

SERVICE RIFLE ZERO BOOK

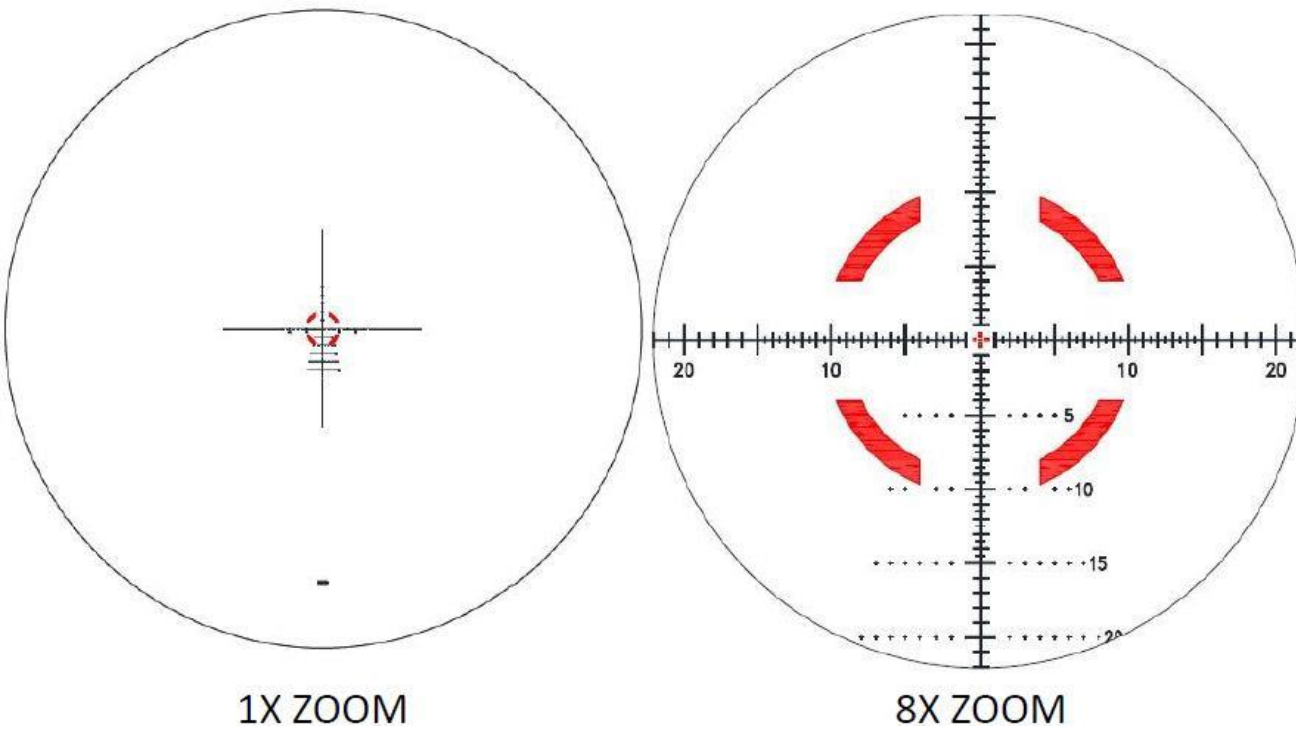


Shooter: _____ Range: _____ Target #: _____ Relay #: _____

Rifle Ser#: _____ Optic Ser#: _____

Date: _____ Range: _____

SCO Point of Aim & Wind Chart



0.1 MRAD per click = 3 clicks per inch of adjustment @100m

Zero optic while adjusted to 8x magnification with lowest visible illumination setting on the reticle

<u>Range/Yards</u>	<u>Mil Hold</u>	<u>Range/Meters</u>	<u>Mil Hold</u>
100	0	100	0
200	0.1	200	0.4
300	0.6	300	1.3
400	1.5	400	2.3
500	2.6	500	3.6

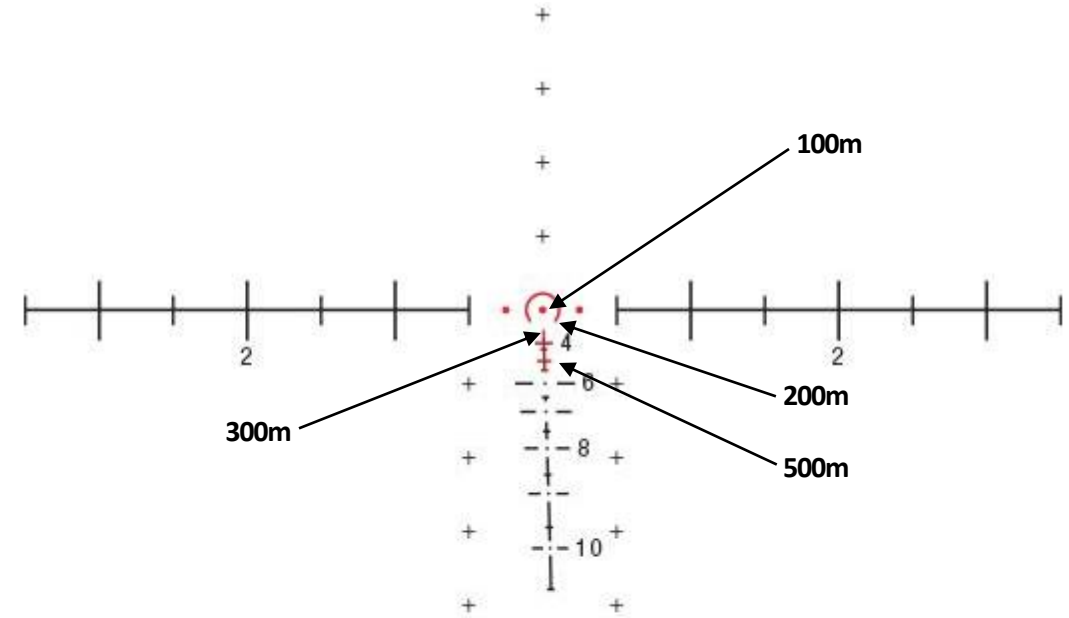
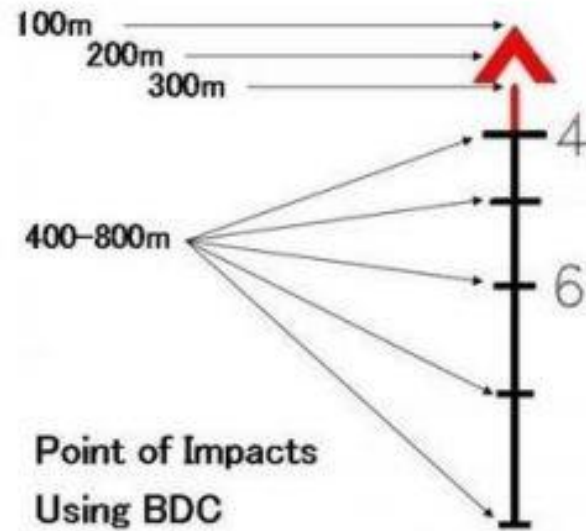
Mils inch size at Yards

600yds = 21.6"
 500yds = 18" (1 ½ft)
 400yds = 14.4"
 300yds = 10.8"
 200yds = 7.2"
 100yds = 3.6"

WIND HOLDS IN MILS

	<u>5 MPH</u>		<u>10 MPH</u>		<u>15 MPH</u>		<u>20 MPH</u>		<u>25 MPH</u>	
<u>YARDS/VALUE</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>
200	.1	.3	.3	.7	.4	1	.6	1.2	.7	1.5
300	.2	.5	.5	1	.8	1.5	1	2	1.2	2.5
500	.4	1	1	2	1.4	3	1.8	3.8	2.4	4.8

RCO / SDO Point of Aim & Wind Chart



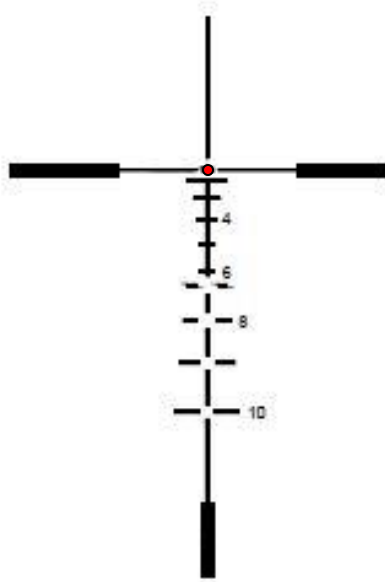
RCO / SDO with M855
1 CLICK=0.1 MIL

Clicks per Inch Adjustments

25yds – 9 clicks per inch
100yds – 3 clicks per inch
200yds – 2 clicks per inch
300yds – 1 click per inch

<u>WIND HOLDS IN INCHES</u>										
	<u>5 MPH</u>		<u>10 MPH</u>		<u>15 MPH</u>		<u>20 MPH</u>		<u>25 MPH</u>	
<u>YARDS/VALUE</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>
200	1"	2"	2"	5"	3"	7"	4"	9"	5"	11"
300	2"	5"	5"	11"	8"	16"	11"	22"	13"	27"
500	8"	17"	17"	35"	26"	52"	34"	69"	43"	87"

ELCAN Point of Aim & Wind Chart

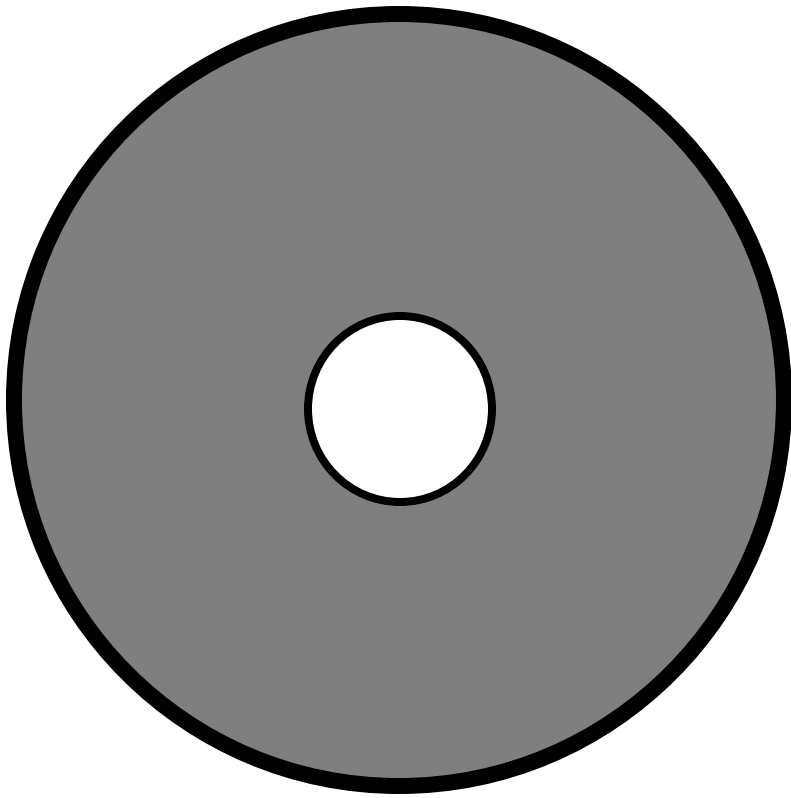


1/2 MOA (0.5" or 12.7mm) adjustment per click
= 2 clicks per inch of adjustment @100m

Zero optic while adjusted to 4x magnification with
lowest visible illumination setting on the reticle

Range to Target		Conversion Factor	
Meters	Feet	POI movement in mm/click of adjustment	POI movement in in/click of adjustment
10	32.8	1.58	0.06
25	82	4	0.10
50	164	7	0.30
100	328	15	0.60
200	656	29	1.10
300	984	44	1.70
400	1312	58	2.30
500	1640	73	2.90
600	1968	87	3.40

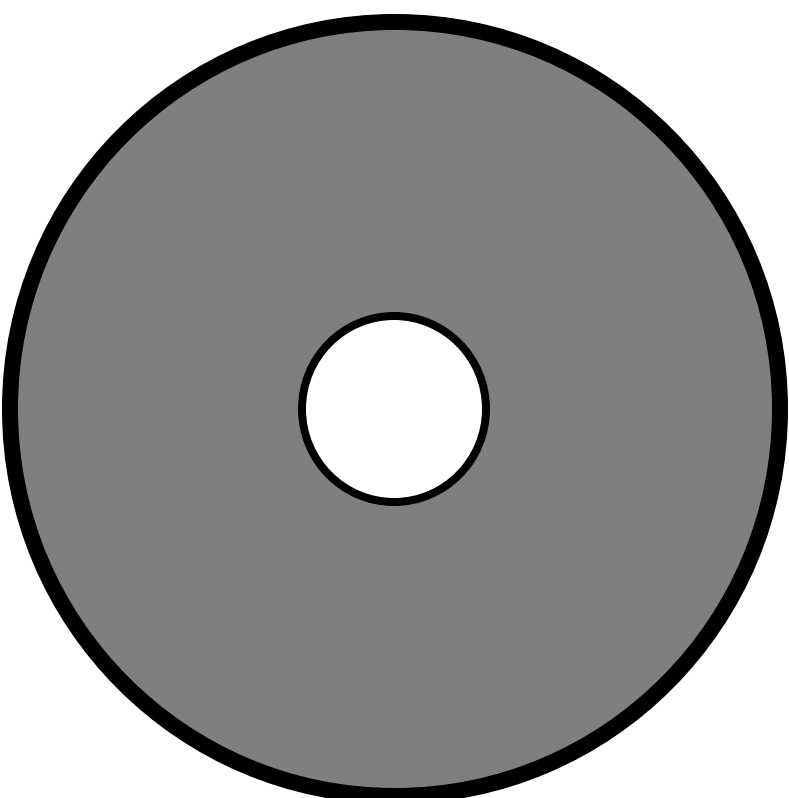
WIND HOLDS IN INCHES										
	5 MPH		10 MPH		15 MPH		20 MPH		25 MPH	
<u>YARDS/VALUE</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>	<u>HALF</u>	<u>FULL</u>
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1st String

Windage: _____

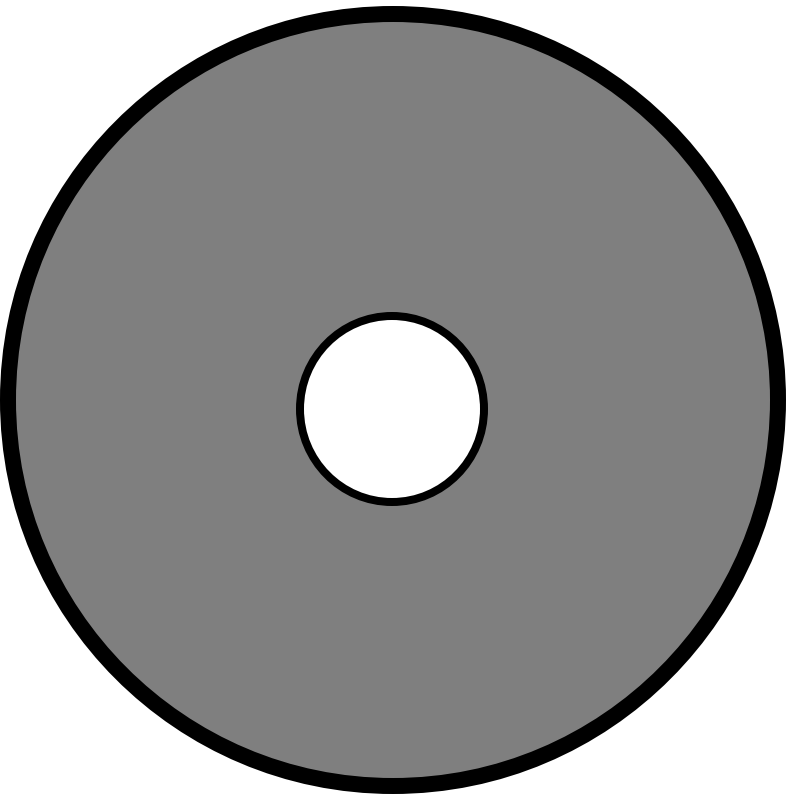
Elevation: _____



2nd String

Windage: _____

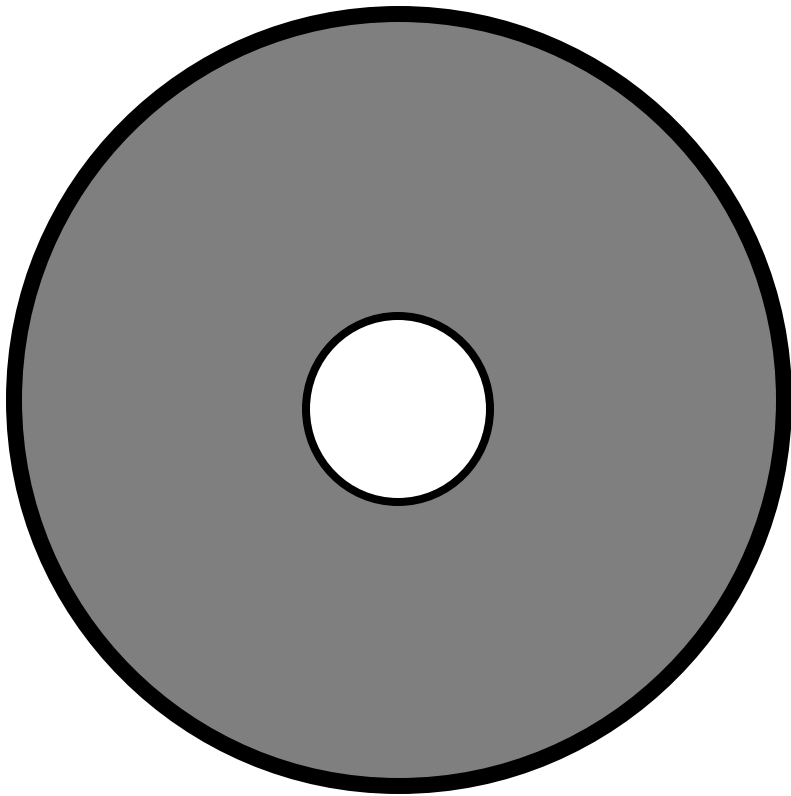
Elevation: _____



3rd String

Windage: _____

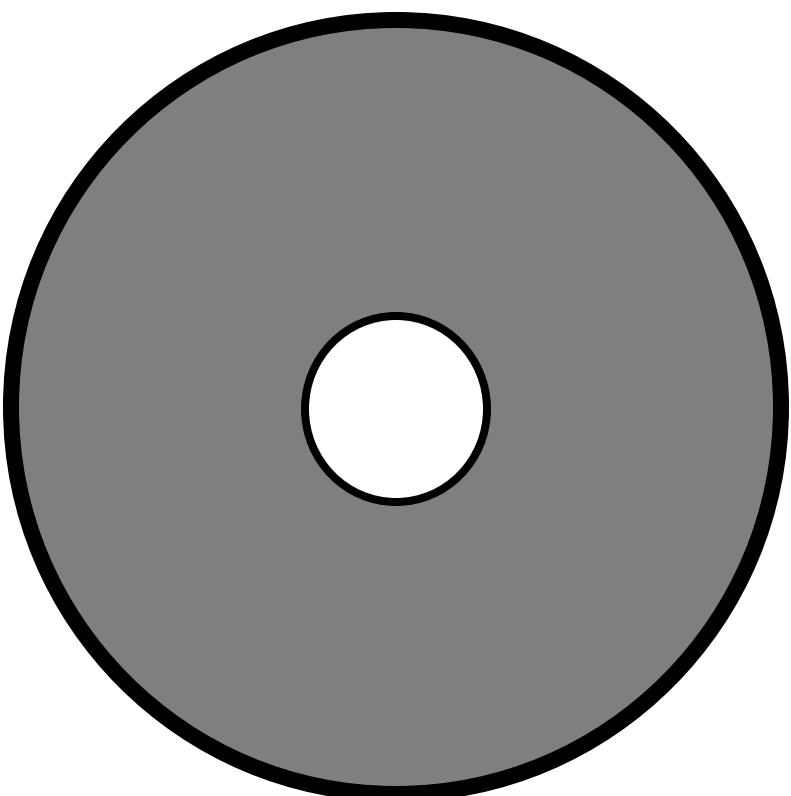
Elevation: _____



4th String

Windage: _____

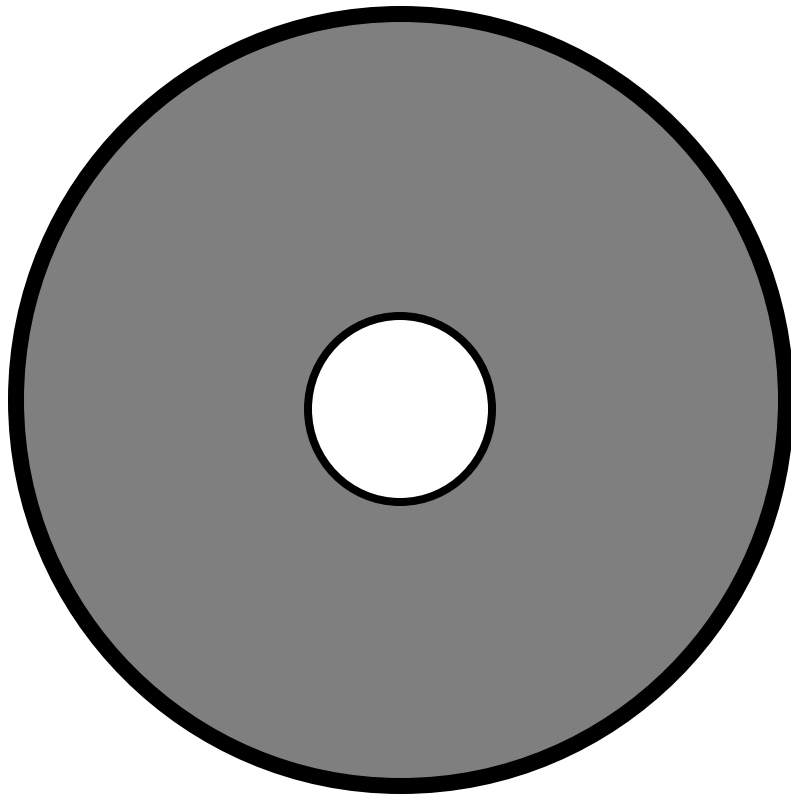
Elevation: _____



5th String

Windage: _____

Elevation: _____



6th String

Windage: _____

Elevation: _____

Final Adjustments

Windage: _____ Elevation: _____

PZP

COLLIMATOR SETTING

ALPHA	NUMERIC

