPI ON DIA
.1000 LEAD
VARIATION BETWEEN
ANY TWO THREADS ±.0005
.051+.003
.005R MAX
.88 REF
.956+.002
1.353+.005
1.601+.020
1.701 REF
CHAMBER
.3080+.0005
.001 DIA
.3000+.0005
-C-
.002R MAX
.167+.010
RIFLING
4 GROOVES
RIGHT HAND TWIST
ONE TURN IN 12.00±.25
.35+.02
60°
MUZZLE
NOTES:
1. SPEC MIL-B-50378 APPLIES.
2. FINISH 63 EXCEPT AS NOTED.
3. ALL EDGES SHALL BE BROKEN .005R+.015 OR 45° CHAMFER EXCEPT AS NOTED.
4. EDGES OF LANDS SHALL BE SHARP AND FREE FROM BURRS.
5. AXIS -A- ESTABLISHED BY CENTERLINE OF CHAMBER AND BORE AT RESPECTIVE ENDS.
6. MATERIAL:- STEEL PER MIL-S-11595, MIL-S-46047 OR 416 R STAINLESS OR 4140.
DISTRIBUTION STATEMENT A:
APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED
PART No. 7553795
110,000 PSI
130,000 PSI
16%
50%
277
321
MIL-S-46047
QUENCH AND TEMPER
BLACK OXIDE, MIL-C-13924
EXTERIOR ONLY
NOV 30, 1959
U. S. ARMY
FRANKFORD ARSENAL
PHILADELPHIA, PA. 19137
BARREL, TEST, ACCURACY,
7.62 MM
D 19200 7553795
7.4 APPROX