



SPORT & RECREATIONAL OPTICS

Sweet 17 AO Riflescope Instructions



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

The Sweet 17 AO was designed using similar technology applied in the sniper trajectory compensation scopes. The elevation turret has increments that are precisely calculated to compensate for the elliptic drop of the .17 gr cartridge. Once the scope is zeroed at 100 yds, 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.
.17HMR	17 gr	Polymer Tipped	.125
.17HMR	17 gr	Jacketed HP	.110

Bullet Type	Weight	Velocity (FPS)				
		Muzzle	50 yds	100 yds	150 yds	200 yds
Polymer Tipped	17 gr	2530	2193	1885	1606	1366
Jacketed HP	17 gr	2530	2149	1805	1503	1256

Bullet Type	Weight	Energy (FT.LBS.)				
		Muzzle	50 yds	100 yds	150 yds	200 yds
Polymer Tipped	17 gr	242	182	134	97	70
Jacketed HP	17 gr	242	174	123	85	60

Bullet Type	Weight	Trajectory (in.)					
		50 yds	100 yds	125 yds	150 yds	200 yds	250 yds
Polymer Tipped	17 gr	0	-.33	-1.37	3.13	-9.33	-20.21
Jacketed HP	17 gr	0	-.42	-1.57	3.53	-10.53	-23.07