INTRODUCTION TO YOUR SIGHTRON HHR GEN-2 Reticle

USING YOUR HHR GEN-2 RETICLE

Congratulations on the purchase of your Sightron riflescope with the Hunter Holdover Reticle Gen-2 (HHR Gen-2). The Hunter Holdover Reticle is designed to simplify shooting out to 500 yards or more. There are many hundreds of calibers and bullet options available today and many combinations are better suited to the design of the HHR Gen-2 than others. It is our goal to make using your new scope as simple as possible.

Using Your HHR Gen-2 Reticle

Using your new HHR Gen-2 reticle is easy, simply follow the steps below.

1. Pick your load from the Manufacturers load chart. Note: If your load is not listed you can pick the load that is closest by matching the Velocity and B.C. from the chart. Some changes in corrections will probably be needed.

2. Zero your rifle at 200 yards using the 200 zero centerline as shown on the reticle drawing. If you can't sight it in at 200 yards simply sight it in at 100 yards using the 200 yard centerline and make the required correction using the 100 yard correction in M.O.A. column for the bullet you are using. **NOTE:** AII 100 yards figures on the chart are above centerline or high and all 300, 400 and 500 yard figures are below centerline.

3. For precise bullet placement use the "ELEVATION CORRECTION VALUE column of the chart to determine the amount of correction needed for your particular load**.** **Note:** Numbers with a minus sign indicate bullet impact will be that amount above yardage drop line. Numbers without a minus sign indicate a drop that is greater than the yardage drop line on the reticle by the amount shown on the chart.

Using Your HHR-2 Reticle

There are many variables in ballistics which can lead to changes in the charts. In most cases the chart will work fine but in some instances such as a shorter than normal barrel length, wind, and high altitude shooting, additional corrections will be required. We highly recommend testing your gun in the conditions you will be shooting prior to hunting.

Picking the load that shoots best in your gun and matches the corresponding hold over points on the reticle will provide the most accurate method of hitting long range targets.

Example: After choosing the caliber next find the load that shows the least amount of correction needed for the 300, 400 and 500 yard aiming points. The "Correction in MOA Chart" will show the amount of up or down correction needed at the 300, 400 and 500 yards points and if your load is within 1.0 MOA correction up or down it should hit within 3 inches at 300 yards or 4 inches at 400 yards or 5 inches at 500 yards.

Note: 1 MOA is equal to 1.047" per 100 yards, 2.094" per 200 yards, 3.147" per 300 yards etc. etc. Note: For handloaders the HHR-2 reticle is based on a 2.6 MOA 300 yard, 5.6 MOA 400 yard and 9.2 MOA 500 yard aiming point.

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USING WINDAGE BARS ON YOUR HHR-2 Reticle

The windage bars on the HHR-2 reticle are based on a 10 MPH at 90 degrees at the distance listed on the reticle. The Ballistic chart shows the wind drift for each load and the correction table shows the deviation in MOA from end of the windage bar. Numbers with a minus sign indicate bullet impact will be that within the 10 MPH windage bar. Numbers without a minus sign indicates the windage correction will exceed the windage bar by that amount shown on the chart.

Drawing Number	Value @100 yards in MOA@10x
A.	15
B.	20
C.	1
D.	4
E.	2
F.	2
G.	2.6
H.	5.6
I.	9.2
J.	6
K.	9
L.	12
M.	5
N.	2