

RANGE DATA

	Remington	Windham Weaponry	Ruger	Rock River
TulAmmo 223 Rem. TA223550	R-15 VPR	VEX-SS	SR-556VT	Varmint A-4
55-gr. Full Metal Jacket				
Average Velocity	2967 fps	3177 fps	2980 fps	3158 fps
Muzzle Energy	1075 ft.-lbs.	1232 ft.-lbs.	1084 ft.-lbs.	1218 ft.-lbs.
Average Group Size	3.3 in.	3.2 in.	2.8 in.	2.2 in.
Federal 223 Rem.	Remington	Windham Weaponry	Ruger	Rock River
62-gr. FMJ AE223N	R-15 VPR	VEX-SS	SR-556VT	Varmint A-4
Average Velocity	2803 fps	2999 fps	2846 fps	3007 fps
Muzzle Energy	959 ft.-lbs.	1098 ft.-lbs.	989 ft.-lbs.	1104 ft.-lbs.
Average Group Size	2.7 in.	3.7 in.	3.1 in.	2.4 in.
Black Hills 223 Rem.	Remington	Windham Weaponry	Ruger	Rock River
77-gr. Sierra MatchKing HP	R-15 VPR	VEX-SS	SR-556VT	Varmint A-4
Average Velocity	2626 fps	2778 fps	2699 fps	2820 fps
Muzzle Energy	842 ft.-lbs.	942 ft.-lbs.	889 ft.-lbs.	971 ft.-lbs.
Average Group Size	1.2 in.	1.4 in.	1.7 in.	1.1 in.

To collect accuracy data, we fired five 5-shot groups from the 100-yard bench at a private range in Houston. The rifles were supported by a Caldwell Fire Control Front Shooting Rest (MidwayUSA, \$270, Product #956104) and sand bags. We used a Bushnell 4-16x50mm Elite 4200 Series Riflescope with Multi-X Reticle & Adjustable Objective #424165M on all four. Each time we shot confirmation groups before beginning an accuracy string. Targets: Redhead 12-inch Sight-In Target #135-997 with 6-inch black center diamond and four 3-inch-diameter black diamonds, available from BassPro.com. We recorded velocities using a CED M2 Chronograph with Infrared Screen Set (\$290, Brownells #399-000-012WB and #399-100-002WB) with the first screen set 10 feet from the muzzle. Temperatures ranged between 68 and 80 degrees, with variable sunlight and winds.

Ammo sources: TulAmmo 223 Rem. TA223550 55-gr. Full Metal Jacket \$4.49/20 (CTD #AMM-2900); Federal American Eagle 223 Rem. 62-gr. FMJ AE223N \$9.62/20 (CTD #67709); and Black Hills Ammunition 223 Rem. 77-grain Sierra MatchKing Hollow Point Moly Coated M223N9M \$52.17/50 (MidwayUSA #512990).

Right: The Black Hills 77-grain match was clearly the most accurate ammo in the test, producing groups of 1.1 inches in the RRA Varmint, 1.2 inches in the R-15, 1.4 inches in the Windham, and 1.7 inches in the Ruger.



Above: Using the Bushnell 4-16x50mm Elite 4200 Riflescope, it was easy to see bullet impacts on the Redhead Sight-In Target.

