

VIRTUAL RANGE TARGETING™

DOPE

Long-Distance Training Solution™

MIL
 MOA

SAMPLE DATA - You will develop your own data (D.O.P.E.) based on RIFLE & AMMO
(See FACTORY AMMO examples below)

All yardages are based on the following ballistic data:

6.5 Creedmoor 140gr BC = G7 0.261 MV = 2800 FPS

ZERO	YARDS	MIL ELEVATION			
P0	100	0.0			
P1	311	1.0			
P2	438	2.0			
P3	548	3.0			
P4	646	4.0			
P5	733	5.0			
P6	813	6.0			
P7	887	7.0			
SCALING	YARDS	10" TARGET IN MIL	YARDS to Target = SIZE (10) X 27.77 / TARGET in MIL		
S1	200	1.40	This section represents a 10" x 10" steel plate as seen at the different yardages shown for each target. S4 EXAMPLE: A 10" target at 500 yards will measure 0.55 MILs in your reticle.		
S2	300	0.95			
S3	400	0.70			
S4	500	0.55			
S5	600	0.45			
S6	700	0.40			
S7	800	0.35			
S8	900	0.31			
S9	1000	0.28			
ELEVATION	YARDS	MIL ELEVATION			
R0	100	0.0			
R1	311	1.00			
R2	461	2.20			
R3	598	3.50			
R4	725	4.90			
R5	813	6.00			
R6	895	7.10			
ELEV & WIND	YARDS	MIL ELEVATION	MIL WIND		
B0	100	0.00	0.00		
B1	320	1.10	0.3 R		
B2	445	2.10	0.6 L		
B3	575	3.30	0.4 R		
B4	650	4.10	0.9 L		
B5	760	5.30	0.3 L		
B6	855	6.60	0.5 R		
B7	885	7.00	0.9 L		

FACTORY AMMO SAMPLE DATA	
This data is not compatible with this target system	
Hornady BLACK 6.5CM MV 2690, BC = G7 0.283	Berger Match 6.5CM MV 2850, BC = G7 0.311
0.00	0.00
1.23	1.02
2.53	2.10
3.93	3.29
5.41	4.52
6.55	5.45
7.72	6.39
Hornady BLACK 6.5CM MV 2690, BC = G7 0.283	Berger Match 6.5CM MV 2850, BC = G7 0.311
0.00	0.00
1.30	1.08
2.38	2.00
3.68	3.09
4.51	3.78
5.85	4.88
7.14	5.92
7.57	6.27

SCOPE ADJUSTMENTS

Dial Elevation turret to MIL DROP
Dial Windage turret to MIL WIND
Aim at Point Of Aim (P.O.A.) bull, hit Point Of Impact (P.O.I.) TARGET

FACTORY AMMO

Compare the BLUE cells to the corresponding ORANGE cells to see the difference in turret adjustments with different ammo. (NOTE: The big difference is the MUZZLE VELOCITY, which greatly affects the bullet drop over time.) Develop your own DOPE by using Factory Ammo data on packaging and a Ballistic Calculator.