



SPORT & RECREATIONAL OPTICS

Sweet .350 Legend AO Riflescope Instructions



*Image is representative and may not actually reflect the actual product.

The Sweet .350 Legend AO was designed using similar technology applied in the sniper trajectory compensation scopes. The 3 elevation drums included, have increments that are precisely calculated to compensate for the elliptic drop of the most popular .350 Legend bullets. First, select and install the proper drum for the bullet grain weight (150, 170, 180), then zero the scope at 100 yds. Once the scope is zeroed, loosen the 3 elevation drum screws and rotate the drum until the 100 yds marking matches the zero marking (vertical line under the drum). Once this is done, the screws must be retightened (do not overtighten).

Note: Temperature, altitude, velocity and bullet shape can have an effect on the final results.

Caliber	Weight	Bullet Type	B.C
.350	150 gr	Polymer Tip	.223
.350	170 gr	InterLock	.215
.350	180 gr	Jacketed Soft Point	.245

Caliber	Weight	Velocity (FPS)						
		Muzzle	50 yds	100 yds	150 yds	175 yds	200 yds	250 yds
.350	150 gr	2325	2124	1968	1803	1724	1648	1505
.350	170 gr	2200	2016	1842	1679	1602	1528	1391
.350	180 gr	2100	1943	1793	1652	1586	1459	1401

Caliber	Weight	Energy (FT.LBS.)					
		50 yds	100 yds	150 yds	175 yds	200 yds	250 yds
.350	150 gr	1528	1290	1083	990	905	754
.350	170 gr	1535	1282	1065	969	882	731
.350	180 gr	1508	1285	1092	1005	852	784

Caliber	Weight	Trajectory in Inches					
		50 yds	100 yds	150 yds	175 yds	200 yds	250 yds
.350	150 gr	-.21	0	-2.45	-4.65	-7.58	-15.93
.350	170 gr	-.33	0	-2.88	-5.45	-8.86	-18.58
.350	180 gr	-.41	0	-3.11	-5.83	-9.41	-19.48