

**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 rifle scope 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 rifle scope 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 rifle scope'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 ejector 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 rifle scope.

### **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 rifle scope 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 1250 Gs for both positive and negative forces.

