

USERS GUIDE

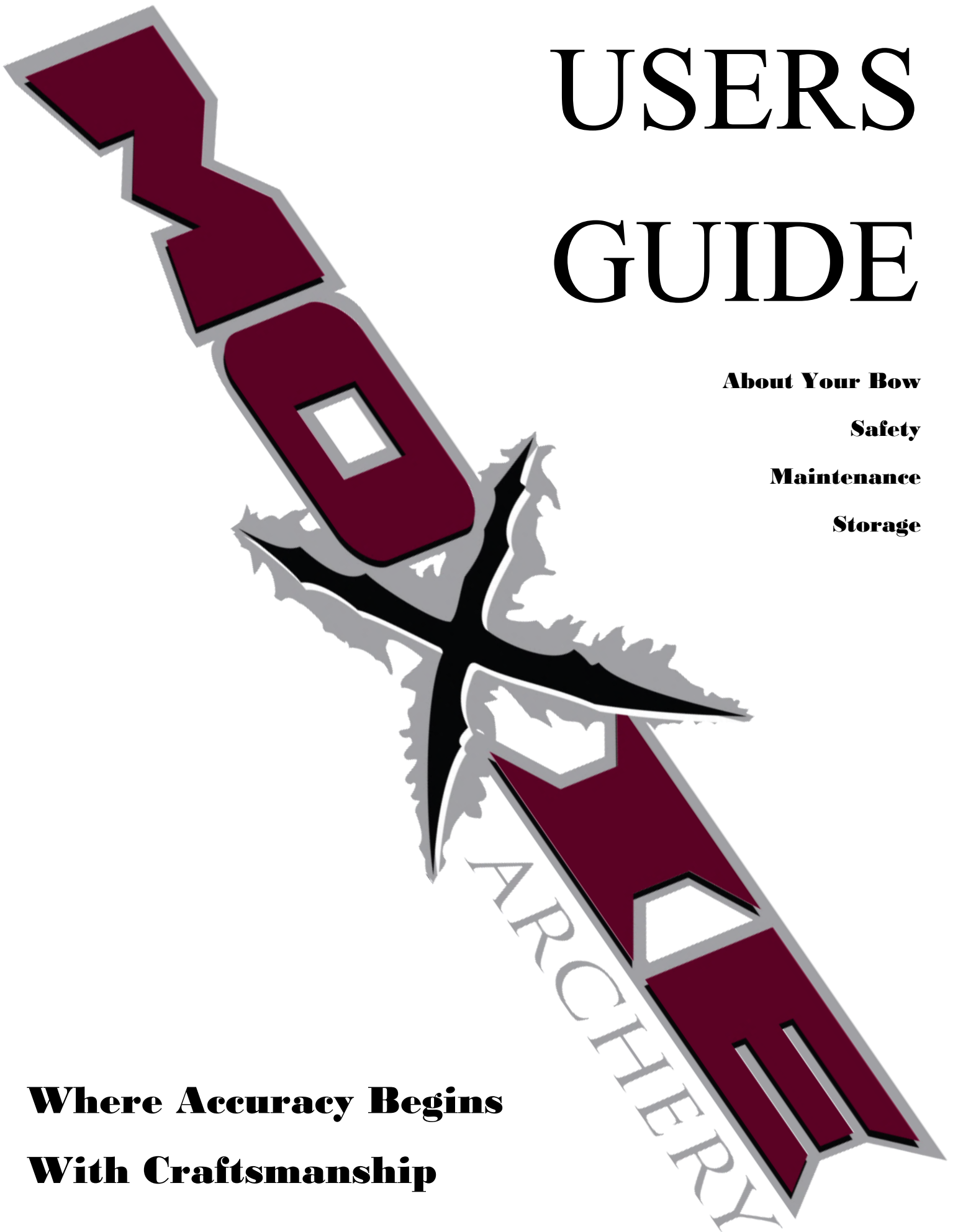
About Your Bow

Safety

Maintenance

Storage

**Where Accuracy Begins
With Craftsmanship**



Born on Date

Congratulations. We would like to say thank you for choosing Moxie Archery! It is your faith in our products that drives us to produce the best bows on the planet. You will notice the attention to detail, manufacturing processes and the high quality components combine to make an outstanding product that you will rely on for years to come. We are excited to have you as part of the Moxie team and will be happy to help you if you ever have any questions.

A Born on Card is included with every new bow purchase. This card will show you the specs of the bow, the model, serial number, and the actual IBO Speed of your bow at max poundage for your limbs and draw length, performed at our factory. The born on tag is another way to ensure our customers that we are taking the time to verify every bow is perfect when it leaves our factory. We test the draw force curve of every bow, this shows us that every bow is tuned to perfection and set to its optimal performance. Depending on the draw weight of the bow, a 5gr/lb. arrow will be used to test the speed, which is standard in the industry.

You will find that if compared apples to apples, measured draw lengths and measured draw weights, our bows are the best money can buy.

Safety Tips

Compound bows have a high amount of stored energy. It is critical that you treat them with the utmost respect. The limbs are put under high tension, held in place with a set of cables and string. *If the strings, and/or cables are tampered with or cut while under tension; possible fatal injury could occur. If the limb bolts are backed out further than the recommended 3 turns, this can also cause the bow to come apart under tension and cause injury.*

Compound bows store energy in the limbs. When a correctly weighted arrow is used, the energy is transferred into the arrow when released.

If too light of an arrow is used (under 5gr/lb.) or no arrow at all; the stored energy released will cause damage to the bow. Moxie Archery only warrants the bow at 5gr/lb. or more in arrow weight.

When pressing your new bow, the right press is a must. We recommend using a Sure-Loc X-press; it is considered a double pull press which will push in on the limbs without dragging across them. This creates less stress on the riser and limbs; which can cause them to break, in which they will not be covered by warranty.

When shooting your new bow, always be sure the bow is pointed down range. Be sure there is never anyone between or beyond the target. Before shooting the bow, you will want to look over all your arrows. The slightest crack in an arrow can cause it to malfunction and cause injury. You will also want to inspect the bow. Make sure that nothing is in the wrong place, nothing is broken and nothing can get caught in the cams while drawing the bow. Before every shot, if you know your surroundings and know your equipment, a chance of an accident will be greatly reduced.

Always make sure that your bow is set up correctly. If something is not set right, it can greatly affect the performance of the bow. Make sure the cables are crossed properly, draw stops are set to the correct position, poundage is set to a comfortable setting and the draw length is right for you.

Any alterations done to the setup of the bow that do not match the factory setup can void your warranty. If you feel that your bow is not set up correctly, please visit an authorized Moxie Archery dealer to verify proper setup. Any parts used to alter the bows that are not Moxie Archery parts could cause damage to the bow and will not be covered under warranty.

Never pull more poundage than you are comfortable with. This may cause injury to you and can cause you to accidentally fire the bow when you are not ready.

Children under the age of 18 should be taught proper shooting techniques and be supervised at all times. A bow is just as potentially dangerous as a gun, proper safety precautions must be taken at all times.

Maintenance

To keep your bow performing like brand new, you will need to perform a few maintenance requirements. Moxie bows are built with the highest quality components to ensure they last a very long time. Regular maintenance must be performed due to the materials used in the components.

String Care

The string and cables on your new bow must be lubricated/waxed on a regular basis. Depending on the environment and the number of shots put through the bow, applying lubricant/wax regularly will greatly increase the life of the string/cables.

Keep Your Bow Clean

A bow must be kept clean from dust and dirt (small particles often causes damage to a bow if not regularly maintained). If your bow gets wet, it needs to be wiped down. Moxie bows are built with stainless steel fasteners to keep them from rusting but they must still be kept clean.

***Do not use any solvents on the bow, this can cause damage.**

Bearings

Moxie bows come with 4 sealed bearings, two in each cam. Never use any kind of lubrication on the bearings as it will attract dust/dirt and cause more issues.

Bow Storage

A compound bow must be kept in a dry, moderate temperature area. Storing your bow in a high temperature area for an extended period of time may cause damage; thus invalidating the bow's warranty. We have included a personal record form below. It is a way for you to keep track of all of the information needed with your new bow. Along with this form, please take the time to fill out the registration card included with your new bow or register at www.moxiearchery.com. Registration of your new bow must be completed within 30 days of purchase.

Purchase Date: _____

Draw Weight: _____ **Draw Length:** _____

Other Notes: _____

Bow Year: _____

Bow model: _____

Dealer Purchased From: _____

Proper Fit and Set Up

Moxie bows are designed to make getting the perfect fit for you fast and easy. Each cam is developed with a modular draw length system; this enables you to change the draw length by simply taking out one module and replacing it with another. Each dealer should have a full set of modules on hand at all times. When buying a Moxie bow, it will fit you perfectly when you go home with it. To obtain the proper fit of your new bow, consult your local authorized dealer.

Each bow is also equipped with a draw stop; this will allow the bow to come to the exact same spot every time you come to full draw. When adjusting the draw length with a different module, the draw stop must be moved to the proper location. The stop also allows you to fine tune the draw length and allows you to set the let-off to a comfortable position for you.

To obtain your draw length, have someone measure your arm span from tip of fingers. Take that measurement and divide it by 2.5, this will get you close to where your draw length needs to be. Draw length is a very crucial factor in shooting, when set correctly your accuracy will greatly improve.

Warning: When adjusting the draw length, be sure that the Overdraw Protection Stud is installed in the correct position with respect to the draw length module number. This will prevent lock up of the bow.

Warning: It is recommended by the manufacturer to ensure that both the Draw Stop and the Overdraw Protection Stud are used together and in conjunction with each other. Do Not Attempt to use only one of these two protection posts without the use of the other.

***See tuning charts for more information on adjusting draw length.**

Draw Length

WARNING!!!!!! - DO NOT LOOSEN LIMB BOLTS MORE THAN 3 FULL REVOLUTIONS FROM FACTORY SETTINGS.....

To change the draw weight, 1st loosen the limb pocket bolts before adjusting the limb bolt. 2nd each limb bolt will need to either be tightened clockwise in (more weight), or loosened counterclockwise out (less weight).

Each limb bolt must be adjusted exactly the same (example: if you take two full rotations out of the top bolt, two full rotations will need to be taken out of the bottom). Note: once the adjustment is made to the desired draw weight, re-tighten each limb pocket bolt before drawing the bow. The draw weight should be set to a spot where you can comfortably and easily pull it back. You never want to pull more weight than you are comfortable with, it can be dangerous for you and others around you.

Draw Weight

Center Shot and Nock Height

The center shot of a bow is measured from the inside wall of the riser to the center of the arrow. Moxie bows are built with an optimal center shot of 7/8", but can be within 1/8" either way and still be considered "in spec" (3/4"-1"). The nock height of the bow should be set at 90 degrees off of the string; the optimal position will fall where the arrow comes through directly down the middle of the burger hole (7/8" up from the shelf).

Pressing Bow

When it comes to pressing your new bow, the right press is a must. We recommend using a SureLoc X-Press. It is considered a double pull press, which will push in on the limbs without dragging across them. This will create less stress on the riser and limbs. Too much stress may cause the limbs to crack, voiding the warranty. We also highly recommend the split limb attachment, without it you may damage the bow.

If using a Sure-Loc X-Press, the lower peg should be as close to the limb pocket as possible. The upper peg needs to be on the limb as close to the cam as possible, without affecting the movement of the cam.

PLT Split Limb

Using precision limb technology (PLT), we have developed a limb that is like no other limb on the market. Our limbs hold a dimension tolerance and deflection tolerance that will eliminate many issues seen on the market today. The limb is coated with a material that structurally strengthens it to surpass the best limbs in the industry. At Moxie Archery, our goal is to build the highest quality bow on the market. PLT Limbs are one of the steps we have taken to ensure we are the best.

ZT Loc-N-Cradle

The ZT Loc - N - Cradle limb system, with its near zero tolerance limb lock we ensure confidence and consistency shot after shot. The cradle portion of the ZT Loc provides greater support to the limbs, adding the highest level of limb integrity in the industry.

Speed Nocks

We wanted a product that would double as a speed nock and reduce the string oscillation at the same time. A few of our models, Antigen, Angel and Origin utilize a "string sleeve". This sleeve enhances the bows speed, quiets the string and reduces string oscillation. For our Valkyrie model we have incorporated strategically placed speed nocks, which provide enhanced value as stated above.

2015 B CamIII

At Moxie Archery we strive to innovate. We do that through our people and our exclusive technology and testing methods. The all new B CamIII delivers all the performance you are going to need. This cam system features dual limb and cable stops and a rock hard back wall. This is extremely advantageous for the shooter and allows for consistency, shot after shot. Like the original Badger CAM and Badger CAM II, the III also features a super smooth draw that lacks nothing in knock down power. We feel this Cam system is one of the most efficient cam systems on the market today. This system utilizes a two track synchronized cam system to improve the efficiency of the draw cycle, while making the bow easier to set up and tune.

Speed Rating

When it comes to measuring speed, the archery industry has an established standard rating set by the International Bow hunting Organization (IBO). To be within IBO spec, you can be $\frac{3}{4}$ " off in the given draw length, be it long or short. (Ex. If the draw length is stated at 30", it can be 29.25"-30.75" and still be considered in spec.) Draw weight can vary +/- 2 lbs. Industry standard for measuring speed is 70lbs, 30" draw and the arrow used is 350gr's. We rate our bows at the exact draw length, so you, our customer, will know exactly what your bow will be shooting at your given draw length.

Note: A Moxie Archery Bow is shipped from the factory tuned to perform at maximum efficiency.

Speed loss or gains can occur from any of the following:

String silencer = 2-6fps

Peep sight = 3-6fps

Brassnock set = 2-4fps

$\frac{1}{2}$ " of draw length = 4-6fps

String loop = 1-3fps

Rubber peep tubing- 6-10fps

Page 5

Moxie Valkyrie Bow Breakdown

