



HOVERBALL[®] ARCHERY TARGET

FUN FOR ALL AGES AND SKILL LEVELS

USER'S MANUAL



A MESSAGE FROM THE FOUNDER OF S.A.F.E. ARCHERY®

Sharing the Fun of Archery

In the spring of 2011, while working on a product for our archery company, we had the idea of placing a foam tip on an arrow. We soon had our first prototype and the “non-lethal arrow” was born!

In the years since, I’ve been humbled and amazed to see how this patented arrow has grown from a simple idea into a worldwide archery game that is now enjoyed in over 50 countries.

As I travel around the US and other parts of the world, I witness the same phenomenon: people of all ages, genders, and nationalities enjoy our patented Hoverball® Archery Target and S.A.F.E. Archery® bows and arrows.

It is a thrill to hear from loyal customers using our equipment in unique ways. Recently we received word that the Hoverball® Archery Target was being used as a teaching tool to help kids with Autism learn to gain focus. Archery helps develop the discipline and focus that carries on for the rest of their lives.

We love to help people. We love to help people learn a new skill, learn tangible life lessons, excel and reach their goals.

Shooting a bow has been a passion of mine for over 40 years. I feel incredibly blessed to share this passion with the world. It warms my heart to see the smiles on the faces of people who would never have picked up a bow before using a Hoverball®. Thank you for embracing this game.



John Jackson
C.E.O. & Founder
Global Archery Products, Inc.
Creators of Archery Tag®, S.A.F.E. Archery®, and other innovative products



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1.1 EQUIPMENT

WHAT IS IN A HOVERBALL® SET



Hoverball® Archery Target set includes:

- 1 Inflatable Hoverball® Archery Target
- 1 Backdrop (S.A.F.E. Archery® or custom)
- 2 S.A.F.E. Archery® Longbows
- 12 S.A.F.E. Archery® Arrows
- 1 Operations Manual & Media Kit
- 8 Balls
- 4 Metal Stakes
- 1 Inflation Blower
- 1 Equipment Bag



Optional Equipment:

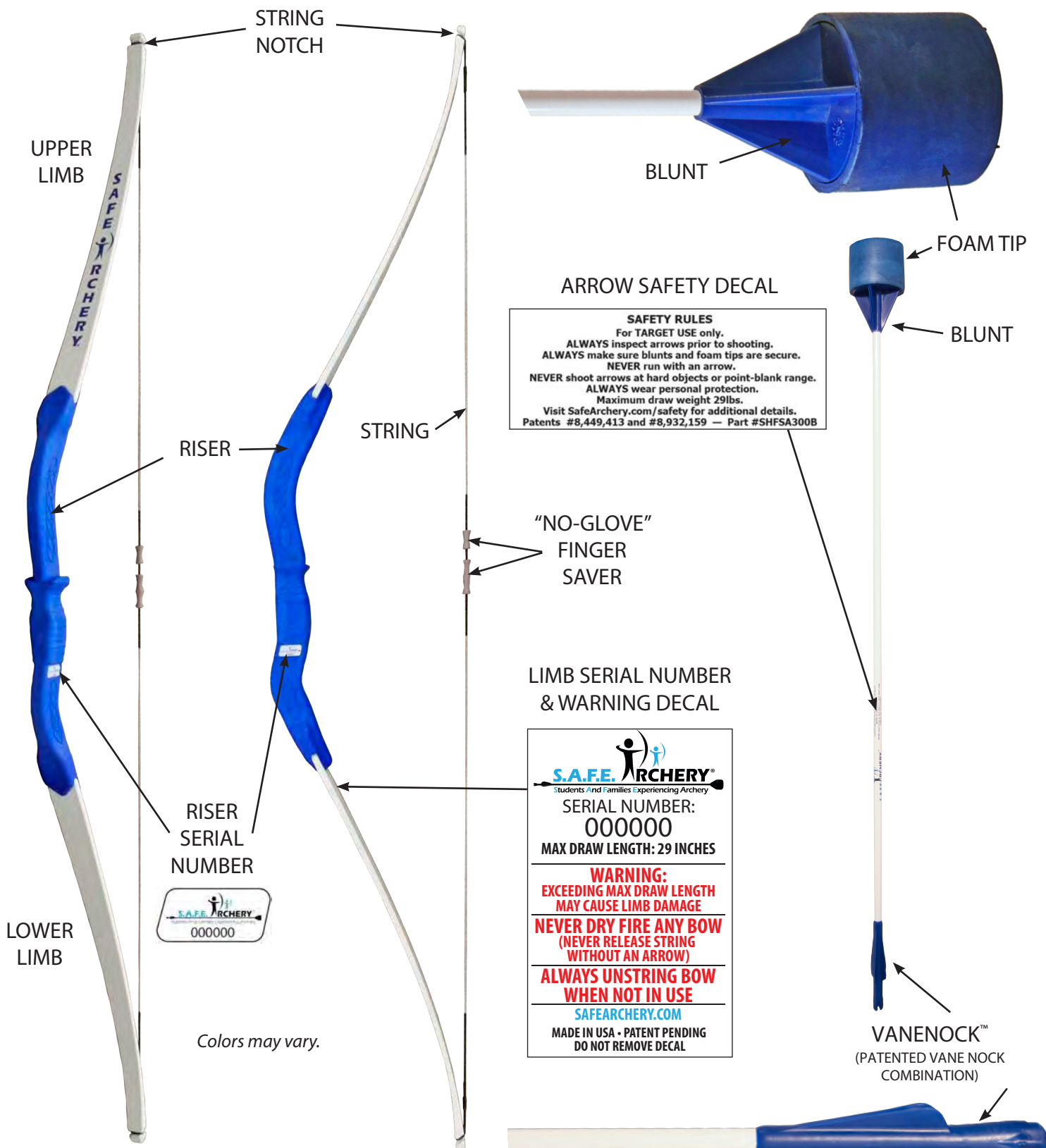
- Custom Backdrop(s)
- Additional S.A.F.E. Archery® Bows
- Additional S.A.F.E. Archery® Arrows

Product colors and blower style may vary from product pictured.

"NON-LETHAL ARROW" PROTECTED BY U.S. PATENTS #8,449,413 and #8,932,159
"COMBINED FLETCHING AND NOCK" PROTECTED BY U.S. PATENTS #D852,918
"HOVERBALL" PROTECTED BY U.S. PATENT #9,273,936

1.2 BOW & ARROW PARTS

GET TO KNOW YOUR BOWS & ARROWS



"NON-LETHAL ARROW" PROTECTED BY U.S. PATENTS #8,449,413 and #8,932,159
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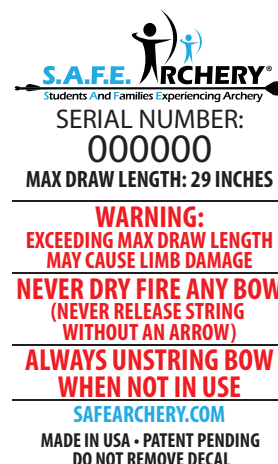
1.3 SAFETY

HOW TO OPERATE SAFELY



With the varied skill-level of players, the equipment endures tremendous abuse, especially when compared to traditional archery equipment. In addition to being drawn hundreds of times on any given day, our bows may also be dropped, stepped on, thrown, overdrawn, leaned on, and dry-fired. Our arrows repeatedly impact the arrow stop, which will result in stress on the shaft as well as loose blunts, foam, and/or nocks. Due to these factors, S.A.F.E. Archery® bows and arrows CAN POTENTIALLY break. This is why eye protection must be worn at all times when a bow is drawn for shooting and even while demonstrating its use.

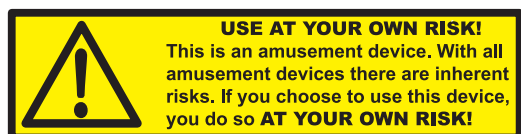
1. Adult supervision is required at all times. Never leave the Hoverball® Archery Target unattended.
2. Safety glasses must be worn at all times when handling the bow. Glasses can be cleaned with a microfiber cloth (not included). Be sure to have cleaning cloth/wipes at your event.
3. Participants shoot at least 10 to 15 feet from the inflatable. Distance can be clearly marked by tape or cones. If using a table, be sure that shooters step back from the table so the bow does not strike it when pulled. A table is the perfect place to lay the bow after use. Arrows can be placed in a pop-up hamper.
4. If you are outdoors, you will want to place the back of the unit (the arrow stop) toward the breeze so the balls float without being blown. Side panels can also help shield the gallery from the wind. Side panels are available for purchase on SafeArchery.com. The Hoverball® Archery Target should not be operated outdoors if winds exceed 15 mph, in rain, or when lightning is present.
5. Arrows must not be released when anyone is in front of the Hoverball® Archery Target, such as when retrieving arrows or resetting balls.



SAFETY RULES



PROTECTED BY U.S. PATENT #9,273,936



SHOCK HAZARD

DO NOT OPERATE IN A WET ENVIRONMENT. IN THE EVENT OF RAIN GET EVERYONE AWAY FROM THE DEVICE AND DEFLATE IMMEDIATELY. BLOWER REQUIRES A CONSTANT OF 110V/15AMP POWER SOURCE.

TRAINED OPERATOR MUST BE PRESENT AT ALL TIMES

- INSPECT EQUIPMENT PRIOR TO USE
- MINIMUM SHOOTING DISTANCE 15 FEET (4.6 M)
- USE ONLY S.A.F.E. ARCHERY® EQUIPMENT
- AVOID SHOOTING ARROWS AT HARD OBJECTS
- DON'T SHOOT WHILE PEOPLE ARE DOWN RANGE
- WEAR EYE PROTECTION
- NO HORSEPLAY

READ THE OPERATIONS MANUAL BEFORE USING THIS DEVICE.
VISIT SAFEARCHERY.COM/SAFETY FOR ADDITIONAL INFORMATION.



BE SAFE • FOLLOW RULES • HAVE FUN

2.1 SETUP

HOW TO SET UP YOUR HOVERBALL® SET



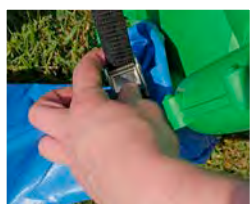
1 Area Preparation

If operating outdoors, check ground for a flat, level surface void of any rocks, sticks, pine cones, etc. Look for anything that may puncture the bottom of the Hoverball® Archery Target. Also, check height clearance for trees, power lines, or overhead obstructions. Never operate the Hoverball® Archery Target on a rough surface without a pad or tarp beneath (not included).



2 Unpack the Bag

Unzip the bag.
Remove the blower unit.
Remove bows, arrows and other items in the transport bag.
Remove the rolled Hoverball® Archery Target.
Remove straps from the Hoverball®.
Unroll the Hoverball® in the direction you wish it to face.



3 Attach the Blower

On the back left corner of the Hoverball® find the air portal tube. Attach the blower to the air portal tube. Place port end over the blower nozzle and check to be sure that it is not twisted. Pull the black strap through clip teeth and tighten so it is snug around blower nozzle.



4 Close Front Air Vent

On the front left of the Hoverball®, there is an air vent on the bottom. Lift up the front left corner to see the underside of the Hoverball® and close the vent flap so the Velcro holds the flap shut. It's easiest to close this flap before inflating the Hoverball®.

Videos on how to operate and pack the Hoverball® Archery Target are available at SafeArchery.com/howto

2.1 SETUP

HOW TO SET UP YOUR HOVERBALL® SET



5 Plug in the Blower and Turn On

Plug in the blower to the closest power source. If using an extension cord, use a 14-gauge or heavier cord that extends no more than 100 feet from the Hoverball® Archery Target to the power source. If using a power generator, the domestic blower is 115v motor drawing 6 AMPS. The international blower is 230v drawing 3 AMPS.

Turn on the blower.



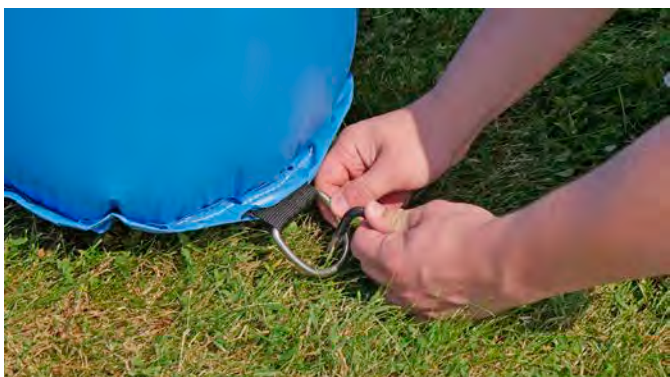
6 Ensure Even Air Distribution

Walk around the Hoverball® and pull up on the corners to help ensure even air flow and upright inflation. Make sure that the top of the Hoverball® remains horizontal so it inflates upright.



7 Close Rear Air Vent

On the back of the Hoverball®, find the air vent. Push the internal flap inside the Hoverball® and zip the vent closed. Close the external flap so the Velcro holds it closed.



8 Secure the Hoverball®

If outdoors, secure the Hoverball® Archery Target by staking the unit at all four (4) corners via the attached D-rings. Drive stakes half way at a 45-degree angle away from the inflatable. On hard ground you may have to use a clawhammer to pound the stakes into the ground.

There are also D-rings on the upper corners if you want to tie ropes on the Hoverball® for windy situations. The back of the unit must be facing toward the wind. Take the ropes and anchor them toward the wind to keep the Hoverball® upright. *Reminder: If wind exceeds 15 MPH, turn off the blower and deflate the Hoverball® immediately. Do not operate the Hoverball® if winds exceed 15 MPH.*

Videos on how to operate and pack the Hoverball® Archery Target are available at [SafeArchery.com/howto](https://www.SafeArchery.com/howto)

2.2 SETUP & TROUBLESHOOTING

HOW TO SET UP YOUR HOVERBALL® SET



7 Float Balls above Cones

Hold a ball 4" to 6" directly above an air vent cone. The air flow should catch the ball so that it "hovers." Release the ball. Repeat for each cone. The balls should hover 4" to 6" above the cones.

If windy, be sure place the Hoverball® unit so the backdrop faces the breeze. The backdrop should shield the target area from the wind. Optional side panels are also available to cut down on wind in the target area.



A twisted air portal will severely restrict air flow.



Make sure the air portal is straight and clear of twists or kinks.



Make sure the bottom and back air vents are closed.

TROUBLESHOOTING

Balls won't stay afloat

The balls should hover 4" to 6" above the cones. If they are falling frequently or barely above the cone, please check the following:

- Make sure the Hoverball® Archery Target is on level ground.
- Make sure the portal air input tube that connects to the blower is not twisted.
- Make sure the portal air tube opening is tightly attached to the blower nozzle. Air should not be escaping from the opening.
- Inspect the back air vent to be sure it is zipped closed and the flap is closed over the zipper.
- Inspect the bottom front air vent to be sure the flap is closed.
- If it is windy, make sure the back of the Hoverball® is facing into the wind. The backdrop should shield the balls from the wind.
- If it is windy, make sure the Hoverball® is anchored to the ground so it stays upright and doesn't move in the wind.
- Optional side panels are also available to decrease wind in the target area.

2.3 BOW ASSEMBLY

HOW TO PUT TOGETHER A LONGBOW



Begin by attaching the upper limb (with logo) to the top of the riser.



Firmly slide the tongue end of the limb into the riser. The signature on the limb should be facing the front of the riser.



Repeat with bottom limb (serial number decal facing back of riser).



Lay the string so that the short part of the finger protector is toward the top of the bow.



Place the large top loop of the string loosely around the top limb.



Slide the top loop down to create slack in the string.



Place the bottom loop of the string inside the notch of the bottom limb tip. Make sure the string is centered on the limb.



With the bow facing up, place the bottom limb under your thigh (above and behind your knee).



Grip the riser and pull it toward you while pushing the string loop away from you until it is in the notch of the top limb tip.



The string should be centered on back of the limbs. Your bow is now ready to shoot.

***Always unstring your bow when not in use.
To unstring the bow, reverse the above process.***



Visit SafeArchery.com for video tutorials and more!

2.4 SHOOTING TECHNIQUES

HOW TO SHOOT YOUR BOW & ARROW



Teaching Someone to Shoot

These are some basic instructions on how to shoot:

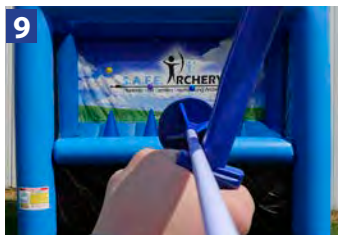
1. Stand perpendicular (at a 90-degree angle) from the target with feet shoulder-width apart and back straight. Right-handed archers will place the left foot toward the shooting line and left-handed archers will place the right foot toward the shooting line.
2. Hold the bow in the non-dominant hand, with the hand just below the arrow rest (riser shelf). The S.A.F.E. Archery® logo is on the top limb.
3. Turn the bow so it is horizontal. Place the arrow on the riser shelf facing upward.
4. Load, or nock, the arrow with the VaneNock™ facing you, on the same side of the riser as the non-dominant hand. Place the VaneNock™ between the finger protectors, clicking it onto the string.
5. The bowstring is drawn with the dominant arm. Place the index finger tip on the top finger protector and two finger tips on the lower protector.
6. Bring the bow up to vertical. Tilt the bow slightly for a good line of sight down the arrow shaft, and so the arrow remains on the riser shelf. Right-handed archers will tilt the bow slightly to the right and the left-handed archers will tilt slightly to the left.
7. Make sure the arm holding the bow riser is bent slightly at your elbow (do not lock your elbow straight). This helps keep the string from hitting your forearm causing "string burn".
8. The eye should look down the arrow shaft to aim. Archers may want to keep both eyes open if the eye opposite the arrow shaft is dominant.
9. With the head facing the target, drawn the bow string across the chest, back to the jaw. Use the entire arm and not just the wrist. The arm holding the bow should be slightly bent to help prevent the string from impacting the forearm. The elbow of the dominant arm should be pulled back toward the ear. The elbow will be in line with or slightly above the arrow shaft. The target ball should be hovering slightly off center toward your dominant hand (above right for right handed archers, above left for left handed archers).
10. Release your fingers from the finger protectors and the arrow will take flight.



Videos on how to shoot are available at SafeArchery.com/howto

2.5 SHOOTING TIPS

HOW TO SHOOT YOUR BOW & ARROW



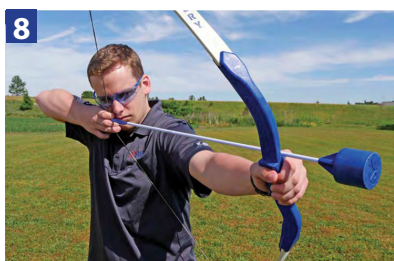
Aim so the target ball is hovering slightly above the foam tip of your arrow.



Release your grip on the string and let the arrow take flight.



Grip the bow with your non-dominant hand.



Pull back in a straight line so your elbow is behind you and fingers are near the corner of your mouth.



Your elbow should be slightly bent (not locked straight) to prevent string from impacting forearm.



Bring the bow up to vertical and tilt the bow slightly to help keep the arrow on the shelf.



*Right-handed shooter
(grip riser with left hand,
pull string with right hand)*

1 Stand at 90° angle from target with your feet square with your shoulders.



Turn the bow horizontal and place arrow on riser shelf closest to you.



Load the VaneNock™ between the no-glove finger protectors.



Grip the string on the no-glove finger protectors with your index finger above the arrow and next two fingers below the arrow.



Videos on how to shoot are available at **SafeArchery.com/howto**

2.6 TAKE DOWN

HOW TO DEFLATE THE HOVERBALL®

Deflate the Hoverball® Archery Target



All guests should be clear of Hoverball® Archery Target.
Remove all loose items left on the Hoverball® Archery Target such as arrows, balls, etc.



If applicable, remove stakes and/or weights securing the unit. You may need a clawhammer to remove stakes from hard ground. Also remove side panels.



Open the flap on the back vent, unzip and allow air to escape. Open the flap on the bottom vent and allow air to escape.



Turn off and unplug the blower.
Disconnect the blower from the inflatable.



Allow the inflatable to "collapse" on top of itself. Push the corners into the target area so the top of the Hoverball® remains horizontal. This will allow for easier packing.



Tuck the backdrop in as the Hoverball® collapses. This will make it easier to roll. You can push down on the ends to try and force air out of the vents more quickly.

Unstring and Disassemble Bows



Bend the bow and slide the top string loop down the top limb so it hangs loose. Remove the string from the bottom limb notch and slide the loop off the top limb so the string is removed completely from the bow.



Use one hand to firmly grip the riser, and the other hand to firmly grip a limb. Pull the limb and riser apart. Repeat for the remaining limb.

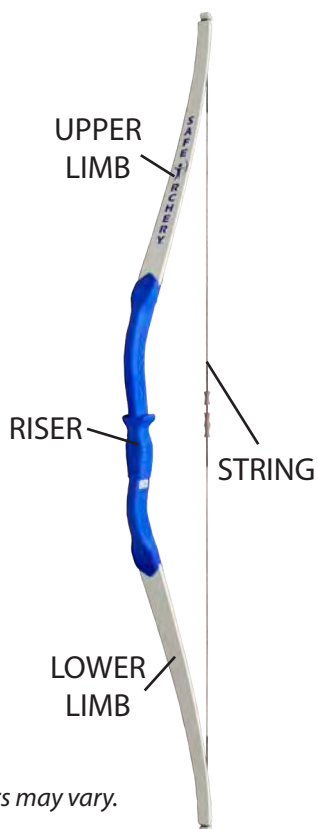


Place the limbs together and put the large loop of the string around the top notch of the limbs. Wrap the string around and down the limbs. When the string has about 5" remaining, tuck the bottom loop under the wound string.

Videos on how to operate and pack the Hoverball® Archery Target are available at [SafeArchery.com/howto](https://www.SafeArchery.com/howto)

2.7 BOW MAINTENANCE

HOW TO MAINTAIN YOUR BOWS



Colors may vary.

The bow consists of four major parts: Riser, Upper limb, Lower limb, and String. Each part requires its own specific care to keep it working well and looking good. Continued rough play may result in premature wear and tear on the bow.

Instructions for the care of S.A.F.E. Archery® bows:

-  Never fire a bow without an arrow. "Dry firing" causes the limbs to absorb the shock the arrow was designed to take and can damage the limbs.
-  Do not stand/lean bows against walls. Standing or leaning the bow can cause the limbs to warp. Instruct players to hold bows by riser and lay flat when not in use.
-  Clean your bows often. Bows can be cleaned with dish soap and water. Never use chemicals, alcohol, wipes or solvents to clean the bows.
-  Store your bows properly while not in use. The bow should be stored unstrung, disassembled, (or hung properly for short-term storage). They should be stored in a cool, dry place.
-  Avoid leaving and/or storing in extreme temperatures (especially heat and humidity).

Check the bows periodically for:

- Stress fractures, which are evident by discoloration
- Chips, as they will increase the chance of breaking
- Strings that are frayed, have broken strands, and/or loose (unraveled) serving (replace string if needed)

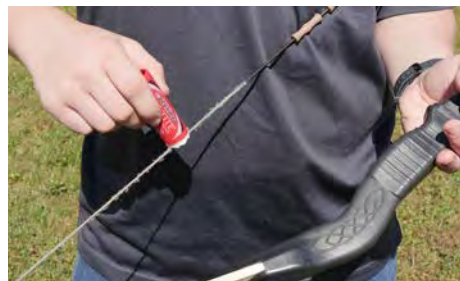
The finger protectors should be adjusted so that an arrow leaves the string at a 90-degree angle while seated on the string. There should be a slight gap between the finger protectors and the VaneNock™. Do not put the finger protectors touching the VaneNock™ or it may hinder the release of the arrow.



Examine your bow string. The bow string is a continuous loop and should not require adjustments. Strings should be waxed occasionally to help increase the life of the string. If your bow string starts to become frayed or fuzzy, it is time to wax. Purchase string wax at your local archery store.



Frayed string



Take a tube of string wax and turn it along the string in areas that don't have an outer coating.



Use your fingers to rub up and down on the string to help the wax coat the string.

2.8 ARROW MAINTENANCE

HOW TO MAINTAIN YOUR ARROWS



The patented “non-lethal” arrows consist of five major parts: The foam tip, blunt, shaft, vanes, and Safe Nock™. Some simple things to remember in the care of the non-lethal arrows are:

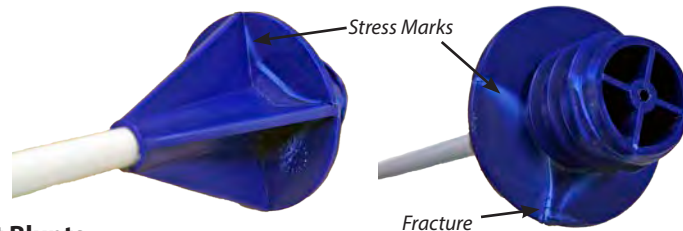


WHITE FOAM TIPS USED FOR ILLUSTRATION



Inspect Foam Tips

Foam tips should be inspected for wear. Old or heavily worn foam tips should be replaced immediately. Please contact us to purchase foam tips. Replace the tip by simply holding the blunt with one hand and turn the foam tip with the other hand.



Inspect Blunts

Blunts should be inspected for stress and fracture marks. Routinely check your arrows to make sure that the blunts are not loose. You can perform this simple test by twisting on the blunt (the plastic part) while pulling on the arrow shaft. The blunt should not come loose. If arrows are failing, please take them out of service IMMEDIATELY.

Inspect Shafts

Shafts should be inspected for fractures. Most visible fractures will be seen near the VaneNock™ end and blunt end of the arrow. Flex arrow slightly to check for fractures of the shaft inner wall.



VaneNocks™

VaneNocks™ should be checked to ensure they are properly seated in the arrow shaft and are not broken. If VaneNocks™ are coming off the arrow during firing, remove the arrow from use.

“NON-LETHAL ARROW” PROTECTED BY U.S. PATENTS #8,449,413 and #8,932,159
“COMBINED FLETCHING AND NOCK” PROTECTED BY U.S. PATENTS #D852,918
“HOVERBALL” PROTECTED BY U.S. PATENT #9,273,936

2.9 PACKING

HOW TO PACK THE HOVERBALL®



The key to packing is a good roll. This is accomplished by folding the material neatly into the middle of the Hoverball® Archery Target unit.

Start at the end opposite of the blower air portal. Fold the front side in, then fold the back side in so only the black underside is visible. Then start rolling toward the other end.



Continue to fold the front and back in, and roll toward the opposite end. Force air out of the Hoverball® towards the blower air portal. Roll as tightly as possible. Keep the roll lined up, tuck in any extra material, and do not allow any part of the roll to sag. Take your time and roll it tight. When finished, tuck in blower air portal.



Take the two straps and tie them around the rolled Hoverball®.



Pack the blower in the bottom (wheeled) end of the transport bag. Then pack the bow risers and limbs to one side. Place the metal stakes in the exterior zipper pocket on the top of the bag.



Place the Hoverball® on the opposite side from the bows. Leave as much space as possible on the bow side of the bag. Then pack the arrows. Then pack the accessories bag (balls, safety glasses, spare strings).



Place any extra accessories in the bag (arrow hamper, rolled side panels). Zip the bag (you will probably have to pinch the cover flap and side together to zip). Fasten the outer straps and tighten. Put the handles together and you are ready to transport.

3.1 EVENT GUIDELINES

SUGGESTIONS FOR RUNNING A SUCCESSFUL EVENT



Packing for an Event

Make sure your event location has an electrical outlet available for the Hoverball® blower. If you have multiple Hoverball® units, remember that each will need power. Create a packing checklist. Every packing list should include your entire Hoverball® set (bows, arrows, balls, inflatable, blower, and safety glasses). Additionally you may want to include these items:

- Release forms - some venues/insurance may require release forms.
- Proof of insurance - some venues require insurance to operate.
- Power extension cable.
- Outlet strip.
- Bottled water.
- Paper towels.
- Spray bottle with dish soap and water mix (to clean bows).
- Cleaning wipes for Hoverball®.
- Microfiber cloth to clean safety glasses.
- Notepad and pen(s).
- Hand sanitizer.
- Table & tablecloth (this might be provided by the venue).
- Breath mints.
- Clawhammer (to help put stakes in ground at outdoor events).
- Business cards/brochures - be ready to give your contact information to potential new customers.
- Tarp - to put under the Hoverball® if the area has rocks or isn't level.
- Arrow bin - a mesh pop-up clothes hamper works well.
- Power generator - if a power outlet is not available, you will need a generator and gasoline. The blower is 115v at 6 AMPs (domestic) or 230v at 3 AMPs (international).
- Wheeled cart/wagon to haul extra items.

CAUTION



Never use chemicals, alcohol, wipes or solvents to clean bows.
Only clean bows with water and dish soap.



Setting Up at the Event

Arrive early. It helps put your customer at ease and gives you plenty of time to setup and handle any issues that arise. If the event is outside on a windy day, make sure the back of the Hoverball® is facing the wind. Examine your equipment as you setup. Look for damaged bows, frayed strings, broken nocks or anything that presents a safety issue. Correct any safety issues before using the equipment.

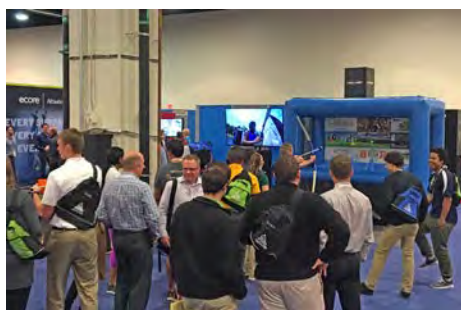
Running the Event

- We recommend you have 2 people at the event to keep things running as smoothly as possible and for relief if someone needs a break.
- Adult supervision is required at all times. Never leave the Hoverball® unattended.
- Encourage people to wear safety glasses! Often in the chaos of an event it's easy to ignore safety. Please wear them. It's better to be safe. Clean the safety glasses frequently. It's easier to shoot and helps prevent the spread of germs.
- Clean the bow riser frequently. Many hands will touch the bows. Keep them clean to help prevent the spread of germs.
- Practice good customer service! Smile, laugh, and enjoy the product you are offering. If you are having fun, the customer will have fun too.
- Participants must shoot at least 10 to 15 feet from the inflatable. Distance can be clearly marked by tape, cones or a table.

If someone needs coaching on how to shoot, refer to the shooting techniques in this manual and videos we have on SafeArchery.com.

Practice Good Customer Service

Engage with people! Ask how they are doing, are they having a good time etc. Encourage and affirm - cheer, clap, use phrases such as "you did great!", "awesome!" If you see someone struggling with the bow, ask "would you like some help with that?". Be proactive and be positive!



Running your own business can be an incredibly rewarding and sometimes a little scary. It can be difficult to come up with ideas for events and other potential business opportunities. Many of our customers have run successful events based on the following:



TV & Movie tie-ins

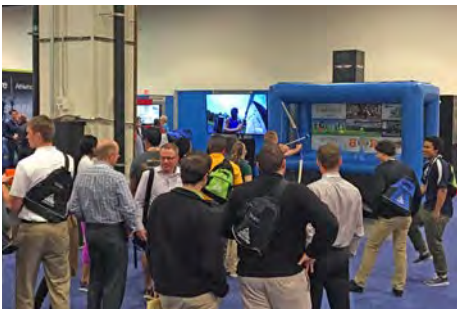
- Opening weekend for movies that feature archery is often an easy sell to the theater manager. Customers can shoot your Hoverball® while waiting for the next movie showing. Making a custom backdrop in the style of certain movies will also bring added attention. You could offer advertising space on a backdrop or side panels too.
- Movie theme nights are another potential opportunity. Churches, camps and other youth focused activities often host movie nights. Also look for sports teams that have theme/promotions - minor league baseball teams often have superhero or movie theme nights that can feature archery. Some public libraries host movie nights or TV premiere nights. Movies such as Hunger Games, The Lord of the Rings, Wonder Woman, Avengers or TV shows like Hawkeye (which features our S.A.F.E. Archer® Longbow), Arrow, Game of Thrones and The Walking Dead are examples that feature archery.
- Some people use their Hoverball® as an outdoor movie screen by projecting on a white backdrop - or turning the Hoverball® around and projecting on the back of a backdrop.

Weddings and Parties

- Weddings where the bride/groom are archery fans can be a great feature at the reception. How about instead of a “dollar dance” they have a “dollar shot”? A custom wedding backdrop will also bring a special touch to the festivities.
- Parties are a frequent use for the Hoverball®.
 - Birthday parties
 - Graduation parties
 - Grand openings for retail stores
 - Neighborhood subdivision annual cookouts, festivals etc.

Conventions, Festivals and Trade Shows

- Music festivals and concerts frequently allow or pay vendors to bring entertainment into the venues.
- Historical reenactments - festivals, holidays and other events are frequent sources of archery themes. Check your local library, park system, historical parks and battlefields for potential events.
- Conventions for comics, movies and media are ripe with archery themes. Look for a local comic book store and see if they have any conventions coming up in the area. They may even want to sponsor you for an event.
- Major and minor league sports are another great area to get business. Many football, baseball, basketball soccer and hockey teams are offering “activity zones” to keep fans in the stadium as an entertainment destination. Superhero and other theme nights are often a good match for archery.
- A Hoverball® can be used to attract guests to a trade show booth. Any vendor could have a custom backdrop in your Hoverball®. If they want to expand their mailing list they could give free shots to anyone filling out a form. They could also give away items for shooting a ball or make it a competition (see the section on additional games in this manual).



3.3 SHOOTING GAMES

OTHER GAMES FOR YOUR EVENT



Games for Your Event

The Hoverball® Archery Target is great for practice, games, team-building events, and just plain fun! There are many options to add another level of excitement to shooting this target. Below are some basic games (be sure to watch that it is a direct hit and not the result of an arrow bouncing back or a hit to the cone):

Speed Shooter (Rush)

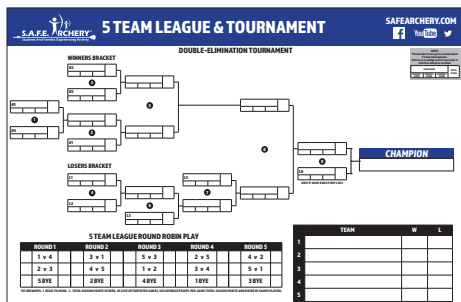
Use a timer to see how quickly someone is able to shoot down all four balls. Create a bracket and have a single elimination tournament. Generic brackets are included in the media kit. At a trade show or event, use a dry erase board and create daily standings with the fastest time of the day getting a prize.

Showdown (Bounty Hunter)

Have two shooters at the same time and give a point to the players according to the number of balls they shoot down. See how many balls a player is able to shoot down with four (4) arrows and apply number to the individual or team score.

Up-N-Down (Team Ladder)

Set up a board with a ladder for rounds in a game. Count how many arrows it takes for the archer to knock down all four (4) balls. If you are using this as part of a larger event, state that the team cannot move on until each member shoots down all four balls (like a relay) OR receives a penalty if they are unable to accomplish within a set time limit.



Tournament and league brackets are available on the media kit disc.



H-O-R-S-E

For two or more shooters. The first shooter invents a shot. Pick the location, shoot opposite handed, or set a time limit to hit all 4 balls.

The second shooter now has to recreate the shot based on the first shooters rules. If the first shooter did not make the shot the second shooter sets the rules for the next shot.

If a shooter misses the shot they are required to make, they gain a letter. First one to spell H-O-R-S-E loses.

Zombie Slayer (with Zombie backdrop)

Put flashing lights in the Hoverball® target area. This is great for low lighting or night events.



Poker (with Poker backdrop)

Each player gets 5 shots. The backdrop has 52 cards plus jokers. The round will be based on the scoring of 5-card stud poker. Each player shoots to determine his hand. The poker hand scoring will be determined by the official poker rules according to Hoyle.

Best hand wins.

Archery Themed Team Names

Aerial Assault
Almost Lethal
Archangels
Arrowheads
Arrowstotle
Bad Bow Benders
Bad to the Bow

Barely Lethal
Bowfreaks
Bull's-eye Brothers
Dead Center
Hearts of Archness
Hit or Miss
Kiss My Quiver

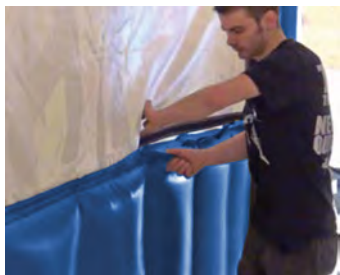
Let 'Er Fly
Missed by A Mile
Recurve Rejects
Shootin Blanks
Straight Shooters
Team 10 Ring

3.4 CUSTOM BACKDROPS & SIDE PANELS

HOW TO INSTALL A CUSTOM BACKDROP AND SIDE PANELS

How to Install a Custom Backdrop & Side Panels

We designed the Hoverball to easily adapt to your needs for various events. Custom backdrops are a great way to showcase your business or create additional advertising revenue. Replacing the backdrop is an easy process when you follow these steps:



Inflate the Hoverball®. Move behind the Hoverball® and in the back right bottom corner, begin separating the backdrop Velcro strip from the Hoverball® Velcro strip.



Move down the length of the backdrop separating the Velcro as you go. Using a steady motion, continue up the side.



Continue to steadily pull and separate the Velcro along the top and down the side until the backdrop is completely separated from the Hoverball®.



Roll up the old backdrop and store it in a safe place. Lean the Hoverball® back against a wall so you can easily reach the top of the Velcro.



Unroll your new backdrop. Stand in the opening for the backdrop facing the back of the Hoverball®.



On your left, start placing the new backdrop in the upper left corner.



Continue pressing the Velcro strips together down the length of the top. Then continue pressing the Velcro together down the right side.



Move to the left side and beginning in the upper left corner start pressing the Velcro together down the left side.



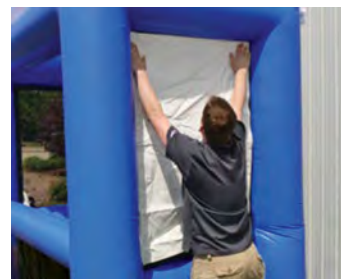
Move to the middle of the backdrop and facing the front, move the Hoverball® so it stands upright as normal. Duck under the backdrop so you are fully behind the backdrop.



Make sure the top, left and right Velcro strips are completely together. Move to the back left.



Take the Hoverball® bottom Velcro flap in your left hand, and the backdrop Velcro strip in your right hand. Gently but firmly pull and place the two Velcro strips together down the length of the backdrop.



To install a side panel, simply unroll and place the side panel on the Velcro strips. Press on the borders all the way around the side panels.

Videos on how to install backdrops and side panels are available at SafeArchery.com/howto

3.5 F.A.Q.

FREQUENTLY ASKED QUESTIONS



How much should I charge to put on an event?

Event prices vary from city to city. Typically owners who are taking the Hoverball® Archery Target to an event will charge in one of three methods:

- Pay-per-shot (charge shooters directly) - Charge shooters \$1 for 3 shots. This has some financial risk for you since you have no control over the number of visitors and you will have to handle money transactions in addition to setting up balls and retrieving arrows.
- Hourly Rate (charge venue/event by the hour and visitors shoot for free) - this provides the most flexibility for you and the venue. You can set your rate with a 2 hour minimum and additional time at a different rate. This way keeps the venue cost risk to a minimum and if it's wildly popular your rate can adjust.
- Event Rate (charge single price, visitors shoot for free) - Set your price for the entire event. You get your money before the event and typically know your set hours of operation. It's the least hassle for everyone.

As with all businesses, know your overhead (cost of workers and equipment), how much your time is worth and how much money you need to be profitable. Charity events are great exposure and it's wonderful to help people, but keep in mind that you have to pay your bills to stay in business.

How much should I charge to rent a Hoverball®?

Rental prices vary from city to city. Typically rental businesses charge the same price as a "bounce house" and similar inflatables.

Why don't our bows look like the ones in the manual?

Use only S.A.F.E. Archery® longbows. If you have S.A.F.E. Archery® recurve bows (see photo), please replace them with S.A.F.E. Archery® longbows as soon as possible. The S.A.F.E. Archery® recurve bows are no longer under warranty and should be removed from service. Some special longbows and arrows may have different colors and/or may be branded as Highland Archery™ or Byron Ferguson Legend Series™. These bows are manufactured by Global Archery Products and meet the safety specifications for S.A.F.E. Archery® equipment. They can be used with the same procedures as the S.A.F.E. Archery® longbows.

S.A.F.E. Archery® recurve bows have slotted limb shelf with hex bolts that tighten. These bows are out of warranty. Please discontinue use.



Can I use my hunting bow with the Hoverball®?

No. It is extremely dangerous to use other bows with the Hoverball®. Only use S.A.F.E. Archery® bows. S.A.F.E. Archery® bows were designed with specific draw weight and safety features to let all ages and skill levels enjoy archery. Other bows may damage the Hoverball® and cause serious injury.

How do I get additional bows and other merchandise?

Visit SafeArchery.com or contact us at info@safearchery.com or 855-694-6784.

4.1 MEDIA KIT

HOW TO USE THE MEDIA KIT

Media Kit Use

The S.A.F.E. Archery® Media Kit will be emailed to you with every Hoverball® purchase. If you have not received one please contact us.

The Media Kit includes:

- Documents - manuals and forms
- Photos - equipment and players
- Videos - promotional and tutorials

Software Suggestions

The most commonly used professional software for photo editing and creating posters/flyers is the Adobe Creative Suite - which includes Photoshop, Illustrator, InDesign, Acrobat and many other programs. However it is expensive - anywhere from \$20 to over \$50 per month via their subscription plans. There are alternatives that are less expensive (or free) and don't require a subscription.



Free Software

If you are just starting a business, free software can be a way to save a lot of money but still get professional looking results.

Training

For training, we often use Lynda.com. They have excellent training videos for most popular software packages and also offer videos for general skills training such as photography and accounting. YouTube is another great (and free) resource for training videos.

Image editing comes in two types: bitmap and vector. It's probably easiest to consider bitmaps as photos and vectors as drawings.

For editing **bitmap** (raster) images (.JPG, .PNG, .TIF, .PSD), Adobe Photoshop is the standard, but they also have a basic program called Photoshop Elements for \$100 or less. There are a lot of other options including Corel PhotoPaint, Microsoft Paint (typically comes free with Windows), ACDSee, etc. Another free alternative is a program called GIMP (GNU Image Manipulation Program) which you can download at gimp.org.

For editing **vector** images (.AI, .EPS, .CDR, .SVG), Adobe Illustrator and CorelDraw are the most common. A free alternative is Inkscape which can be downloaded at inkscape.org.

Desktop Publishing (document layout) programs are used to create brochures, posters, flyers and other print media. There are many software options. You can use an image editing program like Photoshop to create single page flyers and posters, but multi-page documents are best created in a document layout program. Professionals typically use Adobe InDesign or Quark Express. A free alternative is Scribus that can be downloaded at scribus.net.

Others enjoy easier programs such as Microsoft Publisher.

You may be able to use your word processing program to do some basic layouts as well. Microsoft Word, Corel WordPerfect, and free alternatives such as Libre Office (libreoffice.org) offer a good selection of templates for basic designs.

Video editing requires a fairly powerful computer with lots of hard drive space. There are many programs available to edit video. Professionals use Adobe Premiere or Apple Final Cut. Some less expensive options include Sony Vegas, Cyberlink PowerDirector, Adobe Premiere Elements, and many others. There are many mobile options for iOS and Android as well.

Reminder:

These are just suggestions. We haven't used all of these programs so can't say one program is better than any other. However the "industry standard" is widely considered to be the Adobe Creative Suite of products, which is what we use. Always check your computer specifications to make sure you can run software before buying or downloading. Always use anti-virus software on your computer.

4.2 LOGO & TRADEMARK USE

HOW TO USE THE LOGO



PANTONE®	CMYK	RGB	HEX
	C 0 M 0 Y 0 K 100	R 0 G 0 B 0	#000000
Black			

PANTONE®	CMYK	RGB	HEX
	C 70 M 15 Y 0 K 0	R 39 G 170 B 225	#27AAE1
298			



TM



Logo Elements Explained

The S.A.F.E. Archery® logo is made up of 4 separate elements:

The Parent & Child Archers

The archers symbolize the family friendly nature of S.A.F.E. Archery® products. It also serves as a visual reference to the slogan "Archery for Anyone, Anywhere."

The S.A.F.E. Archery Arrow

The arrow is a direct trace of a S.A.F.E. Archery® arrow illustrating the patented "non-lethal" arrow technology used in every S.A.F.E. Archery® product.

The Logotype

The name S.A.F.E. Archery® in the Eras Ultra ITC typeface used within the logo.

The Colors

The combination of colors was specifically chosen for the S.A.F.E. Archery logo. The black and medium blue colors signify calm, trust, dependability and tradition.

All the above elements have been designed specifically for the logo and must not be altered in any way. This includes the positioning and/or alteration of the fixed elements within the logo.

The S.A.F.E. Archery® logo and colors should never be altered in any way.

Acceptable Variations

Sometimes the official S.A.F.E. Archery® color logo may be impractical for certain applications. Instead, the one color logo can be used in either black or white (reversed) versions.

The Copyright Notice

The copyright notice should accompany all artwork, packaging and written materials that feature S.A.F.E. Archery® branding. The notice should be permanently attached, visible and clearly legible.

All goods bearing the S.A.F.E. Archery® brand should have the copyright line:

© 2017 Global Archery Products, Inc., All Rights Reserved.

For any publications that will be distributed, include the appropriate ™ or ® symbol on all uses and the appropriate trademark attribution notice at the end of the document. For example:

S.A.F.E. Archery® is a trademark of Global Archery Products, Inc. registered in the U.S. and other countries.

