



## Product Specification Sheet Centerfire Rifle

**LOAD NUMBER:** XM193



**CALIBER:** 5.56 mm, manufactured at the Lake City Army Ammunition Plant (LCAAP)

**CASE:** Brass (Copper Alloy No. 260)

**BULLET:** 55 gr. FMJ Boat-Tail

**PRIMER:** M41

Operating Range: (-40 degrees to +125 degrees F)

**PRIMER SEALANT:** Water resistant lacquer

**CASE MOUTH SEALANT:** Yes

**Federal Cartridge Company**  
900 Ehlen Drive  
Anoka, MN 55303  
(800)322-2342, ext. 3822 or 2370

**CASE KNURL:** No

**HEADSTAMP:** Each loaded cartridge shall be headstamped with the manufacturer's symbol and year of manufacture

**ACCURACY:** 3-10round groups not to exceed 2.00" mean radius maximum average at 200 yards

**INSTRUMENTAL VELOCITY:**  
3165 +/- 40 FPS (78 feet from muzzle)  
using a 5.56 test barrel, 20" long

**ENERGY:** 1223 Ft-Lbs. at 78'

**CHAMBER PRESSURE:** Piezotronic maximum average per 10 rounds - 55000 PSI in 5.56 test barrel (case mouth location)

**BULLET PULL:** Minimum individual 35 lbs.

**PROPELLANT DETECTION:** 100% mechanical and/or electrical detection of propellant levels within the cartridge

**VISUAL INSPECTION:** 100% visual inspection of finished cartridges prior to packaging

**WARNING:** For use in standard 5.56 mm chambers. Do not use in non-standard 5.56 chambers.

**PACKAGING:** 20 Rounds per carton.  
25 cartons per 500 round case.

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