
3.5-15x50 NXS


3.5-15x56 NXS


5.5-22x50 NXS


5.5-22x56 NXS


8-32x56 NXS


12-42x56 NXS


1-4x24 NXS


2.5-10x24 NXS


8-32x56 Precision Benchrest


12-42x56 Precision Benchrest

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NIGHTFORCE

Catalog of Exceptional Riflescopes and Accessories

NXS: Technology to improve your shooting

Standards = Quality.

The most advanced riflescopes ever produced.

The philosophy of Nightforce is highly specialized and focused on building the ultimate instrument for the application. Our research and testing has developed new standards in manufacturing and quality control. Every Nightforce scope is assembled at our factory in North Central Idaho. All Nightforce scopes are 100% inspected and certified, passing vigorous testing prior to shipping. Our commitment to ultimate riflescope performance by using cutting edge technology and advanced mechanical designs is unparalleled in the industry. All NXS models share exceptional features, making them the finest riflescopes ever produced.

It's what is inside that counts.

Compare any other riflescope to a Nightforce, and you will see and feel the differences instantly. We produce the most advanced optical sighting systems using extraordinary design and attention to detail. Upon inspection, you are sure to recognize the outstanding results.

Image quality.

The riflescope's objective lens determines resolution, light transmission and exit pupil size. To maximize these parameters, every Nightforce objective lens assembly consists of a multi-element design like those found in the highest quality telescopes. Our lens system focuses light rays more precisely for exceptional image clarity and color accuracy.

Lens coating.

All air-to-glass surfaces receive a proprietary broadband multi-coating. Nightforce's unique coating materials maintain tolerance limits of 1/4 wave deposition or 0.000005 inches and exceed the toughest Mil-Spec abrasion test. Nightforce optical designers push the bounds of light management and deliver consistently superior optics. You will see the performance advantages in low light and twilight conditions.

Precise tolerances.

To achieve durability and accuracy, the target turret adjustments are made with specially treated, hardened metals. Materials like heat-treated, high-strength steel with advanced dry film lubricants and surfaced hardened brass silicone bronze (BSB) are used to ensure long-lasting wear resistant and reliable performance. Each sleeve of the erector tube assembly consists of dissimilar metals. The outer tube is constructed of a unique bronze alloy. This provides exceptional wear resistance while ensuring repeatable accuracy in a variable power riflescope.

Adverse conditions.

To meet operational environmental requirements, Nightforce riflescopes were subjected to seawater, sand, dust, mud, heat and cold. As one would expect, the testing is rigorous. Every aspect of the riflescope design has been tested and proven. Nightforce riflescopes are tested in a pressure tank simulating 100 feet of water for 24 hours ensuring absolute waterproof integrity. Thermal stability is tested by freezing the scopes to minus 80 degrees Fahrenheit and then heated to 250 degrees Fahrenheit in a one-hour period. Function is checked at both temperature extremes. Recoil and impact is tested at 1,250 Gs for both positive and negative forces.

Performance attributes.

Known for their outstanding ruggedness, Nightforce NXS riflescopes set the standard by which all other riflescopes are measured. Our design team developed an innovative design structure that takes full advantage of aerospace materials. To ensure 100% repeatability, Nightforce designed a proprietary titanium beta erector spring that delivers three to four times the spring pressure of other scopes. This titanium material will never fatigue over time—even when left compressed—ensuring exact 1/4 M.O.A. throughout the entire range of internal adjustment. This highly polished titanium spring provides optimum surface bearing contact, ensuring ultra-smooth operation even in sub-zero temperatures. The thickness of the 6061-T6 aircraft-grade aluminum alloy tube body is two to three times thicker than other riflescopes. This dimension adds to the thermal stability, helps to maintain a consistent zero and reduces deformation of internal optical components, thus improving tracking and repeatability.

A lifetime of precision.

5.5-22x50 NXS

5.5-22x56 NXS

Developed for the military's extreme long range shooting and hard target interdiction, the 5.5-22x50 NXS and 5.5-22x56 NXS provide broad and powerful magnification and range, combined with a large field-of-view, four inches of eye relief and 100 M.O.A. elevation travel. This range of magnification and internal adjustment allow most .50 BMGs to achieve the 2,000-yard mark with accuracy. These NXS models are the most advanced field tactical scopes ever produced. We established new standards for performance when we debuted these scopes, and they remain the benchmark by which all other scopes are measured.

Long range field use.

8-32x56 NXS

12-42x56 NXS

The Nightforce 8-32x56 NXS and 12-42x56 NXS are designed for long range field use with all the research and development benefits learned in 1,000 yard benchrest competition since 1991, Nightforce has combined all the durability and features of our tactical NXS line with high-power variable magnification and a wide selection of target and field reticles born out of Nightforce's Precision Benchrest Series. These hybrid NXS models make a significant departure from the tactical applications of its predecessors to offer long-range and benchrest shooters fast internal adjustment capabilities for precise and repeatable shot placement. The 8-32x56 NXS and 12-42x56 NXS feature resolution and optical performance comparable only to high-end spotting scopes. The 12-42x56 NXS represents the highest magnification available from Nightforce. Like all NXS scopes, the 8-32x56 NXS and 12-42x56 NXS deliver performance incomparable to any other riflescope on the market.

Technical innovation.

The optical elements inside NXS are retained in a machined cell of 6061-T6 aircraft grade aluminum, then hand-bedded with a proprietary Mil-Spec bonding agent and cured at 200 degrees Fahrenheit for 24 hours. All lenses are further secured with o-rings and machined metal lock rings, both fore and aft. This zero-tolerance lens securing method is unique to all Nightforce riflescopes, assuring zero movement of the optical elements. This proprietary design provides strain-free mounting of the optical element, thereby ensuring exact optical indexing. It prevents any alteration of line-of-sight or degrading of optical performance by lens movement or breakage when subjected to recoil, extreme shock and severe temperature changes. 100% testing of each lens cell ensures the highest level of quality and long-term reliability.

Hunting compacts.

1-4x24 NXS

2.5-10x24 NXS

The Nightforce 1-4x24 NXS and 2.5-10x24 NXS riflescopes meet the demands of shooters and hunters by combining performance and innovation in a compact riflescope without sacrificing ruggedness, dependability, and craftsmanship. Designed for the discriminating shooter who wants speed and accuracy in all hunting situations from close-in to long-range. The 1-4x24 NXS Riflescope allows the shooter an accurate shot under extreme hunting conditions; it was designed for running shots, dense brush and hunting of dangerous game. This NXS is compact and provides the versatility needed in these difficult hunting situations. This riflescope gives the shooter full visual control over the target when time is critical with an astounding field-of-view of 100 feet at 100 yards. At 1x magnification this riflescope allows the shooter to keep both eyes open, acquire the target, center the reticle and fire. Decisively fast, this feature allows the shooter to focus on the target and the aiming point at the same time without having to think about shooting technique.

The 2.5-10x24 NXS combines traditional, long-range marksmanship with close-in transitional shooting. Designed for optimum accuracy, fast target acquisition and precise shot placement, its 2.5-10x variable power provides the shooter with the ability to adjust magnification as conditions dictate.

The 1-4x24 NXS and 2.5-10x24 NXS riflescopes offer several distinct enhancements delivering perfect reliability and accuracy. Features include low-profile, knurled adjustments for elevation and windage, as well as a unique side-mounted adjustable illumination turret, located on the left side of the saddle. This turret will allow the shooter to adjust reticle intensity for maximum contrast in low light.

MADE IN U. S. A.

Fast Elevation and Windage Adjustments

Adjustable Illumination Turret

Variable Magnification

Precision Benchrest: 8-32x56 and 12-42x56

More world records.

8-32x56 Precision Benchrest

12-42x56 Precision Benchrest

The Precision Benchrest Series represents the industry's highest level of performance in high power variable magnification. Since 1993, Nightforce Precision Benchrest riflescopes have won more world records in long-range benchrest competition—this includes world records in .50 B.M.G. 1,000 yard benchrest—than any other riflescope. The precision Benchrest Series earns the respect of the world's best shooters everyday at the range.

The Precision Benchrest 8-32x56 and 12-42x56 models boast the industry's most impressive features. A 56mm multi-coated objective lens provides the resolution necessary to distinguish fine detail at extremely long ranges. An adjustable objective provides extra-fine focus to adjust parallax from 25 yards to infinity. The target turrets are calibrated in true .125 M.O.A. (1/8 click) value and can be reset to zero after sighting in. The Precision Benchrest Series is equipped with a coil plunger adjustment return system to maximize tracking accuracy, a quick diopter-style eyepiece for fast focusing and a glass-etched illuminated reticle to provide ideal image/reticle contrast.

Nightforce Riflescope Accessories

Nightforce machined rings and bases.

Nightforce scope rings and bases are designed to exceed Military design specifications. Engineered to be tough and reliable, these all-steel mounts are tested for unfailing, repeatable performance. All Nightforce bases are constructed from heat-treated, high-strength steel. Nightforce bases are CNC machined from a single steel billet. All bases are precision machined to match the receiver contour, ensuring straight and true alignment, thereby reducing the amount of internal adjustment needed when zeroing the weapon. The one-piece scope base is machined to the exact Picatinny Mil. Std. 1913 specification rail dimensions and extends two inches over the barrel allowing for proper eye relief or mounting of night vision devices. Take advantage of the riflescope's full range of internal adjustments with Nightforce custom tapered bases. After zeroing the scope at 100 yards, many shooters find that four complete revolutions (40m.o.a.) of adjustment have been used up. Selecting the proper taper will allow you to reclaim any lost adjustment.

Unimount.

The most accurate Picatinny Mil. Std. 1913 rail mount available
Allows quick change or interface to weapons
CNC machined from heat-treated, high-strength steel
Matte black Mil-Spec coating
Built tough for a lifetime of precision

MADE IN U. S. A.

MADE IN U. S. A.

Nightforce one-piece bases.
Our one-piece bases have an integral recoil lug machined on the bottom of the base which extends into the ejection port of the receiver. This lug provides a precise fit when bedded to the rifle's action, thus preventing any movement of the base.

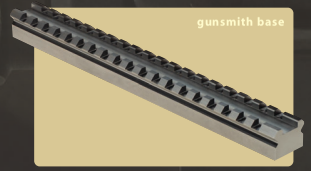
Nightforce two-piece tapered bases.
These two-piece Picatinny Mil. Std. 1913 rail bases are manufactured from heat-treated, high-strength steel; they are machined to an angle of 20 minutes (20 M.O.A.) and finished with a matte black Mil-Spec coating.

Gunsmith bases.
These Picatinny base blanks allow you to customize the length, height, radius and hole spacing to meet your application.

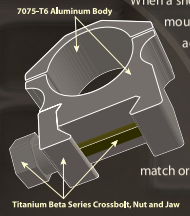
Torx drive system.
Nightforce bases utilize the Torx drive system to secure the mount to the rifle. These Torx screws have a deep engaging lobe head design that makes more efficient use of driving force, so you can tighten screws to the prescribed 15 in.-lbs. of torque to the rifle without deforming the screw heads.

Nightforce rings.
Nightforce rings are designed to fit Picatinny Mil. Std. 1913 scope bases. Nightforce provides accuracy to the ring design by machining a load-bearing recoil lug on the grade eight crossbolt. This recoil lug precisely matches the machined crosslug of the Nightforce base, providing perfect alignment. Nightforce 30mm steel rings are designed and produced in-house to precise specifications and manufactured from heat-treated, high-strength steel and finished with a matte black Mil-Spec coating.
Sizes .885-inch, 1.00-inch, 1.125-inch and 1.40-inch.

Unimount.
The Unimount is designed to remain on the scope at all times , allowing quick change or interface to weapons and is the most accurate Picatinny Mil. Std. 1913 rail mount available. CNC machined from heat-treated, high-strength steel, the Unimount is finished with a matte black Mil-Spec coating. Precise tolerances ensure the riflescope is not subjected to stress, strain or bending as the ring screws are tightened. Axial alignment between scope rings are held to within .0005 inch in total runout. the Unimount provides shooters the ultimate tapered base scope mount for attachment to weapons with an integral Picatinny Mil. Std. 1913 rail flat top-type receiver.



Ultralight Rings and Unimount Alternative.



When a shooter needs a reliable mounting system without adding substantial weight to his rifle, Nightforce has the solution. Ultralight rings use titanium where it counts to match or exceed the strength of steel rings. Nightforce designers approve the use of these rings under the heaviest of recoil conditions.

Only 1/3 the total weight of steel rings.

Nightforce Ultralight Rings and Ultralight Unimount feature CNC machined 7075-T6 hard anodized black aluminum bodies and titanium beta series crossbolt, nut and jaw. This unique selection of materials and design provide exceptional strength, uncharacteristic of lightweight scope rings. Testing has proven the use of these materials in combination produces a scope ring that is stronger than steel. Nightforce Ultralight Rings and Ultralight Unimount are finished with a low-reflection, hard-anodized black coating.

Mil-Radian Turrets for NXS.

Nightforce Mil-Radian target turrets are designed to provide the shooter with precise Mil-Radian angular units of measure for elevation and windage adjustment. This measurement system allows the shooter a common language for corrections in conjunction with Mil-Dot or MLR reticles. Windage and elevation adjustments are calibrated in 0.1 mil. click value and 5.0 mil. per revolution allowing easy return-to-zero.

Zero Stop for NXS

The Zero Stop turret provides the shooter with a fail-safe method of returning to zero under stressful conditions. Once the zero is indexed and set, the shooter will be able to return to their established zero under any situation. This can be accomplished without visually looking at the target turret. Simply grasp the knurled turret and turn it clockwise until it stops, and you will have returned to absolute zero. Shooters will appreciate this feature when under low light conditions. The shooter will be able to dial in the corrections without ever getting lost in adjustment or losing sight of the target.

Nightforce Ballistic Software for PC and Pocket PC

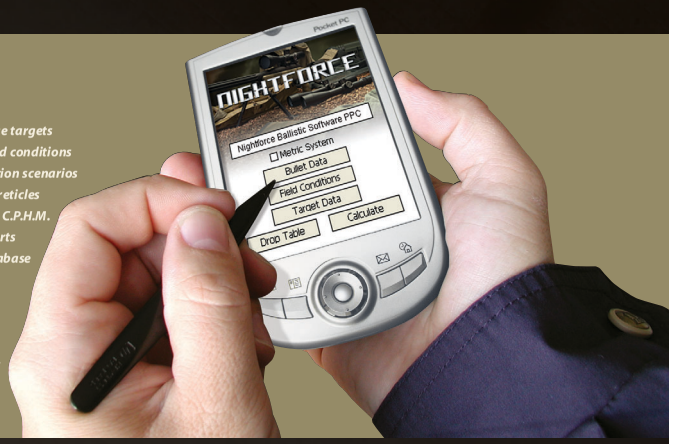
Incredible performance, incredible price.

At no other time have shooters had access to technology that has such far reaching and measurable effects on their ability to improve accuracy. Nightforce brings powerful tools to bear against the physical forces that influence a bullet's path. Nightforce Ballistic Software for Windows and Pocket PC improves accuracy, effectively closing the distance between shooters and their targets.

For less than the cost of a good pair of boots, Nightforce Ballistic Software can enhance the results you currently see from your selection of rifle, scope and ammunition.

Capabilities and features.

Formulates zero-point solutions to hit long range targets
Records and recalls sight-in data for location and conditions
Profiles of rifle/ammunition/atmospheric condition scenarios
Performs all necessary calculations for ranging reticles
Calculates corrections in M.O.A., I.P.H.Y., Mils and C.P.H.M.
Prints reference cards, plot graphs and drop charts
Comprehensive manufactured ammunition database
Library of more than 500 ballistic coefficients
Export data to Excel spreadsheets
Available for Windows and Pocket PC
Versions sold separately or as a bundle
Affordable for every class of hunter and shooter

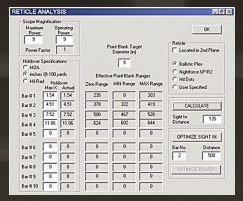


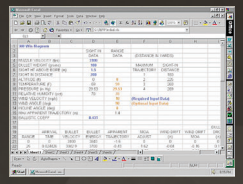
An accurate shot every time.

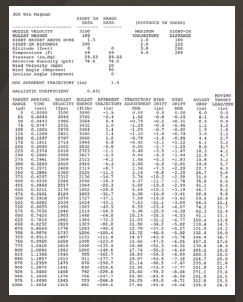
The Nightforce Ballistic Program is the world's most accurate. Finally there is a simple program for the shooter who requires fast and accurate data in the field. This program is essential for the shooter who wants to send the bullet accurately down range. The Nightforce Ballistic Program provides the shooter with an understanding of how to optimize equipment and hit targets at incredible distances in real-world conditions.

The Nightforce Ballistic Program for Pocket PC.
This version enables the shooter to take the ballistic calculator into the field. The Nightforce Ballistic Program for Pocket PC is designed to provide a shooter's zero-point solution for a particular target distance. The Pocket PC version enables the shooter to overcome all changes experienced in the field.

The Nightforce Ballistic Program for Windows.
The Windows version of this software possesses the same features and capabilities of the Pocket PC version and boasts additional features, allowing the user to input, store, print and export data.







Factory ammunition.

This ballistic software has several options to help you specify the data about the ammunition you want to analyze. The program contains the most comprehensive database for commercially loaded ammunition of any program including Federal, Hornady, Remington, Winchester, and Black Hills, and many more.

Unprecedented library of ballistic coefficients.

This extensive library contains more than 500 ballistic coefficients from bullet manufactures such as Barnes, Berger, Hornady, Lapua, Lost River Ballistics, Nosler, Sierra, Speer, and Swift. The shooter will be amazed at the diversity of bullet selection and the speed of which information can be obtained, eliminating the need to contact bullet manufacturers to obtain the ballistic coefficient of a bullet. This library enables the user to specify multiple ballistic coefficients to accommodate data from Sierra Bullets which specifies ballistic coefficients based on velocity or from independently developed drag coefficient sources.

Calculates correction.

The Nightforce Ballistic Program provides the shooter with all corrections in minutes of angle (M.O.A.), inches per hundred yards, (I.P.H.Y.), Mil-Radian (Mils) and centimeters per hundred meters (C.P.H.M.).

Print your data.

Shooters can output their data to Excel spreadsheets. This powerful extension provides users with unlimited capabilities for further analysis such as comparing loads, generating reference cards, plot graphs and custom drop charts.

Remember sight-in conditions.

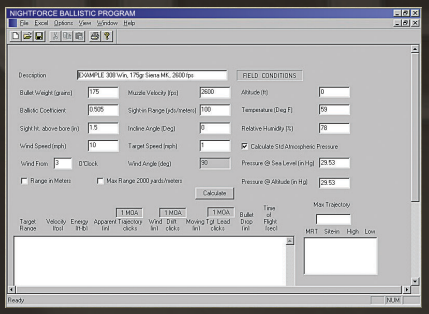
This option makes it possible to save the sight-in data acquired under one set of atmospheric conditions, and eliminate the need to sight in after arriving at the new location.

Trajectory validation.

Multi-dimensional technology, known as trajectory validation, makes the Nightforce ballistic program more accurate than any other commercially available ballistic software.

Ballistic reticle analysis.

This feature allows the shooter to optimize the use of range finder ballistic reticles by changing the magnification or sight-in distance so that one or more of the reference bars, dots and circles will coincide with where the shooter wants at a specific distance.



A simple user interface on your PC at home or on your Pocket PC in the field can greatly improve the accuracy of shooters with easy input, organization of data and portability of information for analysis and quick reference.