

# Sweet .243 RIFLESCOPE INSTRUCTIONS



The Sweet 243 was designed using a 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 most .243 caliber bullets. First, select and install the proper drum for the bullet grain weight (85,95 or 100), then zero the scope at 100 yards. Once the scope is zeroed, loosen the 3 elevation drum screws and rotate the drum until the 100 yards marking matches the zero marking (vertical line under drum). Once this is done, the screws must be retightened (do not overtighten).

You can compensate the trajectory of the bullet to any given distance between 100 and 400 yards by turning the elevation drum to the desired distance.

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

## BALLISTICS TABLE FOR .243 CALIBER BULLETS

Caliber	Weight	Bullet Style
.243	85	Boat Tail Hollow Point
.243	95	Nosler Ballistic Tip
.243	100	Boat Tail Soft Point

Caliber	Weight	Velocity (fps)					Energy			
		Muzzle	100yds	200yds	300yds	400yds	100yds	200yds	300yds	400yds
.243	85	3320	3013	2839	2617	2407	1714	1521	1293	1093
.243	95	3025	2794	2574	2366	2168	1646	1398	1183	991
.243	100	2960	2732	2516	2310	2115	1657	1405	1185	993

Caliber	Weight	Trajectory in inches			
		100	200	300	400
.243	85	0	-2.2	-8.7	-20.3
.243	95	0	-3.0	-11.2	-25.7
.243	100	0	-3.2	-11.9	-27.1