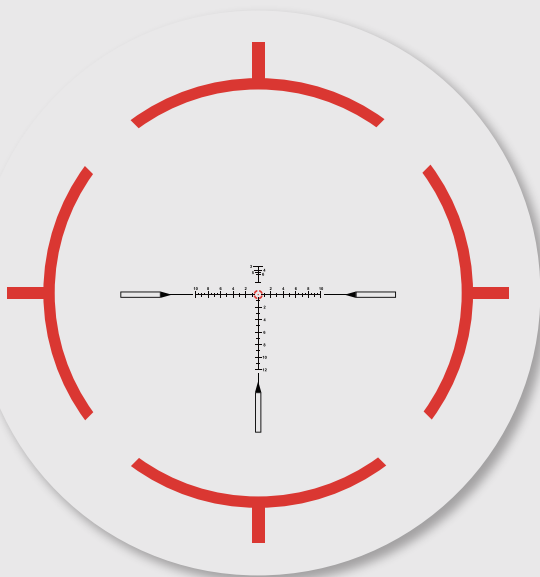
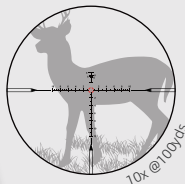
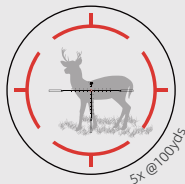
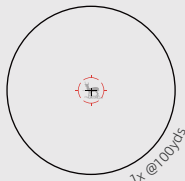


VET-RAR MIL FFP RETICLE

The VET-RAR reticle consists of two parts. **The upper part of the reticle is designed for USPSA targets(18"x30"/45cmx75cm).** By horizontally aligning the width of the target or vertically aligning the height of the target, an approximate distance can be obtained.

The bottom part of the reticle is a MIL hash reticle, providing further precision in your shooting. It features an illuminated center circle dot with Mil hash markings on the horizontal & vertical crosshairs. MIL hash reticle in FFP is commonly used in long-range shooting. It is particularly useful when shooting at targets that are at a distance of more than 100 yards. The reticle allows the shooter to estimate the range to the target and make adjustments to their aim accordingly. This makes it an ideal choice for hunters and military snipers.



Red indicated illuminated portion of the reticle

RAR(RAPID ACQUISITION RING) RETICLE

RAR = Rapid Acquisition Ring, it is the outer circle pattern around the inner MIL reticle. It has a diameter of 65MIL, with 4 space area on the circle, each is 10MIL long. The RAR reticle allows the shooter to quickly acquire a target by framing it within the circle. It also helps to center the reticle on the target, especially when the shooter is quickly moving from one target to the next. The RAR reticle assists in fast and accurate sight alignment, which is critical in shooting sports. **Starting from 6x magnification, The ring will disappear as it zooms in, there will be no obstruction of your eyesight.**

Exhibit 1

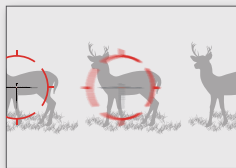
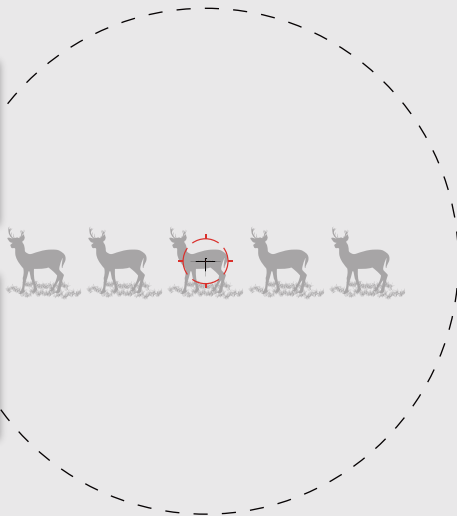
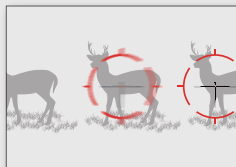
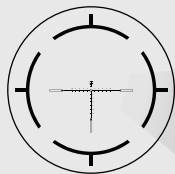


Exhibit 2



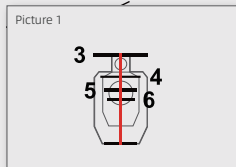
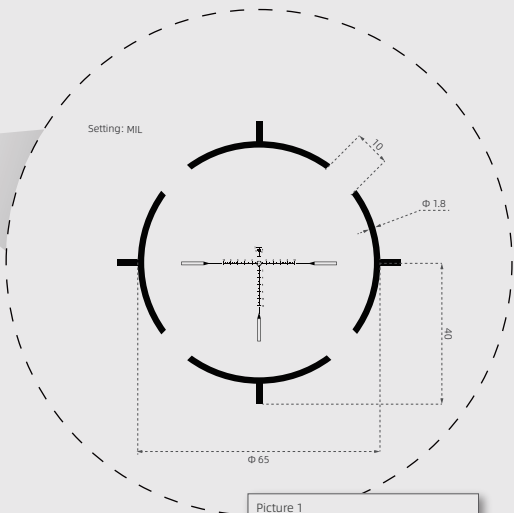
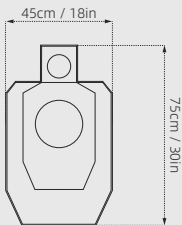
FAST RANGING



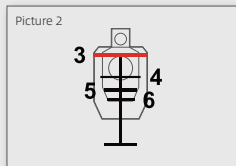
The upper part of the reticle is 45cm wide and 75cm high, designed for USPSA targets, it is used to help shooters estimate the range of their targets quickly. You can achieve fast ranging by horizontally aligning the width of the target or vertically aligning the height of the target.

If you vertically align the bottom of the USPSA target, and its highest point reaches mark 3 on the reticle, then the target is 300 meters away from you. (Picture 1)

If horizontally align the USPSA target's width, and its shoulder at the widest point reaches mark 3 on the reticle, then the target is 300 meters away from you. (Picture 2)



Red indicates the height of the target



Red indicates the shoulder width of the target

HOW TO MEASURE TARGET HEIGHT & LENGTH

To use the VET-RAR Reticle for ranging, the shooter first needs to know the height of the target in question. Once the height of the target is determined, the shooter can use the VET-RAR Reticle to measure the target in mils.

$$\text{Height of Target (yards) / mils} * 1000 = \text{Distance to Target (yards)}$$

If the height of target is in Inches, then the formula should be:

$$\text{Height of Target (inches) / mils} * 27.78 = \text{Distance to Target (yards)}$$

(1 inch \approx 0.0277778 yards)

This formula works equally well with meters, but don't mix meters and yards:

$$\text{Height of Target (meters) / mils} * 1000 = \text{Distance to Target (meters)}$$

If the distance of the target is determined, then the shooter can use the VET-RAR Reticle to measure the target length. You can use the following formula:

$$\text{Distance to Target (yards) / 1000} * \text{Mils} = \text{Length of Target (yards)}$$

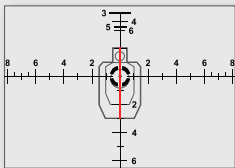
$$\text{Distance to Target (yards) / 27.78} * \text{Mils} = \text{Length of Target (inches)}$$

(1 inch \approx 0.0277778 yards)

This formula works equally well with meters, but don't mix meters and yards:

$$\text{Distance to Target (meters) / 1000} * \text{Mils} = \text{Length of Target (meters)}$$

Measure the object in yards to find the distance in yards, and use meters to yield distances in meters.



Red indicates the height of the target

If the height of an adult male is 5.91ft, and measures 5Mils across the reticle, that is:

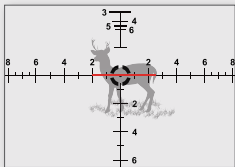
$$\text{Distance to Target (yards) / 27.78} * \text{Mils} = \text{Height of Target (inches)}$$

5.91ft = 70.9 inches

$$70.9 \text{ (inches) / 5 mil} * 27.78 = 394 \text{ (yards)}$$

$$2.0 \text{ (yards) / 5 MIL} * 1000 = 394 \text{ (yards)}$$

$$1.8 \text{ (meters) / 5 MIL} * 1000 = 360 \text{ (meters)}$$



Red indicates MILs of the target in reticle

If the Distance to Target is 400m, and the target measures 4.5Mils across the reticle, then the target length is:

$$400 \text{ (meters) / 1000} * 4.5 \text{ MIL} = 1.8 \text{ (meters)}$$

$$437 \text{ (yards) / 1000} * 4.5 \text{ MIL} = 2.0 \text{ (yards)}$$

$$437 \text{ (yards) / 27.78} * 4.5 \text{ MIL} = 70 \text{ (inches)}$$