

# How We Tested

We used four brands of ammunition in this test: Federal Premium with a 150-grain Trophy Bonded Bear Claw bullet, a Hornady Custom load with a 150-grain Interlock bullet, Remington 190-grain Extended Range with a boattail bullet, and a Winchester 220-grain Silvertip load.

All testing was conducted from a benchrest using an Uncle Bud's bench bag. The rear of the gun was supported by a Bench Wizard bag from Ultra Light Arms. This features two 5-pound sandbags connected by a webbing that fits around the rear of the gun to effectively add the weight of the bags to the gun. Another 10-pound sandbag was placed against the rear of this bag. We placed an athletic elbow pad between the gun and shoulder. This effectively controls recoil, allowing a long testing session with these hard-recoiling rifles. Velocities were measured 10 feet from the muzzle using an Oehler 35P chronograph. Temperature during the test was 55 degrees with rain falling the entire time. There was very little wind. All groups are at 100 yards and are measured center to center of the widest holes to the nearest  $\frac{1}{10}$  inch.

Before starting the test each rifle was cleaned using Shooters Choice Firearms Bore Cleaner on a patch, followed with a clean patch. Then a bronze brush saturated with Shooters Choice Firearms Bore Cleaner was passed through the bore several times. This was followed by several clean patches and then with a couple of patches soaked with Birchwood Casey Gun Scrubber. Then the gun was cleaned with the Outers Foul Out Electronic bore cleaner and again given the patch and solvent treatment, this time using Shooters Choice Copper Remover. This was repeated until each bore was completely clean of any fouling as indicated by clean patches with no black marks from powder fouling or green stains from copper fouling. The rifles were not cleaned again until the test was completed.

After firing a couple of fouling shots to ensure that the actions were well seated in the stocks, testing began. Each rifle was used to fire three three-shot groups with each of the ammo selections. The groups were fired in rapid succession with all nine shots for each selection fired before the rifle was allowed to cool. The rifles were rotated with each ammo selection so that they could cool before starting with the next type ammo. This not only allowed evaluation of the accuracy of the rifle with this load, but also by firing nine shots in a short time span allowed us to see the rifles reaction to heat generated by the shooting.