



Remington Arms Company, Inc.
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PRODUCT DATA SHEET

223 Remington/55-gr Metal Case (FMJ) UMC

Index L223R3
 RAMAC 23711
 Date prepared/revised 22-May-07

COMPONENT & MANUFACTURING INFORMATION

CALIBER 223 Remington
 SHELL Brass (Copper alloy 260; cartridge brass)
 BULLET WEIGHT 55-grain
 BULLET CONSTRUCTION..... Copper jacketed, lead core, non-expanding metal case (FMJ) design
 PRIMER Remington #198T (#2½); lead-styphnate-based priming mix. Tested operating range -20°F to +150°F (-29°C to +66°C)
 PRIMER SEALANT None
 CASEMOUTH SEALANT None
 PRIMER STAKE/CRIMP None
 HEADSTAMP Loaded cartridges are headstamped with the following information: "R-P" and "223 REM"
 PRIMER MARKING..... None
 PROPELLANT DETECTION 100% mechanical, electrical, or electro-mechanical detection of propellant level within the cartridge.
 LOT IDENTIFICATION Each box of ammunition is identified with a unique code which allows traceability to shift/day/month/year of packaging and/or loading and all in-process assembly and test results.
 FINAL INSPECTION..... 100% visual and/or vision system inspection of finished cartridges prior to final packaging.
 PACKAGING..... Box quantity 20 cartridges
 Case quantity.....200 cartridges

BALLISTIC & PERFORMANCE INFORMATION

AVERAGE INSTRUMENTAL VELOCITY 3,215 ± 35 fps (measured at 15', over 20') for a 10-round test when fired from a SAAMI-compliant test barrel (24").
 AVERAGE PRESSURE..... 55,000 psi maximum for a 10-round test measured at the time of manufacture with a conformal piezoelectric transducer in a SAAMI-compliant test barrel.
 AVERAGE MUZZLE ENERGY..... 1,282 ft-lb_f (3,240 fps muzzle, 24" test barrel)
 ACCURACY..... Maximum extreme spread of three 5-round groups of 4.0" at 200 yards fired from a SAAMI-compliant accuracy test barrel (1:12 twist) mounted in a Universal Receiver.
 BULLET PULL..... Minimum average (10-round test)52 lb_f
 Minimum individual 39 lb_f