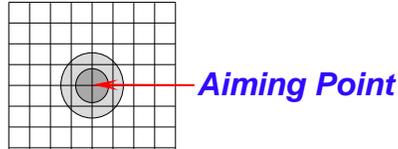




## TURRET TEST INSTRUCTIONS

1. Your aiming point **will always** be the center of the inner (Darker) circle near the bottom of the target.

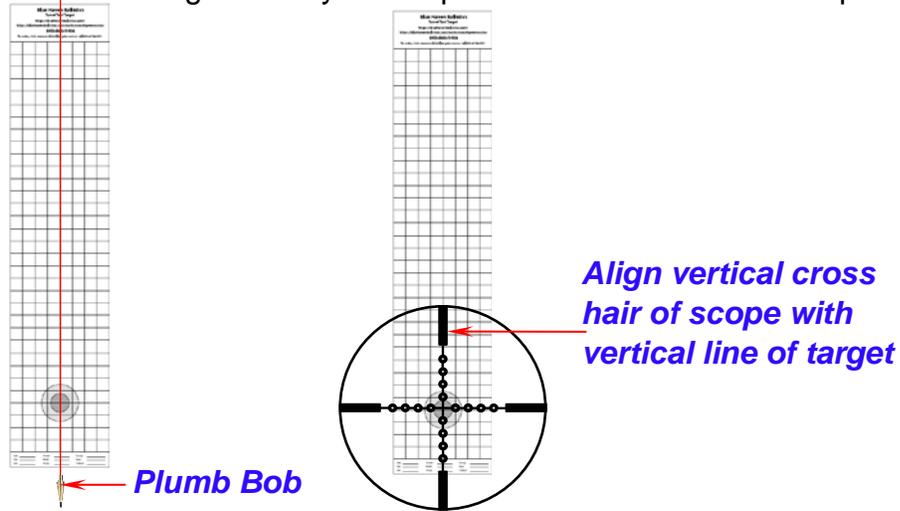


2. Conduct this test with your rifle zeroed at 100 yards and your scope turrets indexed at 0,0 at the zero range (100 yards).



To “index” your turrets to 0,0: Loosen the set screws on the elevation and windage turrets and rotate the dial to 0. Tighten the set screws per your scope manufacturer’s instructions.

3. Place the target on a long target backer and use a plumb bob or level to plumb the vertical centerline of the target. Hold your scope vertical cross hair on the plumbed line of the target.



4. Shoot a three-shot group to verify zero.
5. Dial the elevation turret up 10 MoA or 3 Mils, depending on your scope turret gradation. Shoot a three-shot group, remembering your point of aim should be the SAME center of the inner (darker) circle near the bottom of the target.
6. Dial the elevation turret up another 10 MoA or 3 Mils, depending on your scope turret gradation. Your total dial up should be 20 MoA or 6 Mils. Shoot a three-shot group at the SAME center of the inner (darker) circle near the bottom of the target.
7. Dial the elevation turret up another 10 MoA or 3 Mils, depending on your scope turret gradation. Your total dial up should be 30 MoA or 9 Mils. Shoot a three-shot group at the SAME center of the inner (darker) circle near the bottom of the target.

8. Dial your scope elevation turret back all the way to 0 and shoot a final 3 shot group at the SAME center of the inner (darker) circle near the bottom of the target
9.
  - a) Your first three shot group and final three shot group should be at the same elevation on the target, which should be at or near the center of the inner (darker) circle near the bottom of the target.
  - b) Your three-shot group fired at 10 MoA or 3 Mils should be 10.5" (if MoA turret) or 10.8" (if MIL turret) higher than the first group.
  - c) Your three-shot group fired at 20 MoA or 6 Mils should be 21" (if MoA turret) or 21.6" (if Mil turret) higher than the first group.
  - d) Your three-shot group fired at 30 MoA or 9 Mils should be 31.5" (if MoA turret) or 32.4" (if Mil turret) higher than the first group.
10. If your scope is not dialing up at an even rate or is not dialing up at the proper elevation, send it back to the manufacturer for calibration or repair.
11. If your groups are straying off the vertical line of the turret test target, likely your scope is canted in the rings and must be corrected to be vertical. If your groups stray to the right, your scope is canted to the right in the rings. If your groups stray to the left, your scope is canted to the left in the rings. Have someone work with you while looking through the scope, hold your crosshair on the center of the circle on the target, but cant the top of the cross hair to the uppermost group. Have your assistant loosen the ring screws carefully while you hold the rifle still and rotate the scope until the vertical cross hair aligns with the vertical centerline of the turret test target. Then retighten the ring screws carefully so as not to move the scope.