



AR-Series Rifle Zero Sheet (meters)

Provided by gun-jutsu-training.com

Instructions

- Find sight/optic MOA adjustment per Click

Elevation: _____

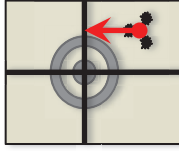
Windage: _____

- Note your Zero Distance: _____

- Fire 3 Rounds

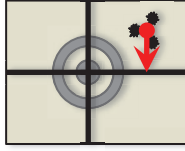
- Measure for Vertical Correction:

Find the center of your shot group and measure the vertical distance to the horizontal center line: _____



- Measure for Horizontal Correction:

Find the center of your shot group and measure the horizontal distance to the vertical center line: _____



- Look up your inch or centimeter value for your MOA/Click at the zero distance:

Elevation: _____

Windage: _____

- Adjust elevation sight settings:

of clicks of elevation = Step 4 ÷ Step 6E

- Adjust windage sight settings:

of clicks of windage = Step 4 ÷ Step 6W

- Repeat steps 3-8 until your shot group coincides with your Point of Aim

Step 1: Sight/Optic MOA adjustment per Click

The Minute of Angle data was taken from Websites and PDF Manuals.

	Factory			Rear Elevation
	Elevation	Windage	Windage	
M-16 a1 (19" Barrel)	1	1	1	
M-16 a2 (19" Barrel)	1.25	0.5	1	1
M-4 (14.5" Barrel)	1.875	0.75	1.5	1.5
Magpul Flip up sights use M16 and M4 factory sight data				
A.R.M.S. & GG&G				
19" barrel		0.48		
14.5" barrel		0.65		
Troy Folding Rear sight (windage only)				
M-16A4 (19" Barrel)		0.25		
M-4 (14.5" Barrel)		0.33		

Optics MOA Chart		
Manufacturer	Elevation & Windage	
Aimpoint comp m2		0.5
Barska AC (tactical models)		
10650/10648/10332/10330/10328/10326		0.5
11086/11088/11090		0.25
Bushnell Hologight		0.5
Eotech		0.5
Leopold mark 4 pr		0.25
Leopold mark 4 mr/t & cq/t		0.5
Trijicon acog 3.5 x 35		0.25
Trijicon acog 4 x 32		0.33
Trijicon acog 5.5 x 50		0.14
Trijicon acog reflex		0.86
Trijicon acog tri power		0.33

Step 6: Find your MOA per Click and follow it across to your Zero distance and measurement unit.

Fractional inch Conversions	Inches/Centimeters per click @ Distance					
	25 meters	50 meters	100 meters	200 meters		
1/16	0.0625					
1/8	0.125					
3/16	0.1875					
1/4	0.25					
5/16	0.3125					
3/8	0.375					
7/16	0.4375					
1/2	0.5					
9/16	0.5625					
5/8	0.625					
11/16	0.6875					
3/4	0.75					
13/16	0.8125					
7/8	0.875					
15/16	0.9375					

MOA / Click	25 meters		50 meters		100 meters		200 meters	
	inches	cm	inches	cm	inches	cm	inches	cm
0.14	0.04	0.10	0.08	0.20	0.16	0.41	0.32	0.81
0.25	0.07	0.18	0.14	0.36	0.29	0.73	0.57	1.46
0.33	0.10	0.24	0.19	0.48	0.38	0.96	0.76	1.92
0.48	0.14	0.35	0.27	0.70	0.55	1.40	1.10	2.79
0.5	0.15	0.37	0.29	0.73	0.57	1.45	1.15	2.91
0.65	0.19	0.47	0.37	0.94	0.74	1.89	1.49	3.78
0.75	0.22	0.55	0.43	1.09	0.86	2.18	1.72	4.37
0.86	0.25	0.63	0.49	1.25	0.98	2.50	1.97	5.01
1	0.29	0.73	0.57	1.45	1.14	2.91	2.29	5.82
1.25	0.36	0.91	0.71	1.81	1.43	3.64	2.86	7.28
1.5	0.44	1.10	0.86	2.18	1.71	4.36	3.44	8.73
1.875	0.54	1.37	1.07	2.72	2.14	5.45	4.29	10.91

If your MOA per Click is not listed in this table, The Formula (your MOA) X (1 MOA info at range) = Distance per Click @ Range