

F1 RETICLELV.5™

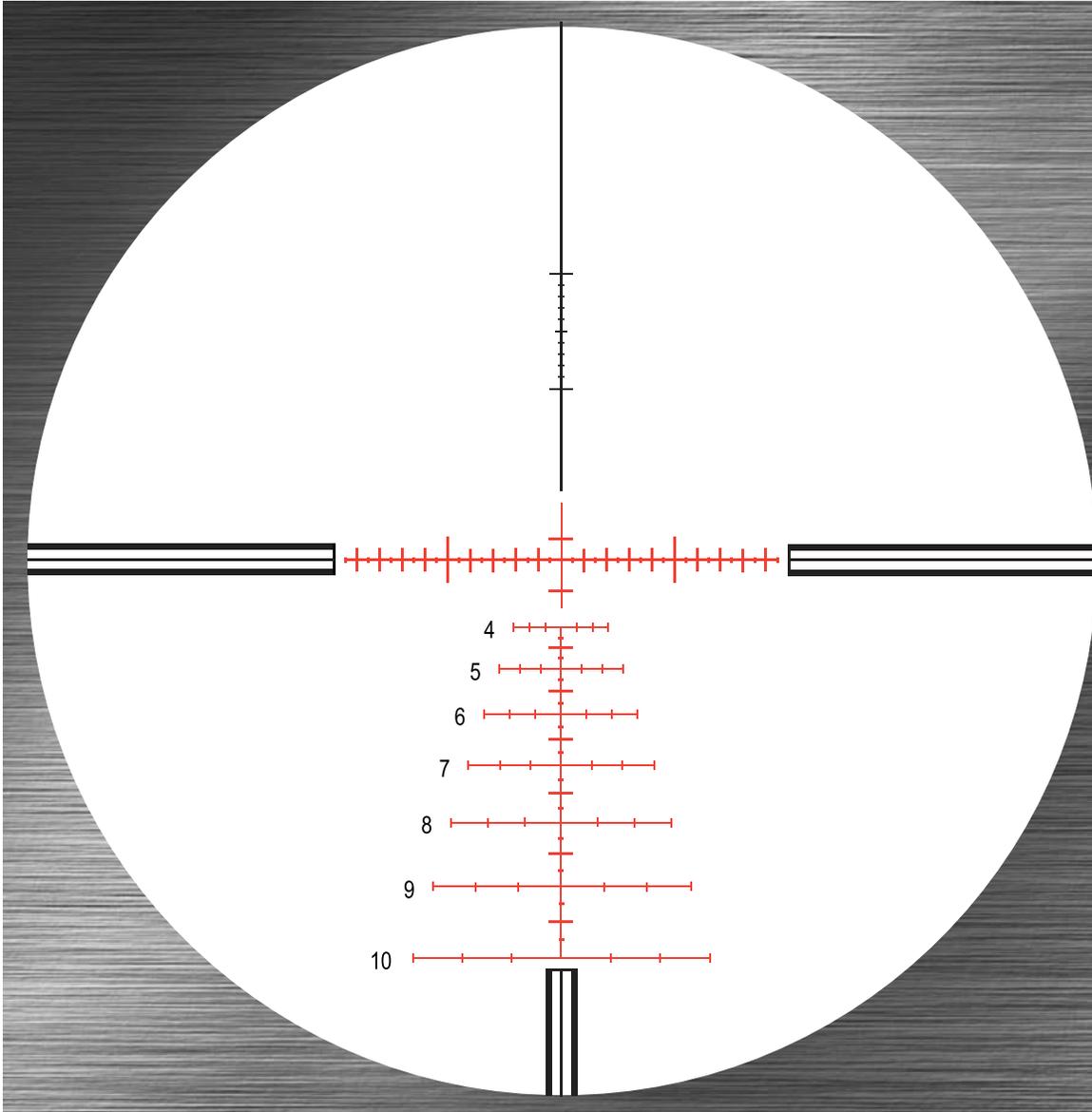


NIGHTFORCE®

Available in:

Nightforce 3.5-15x50 F1 NXS first focal plane riflescopes

Precise shot placement to 1000 yards
Eliminates estimating holdover, counting elevation
adjustments and time-consuming calculations



Red indicates illuminated portion of reticle

Reticle design parameters:

Sight-in distance/Zero: 200 yards (main horizontal bar)

Altitude: 2350 feet

Pressure @ Altitude: 27.47 (in Hg)

Humidity: 78%

Temperature: 50 deg F

Sight height above bore: 2.0 inches

Incline angle: 0 **Spin drift:** 0

Applications:

Long-range shooting to 1000 yards

Above: A sniper team armed with Nightforce riflescopes takes out targets from behind obstacles during the 2011 United States Army Special Operations Command Sniper Competition at Fort Bragg, North Carolina.

F1 RETICLE LV.5™

The Nightforce LV.5™ is a revolutionary solution to precision long-range shooting, designed to take maximum advantage of the first focal plane reticle location in Nightforce F1 riflescopes.

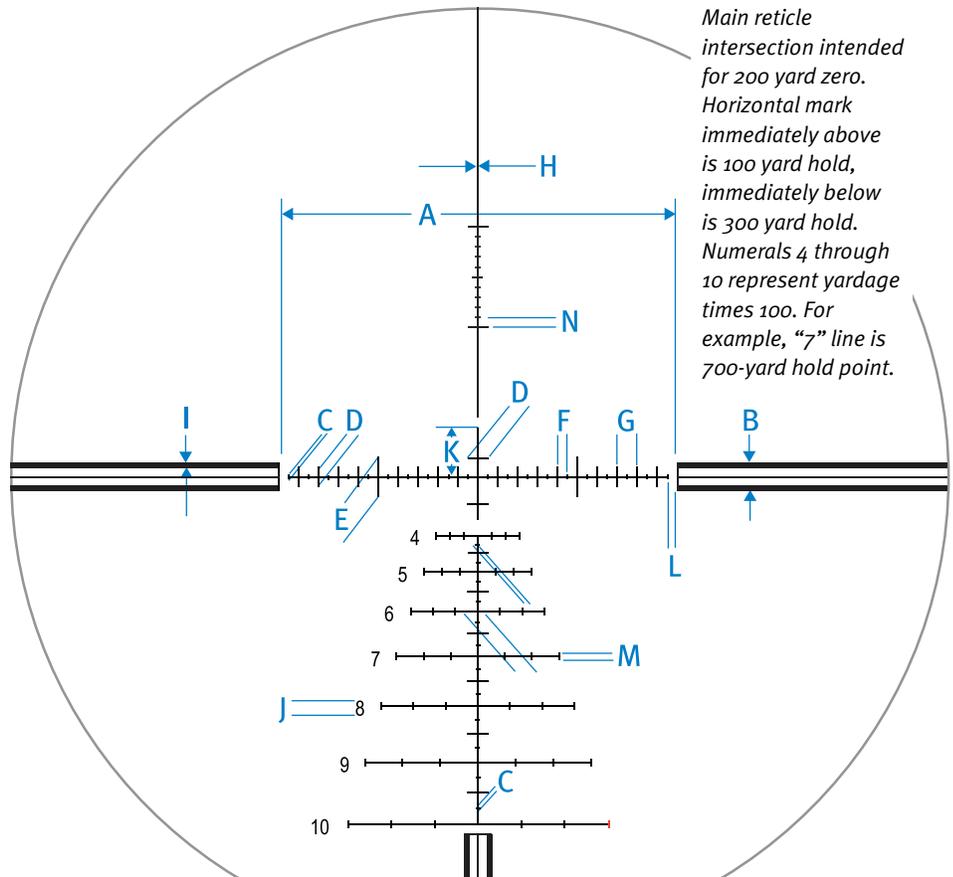
The LV.5™ is up to twice as fast as traditional ballistic reticles. It eliminates guessing at holdover, calculating bullet drop or counting elevation adjustments. Once the reticle is sighted in, verify the distance to the target and simply hold dead on* at the appropriate elevation mark.

It is tailored specifically to the ballistic profile (muzzle velocity, bullet weight and ballistic coefficient) of rifles chambered for military M118 and similar loads, and is capable of accurate reticle holds to within zero to one-half MOA to 1000 yards when using these loads.

As “smart” and precise as the LV.5™ may be, we encourage you to practice extensively at all ranges, select a bullet that will deliver optimum terminal performance at the intended distance, and completely verify your results before using the LV.5™ in “real-world” environments.

If your load changes, or you want to use your scope on a different rifle, the LV.5™ reticle will function as a “standard” reticle by using the main reticle intersection for your chosen zero point. Please note that by using this method your LV.5™ reticle will no longer be calibrated for accurate holdovers.

- Capable of fast and accurate reticle holds to 1000 yards
- Elevation marked in 100 yard increments for 100, 200 and 300 yards, then in incremental drops of 25 yards from 400 to 1000 yards
- Windage holds marked in 5, 10 and 15 mph increments
- Illumination standard



LV.5 reticle sample loads:

Federal Gold Medal Match .308 Win

175gr Sierra Matchking @ 2600 fps

Hornady Match .30-06

168gr AMAX @ 2700 fps

Hornady Match .308 Win

178gr BTHP @ 2700 fps

Remington .308 Win

165gr AccuTip BT @ 2700 fps

Federal Premium Vital-Shok .30-06

180gr Nosler Partition @ 2700 fps

Reticle subtensions

A	11.636 MILS / 40.0 MOA
B	0.80 MIL / 2.750 MOA
C	0.145 MIL / 0.50 MOA
D	0.58 MIL / 2.0 MOA
E	1.164 MILS / 4.0 MOA
F	0.291 MIL / 1.0 MOA
G	0.582 MIL / 2.0 MOA
H	0.048 MIL / 0.164 MOA
I	0.150 MIL / 0.515 MOA
J	0.436 MIL / 1.50 MOA
K	1.454 MIL / 5.0 MOA
L	0.291 MILS / 1.0 MOA
M	0.218 MIL / 0.755 MOA
N	0.291 MIL / 1.0 MOA

Ballistic drops in MOA

Yardage	Drop
100	-1.84
200	0
300	2.74
400	5.93
500	9.53
600	13.55
700	18.03
800	23.03
900	28.63
1000	34.91

* Based on zero degree incline angle. There are many variables that affect the ultimate accuracy of the LV.5™ reticle. Environmental factors (altitude, temperature, humidity, etc.) can also affect actual deviation from standard reticle markings. Please visit nightforceoptics.com for details.



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