

6MM-06 REMINGTON ACKLEY IMPROVED**Test Specifications:**

Action Used: Remington 700

Barrel Length: 30"

Twist: 1 x 7"

Components:

Case: Federal

Trim-to Length: 2.515"

Primer: WLR

Remarks:

Like the rest of the Ackley Improved family of cartridges, the 6mm is formed by simply resizing a factory round in the Improved chamber. This increases powder capacity in subsequent reloadings, which, in turn, creates the

opportunity for better velocity and higher down range energy figures compared to the parent cartridge. In comparing a few such conversions, you will find that some deliver a surprisingly good return while others don't do quite as well. In yet others, they are little more than a waste of time. This has however changed somewhat with some of the new burn rates of powders that have come along. The factors that determine just how much "improvement" there is to an Improved case revolve around body taper and shoulder angle. By this criteria, the 6mm-06 Remington qualifies as a fair improvement.

The 30-06 case has been a favorite target for wildcatters, in large part because of the huge quantities of surplus G.I. brass available. It should come as no surprise that the first examples of the 7mm-06 Improved were in circulation before Remington ever standardized the 280 chambering. Prior to the introduction of the 7mm Rem. Magnum, this Improved case—in either guise, 7mm-06 or 280 Remington—did offer an improvement in ballistics that wasn't well filled by any existing factory cartridge.

With a capacity increase of about five percent, the 280 Improved fills the performance gap between the 280 Remington (a very good cartridge in its own right) and the 7mm Remington Magnum. Whether this is enough to justify its existence is up to the individual shooter.

