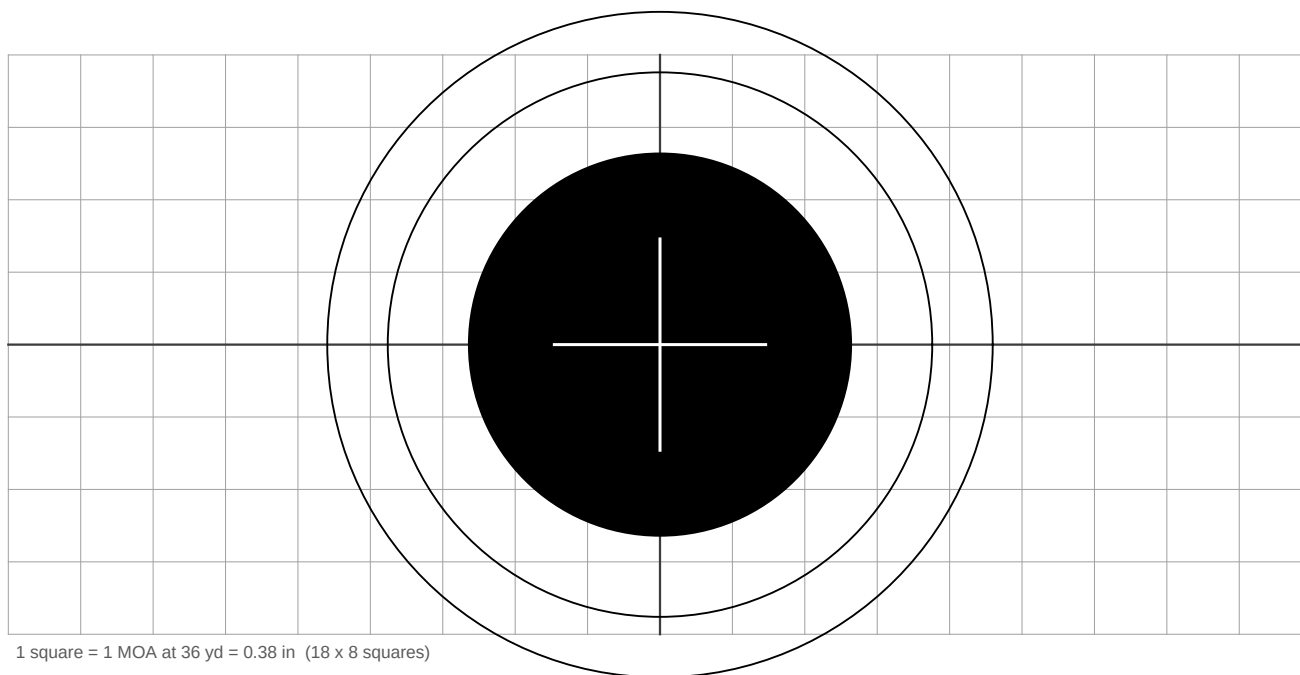


ZEROING TARGET - 5.56x45mm NATO - 36 YARD ZERO

Zero: 36 yd - M855 62 gr FMJ (green tip) and M193 55 gr FMJ - sight height 2.6 in



1 square = 1 MOA at 36 yd = 0.38 in (18 x 8 squares)

Black centre = 2 in

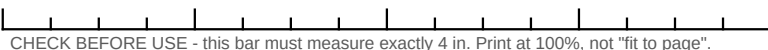
What a 36 yd zero confirms - computed, not assumed

Load	Barrel	Muzzle	Far zero	Max rise
M855	16 in carbine	2900 fps	274 yd	+4.2 in @ 159 yd
M855	20 in rifle	3020 fps	293 yd	+4.6 in @ 168 yd
M193	16 in carbine	3100 fps	288 yd	+4.6 in @ 166 yd
M193	20 in rifle	3240 fps	309 yd	+5.0 in @ 181 yd

Point of impact relative to point of aim - the correction is what to dial, so its sign is the opposite

Load	Distance	POI (in)	Sight corr. (MOA)	Velocity (fps)	Energy (ft-lb)
M855	25 yd	-0.7	+2.7	2822	1095
M855	36 yd	0.0	0.0	2785	1069
M855	100 yd	+3.2	-3.0	2592	926
M855	200 yd	+3.7	-1.8	2306	732
M855	300 yd	-2.3	+0.7	2037	571
M193	25 yd	-0.7	+2.8	2995	1095
M193	36 yd	0.0	0.0	2953	1064
M193	100 yd	+3.3	-3.1	2700	891
M193	200 yd	+4.3	-2.1	2336	667
M193	300 yd	-1.1	+0.3	2001	489

Negative POI = impact below point of aim. Far zero is where the bullet crosses the line of sight coming down; it moves with muzzle velocity and sight height, which is why both barrels are listed rather than one round number. BallisticEngine G1 model, 59 F, sea level, no wind.



CHECK BEFORE USE - this bar must measure exactly 4 in. Print at 100%, not "fit to page".



More free targets