
**WHEELCHAIR AND AMBULATORY SPORTS USA
2015 OFFICIAL RULES, RECORDS & QUALIFYING STANDARDS**

ARCHERY

Archery competitions sanctioned by WASUSA are conducted in accordance with World Archery (WA) rules except those that are clearly outlined within this rulebook.

The WA rulebook is available through USA Archery (teamusa.org) or World Archery (worldarchery.org)

USA ARCHERY
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WHEELCHAIR and AMBULATORY SPORTS, USA

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1. TARGET ARCHERY

1.1. Wheelchair target archery is conducted in accordance with World Archery (WA) rules. To be thoroughly versed in wheelchair target archery, one should be familiar with this section of the Wheelchair and Ambulatory Sports, USA Rulebook as well as the WA Rulebook available through the USA Archery or World Archery. The following are some of the rules governing equipment that may be used in wheelchair competition. (The WA dress code will not be enforced but is highly encouraged)

1.2 WASUSA recognizes the following Adult and Junior Divisions:

- Recurve Division
- Compound Division

1.3. Classes:

Each of the Divisions identified above have the following classes:

A. ADULT (*ages 23 and up for WASUSA sanctioned events*)

World Archery recognizes the following classes for para-athletes in the bow divisions:

Recurve:

Individual:

- Women W1
- Men W1
- Women W2
- Men W2
- Women Standing
- Men Standing

Team:

- Women Open
- Men Open
- Women W1
- Men W1

Equipment rules are the same as World Archery Rules except for the possible use of a release aid as set out in Article 21.6.7. (November 2010 Council meeting banning release aids for recurve, effective 1 Jan 2013.) except W1 athletes who may use a release aid in recurve at WASUSA sanctioned events.

Compound:

Individual:

- Women Open
- Men Open
- Women W1
- Men W1

Team:

- Women Open
- Men Open
- Women W1
- Men W1

Equipment rules are the same as World Archery Rules, with the following exceptions for the Compound W1 Class:

- The peak draw weight of the bow is 45lbs for men and 35lbs for women;
- No peep sights or scope sights are allowed.

(W1 Compound Class may use a peep sight and scope sight at WASUSA sanctioned events)

B. JUNIORS (ages 7 to 22 for WASUSA sanctioned events)

Juniors shall compete based upon gender, age division, bow division and classification

Classes:

- W1 (formerly AR1 Quadriplegia) / Compound or Recurve
- W1 Bowstand / Compound or Recurve (*WASUSA ONLY*)
- W2 (formerly AR2 Paraplegia) / Compound or Recurve
- W2 Bowstand / Compound or Recurve (*WASUSA ONLY*)
- Standing (formerly AR3 Standing)
- Standing Bowstand / Compound or Recurve (*WASUSA ONLY*)

Age Divisions:

Adapted from USA Archery J.O.A.D. (Junior Olympic Archery Development) except Young Adult which is a WASUSA age division)

- Young Adult – Through the year of their 22 birthday
- Junior – Through the year of their 20th birthday
- Cadet – Through the year of their 17th birthday
- Cub – Through the year of their 14th birthday
- Bowmen – Through the year of their 12th birthday
- Yeoman – Through the year of their 7th to 9th birthday

1.1. Competitors are grouped according to bow division and class at each competition.

1.2. Separate events for junior nationals and adults nationals can be recognized.

2. COMPETITOR'S EQUIPMENT GENERAL REGULATIONS

RECURVE

2.1 For the Recurve Division, the following items are permitted:

2.1.1. A bow of any type provided it complies with the common meaning of the word "bow" as used in target archery, that is, an instrument consisting of a handle (grip), riser (no shoot-through type) and two flexible limbs each ending in a tip with a string nock. The bow is braced for use by a single string attached directly between the two string nocks, and in operation is held in one hand by its handle (grip) while the fingers of the other hand draw and release the string.

2.1.1.1. Multi-coloured bow risers and trademarks located on the inside of the upper and lower limb or on the riser are permitted.

2.1.1.2. Risers including a brace are permitted provided the brace does not consistently touch the athlete's hand or wrist.

2.1.2. A bowstring of any number of strands.

2.1.2.1. Which may be of different colours and of the material chosen for the purpose. It may have a centre serving to accommodate the drawing fingers, a nocking point to which may be added serving(s) to fit the arrow nock as necessary, and, to locate this point, one or two nock locators may be positioned. At each end of the bowstring there is a loop which is placed in the string nocks of the bow when braced. In addition on attachment is permitted on the string to serve as a lip or nose mark. The serving on the string shall not end within the athlete's vision at full draw. The bowstring shall not in any way assist aiming through the use of a peephole, marking, or any other means.

2.1.3. An arrow rest, which can be adjustable.

2.1.3.1. Any moveable pressure button, pressure point or arrow plate may be used on the bow provided they are not electric or electronic and do not

offer any additional aid in aiming. The pressure point may not be placed any further back than 4cm (inside) from the throat of the handle (pivot point) of the bow.

- 2.1.4. One draw check indicator, audible and/or visual may be used provided it is not electric or electronic.
- 2.1.5. A bow sight is permitted, but at no time may more than one such device be used.
 - 2.1.5.1. It shall not incorporate a prism, lens, or any other magnifying device, leveling, electric or electronic devices nor shall it provide for more than one sighting point.
 - 2.1.5.2. The overall length of the sighting circle or point (tunnel, tube, sighting pin or other corresponding extended component) shall not exceed 2cm in the line of vision of the athlete.
 - 2.1.5.3. A sight may be attached to the bow for the purpose of aiming and which may allow for windage adjustment as well as an elevation setting. It is subject to the following provisions:
 - A bow sight extension is permitted;
 - A plate or tape with distance marking may be mounted on the sight as a guide for marking, but shall not in any way offer any additional aid;
 - The sight point may be a fiber optic sight pin. The total length of the fiber optic pin may exceed 2cm, provided that one end is attached outside the athlete's line of vision at full draw, while the part within the athlete's line of vision does not exceed 2cm in a straight line before bending. It can only provide one illuminated aiming spot at full draw.

The fiber optic pin is measured independently of the tunnel.
- 2.1.6. Stabilizers and torque flight compensators on the bow are permitted.
 - 2.1.6.1. They may not:
 - Serve as a string guide;
 - Touch anything but the bow;
 - Represent any danger or obstruction to other athletes.
- 2.1.7. Arrows of any type may be used provided they comply with the common meaning of the word "arrow" as used in target archery, and do not cause damage to target faces or butts.
 - 2.1.7.1. An arrow consists of a shaft with a tip (point), nocks, fletching and, if desired, cresting. The maximum diameter of arrow shafts shall not exceed 9.3mm (arrow wraps shall not be considered as part of this limitation as long they do not extend further than 22cm toward the point of the arrow when measured from the throat - nock hole where the string sits - of the nock to the end of the wrap); the tips (points) for these arrows may have a maximum diameter of 9.4mm. All arrows of every athlete shall be marked with the athlete's name or initials on the shaft. All arrows used in any end shall be identical and shall carry the same pattern and color(s) of fletching, nock and cresting, if any. Tracer nocks (electrically/electronically lighted arrow nocks) are not allowed.
- 2.1.8. Finger protection in the form of finger stalls or tips, gloves, or shooting tab or tape, to draw and release the string is permitted, provided they do not incorporate any device that shall assist the athlete to draw and release the string.
 - 2.1.8.1. A separator between the fingers to prevent pinching the arrow may be used. An anchor plate or similar device attached to the finger protection (tab) for the purpose of anchoring is permitted. On the bow hand an

ordinary glove, mitten or similar item may be worn but shall not be attached to the grip of the bow.

- 2.1.9. Field glasses, telescopes and other visual aids may be used for spotting arrows:
 - 2.1.9.1. Provided they do not represent any obstruction to other athletes.
 - 2.1.9.2. Scopes shall be adjusted so the highest portion of the scope is no higher than the armpit of the athletes.
 - 2.1.9.3. Prescription spectacles, shooting spectacles and sunglasses may be used. None of these may be fitted with micro-hole lenses, or similar devices, nor may they be marked in any way that can assist in aiming.
 - 2.1.9.4. Should the athlete need to cover the spectacle glass of the non-sighting eye, then it shall be fully covered or taped, or an eye patch may be used.
- 2.1.10. Accessories are permitted:
 - 2.1.10.1. Including arm guard, chest protector, bow sling and belt or ground quiver. Foot markers may not protrude more than 1cm from the ground. Devices to raise a foot or part thereof, attached or independent of the shoe, are permitted provided that the devices do not present an obstruction to other athletes at the shooting line position or protrude more than 2cm past the footprint of the shoe. Also permitted are limb savers. Wind indicators (non-electric or non-electronic) may be attached to the equipment used on the shooting line (e.g. light ribbons) electronic wind indicators may be used behind the waiting line.
- 2.1.11. BOWSTAND (Juniors Only) - This division allows the archer to use a device to hold the bow. The archers' disability leaves them with functional use of only one side of their body or archers must **not** have the physical function to hold the bow in an extended and stable position. The bow device must hold the bow vertical to the target. A recurved or compound bow may be used. Compound Bow Division rules apply. This division is only allowed in a Junior Division at a WSUSA event.
- 2.1.12. Archery officials will be assessing all equipment to ensure they subscribe to accepted principle.

COMPOUND

- 2.2. For the Compound Bow Division, the following equipment is described. All types of additional devices are permitted, unless they are electric, electronic, compromise safety or create unfair disturbance to other athletes.
 - 2.2.1. A Compound bow, which may be of a shoot-through type riser, where the draw is mechanically varied by a system of pulleys and/or cams. The bow is braced for use by bowstring(s) attached directly to the cams, string nocks of the bow limbs, cables or by other means as may be applicable to the design.
 - 2.2.1.1. The peak draw weight shall not exceed 60 lbs.
 - 2.2.1.2. Cable guards are permitted
 - 2.2.1.3. A brace or split cables are permitted, provided they do not consistently touch the athlete's hand, wrist or bow arm.
 - 2.2.2. A bowsring of any type which may include multiple servings to accommodate nocking points and include other attachments such as a lip or nose make, a peep-hole, a peep-hole hold-in-line device, loop bowstring, etc.
 - 2.2.3. The pressure point of the arrow rest which can be adjustable shall be placed no further back than 6cm (inside) from the throat of the handle (pivot point of the bow).
 - 2.2.4. Draw check indicators, audible and/or visual may be used.

2.2.5. A bowsight attached to the bow.

2.2.5.1. Which may allow for windage adjustment as well as elevation setting and, which may also incorporate a leveling device, and may incorporate magnifying lenses and/or prisms.

2.2.5.2. The sight point may be a fiber optic sight pin and/or a chemical glowstick. The glowstick will be encased as not to disturb other athletes.

2.2.6. A release aid may be used provided it is not attached in any way to bow. Any type of finger protection may be used.

2.2.7. Stabilizers and torque flight compensators on the bow are permitted.

2.2.7.1. They may not:

- Touch anything but the bow;
- Represent any danger or obstruction to other athletes.

2.2.7.2. Arrows of any type may be used provided they comply with the common meaning of the word "arrow" as used in target archery, and do not cause damage to target faces or butts.

2.2.7.2.1. An arrow consists of a shaft with a tip (point), nocks, fletching and, if desired, cresting. The maximum diameter of arrow shafts shall not exceed 9.3mm (arrow wraps shall not be considered as part of this limitation as long they do not extend further than 22cm toward the point of the arrow when measured from the throat - nock hole where the string sits - of the nock to the end of the wrap); the tips (points) for these arrows may have a maximum diameter of 9.4mm. All arrows of every athlete shall be marked with the athlete's name or initials on the shaft. All arrows used in any end shall be identical and shall carry the same pattern and colour(s) of fletching, nocks and cresting, if any. Tracer nocks (electrically/electronically lighted arrow nocks) are not allowed.

2.2.8. Finger protection in the form of finger stalls or tips, gloves, or shooting tab or tape, to draw and release the string is permitted, provided they do not incorporate any device that shall assist the athlete to draw and release the string.

2.2.8.1. A separator between the fingers to prevent pinching the arrow may be used. An anchor plate or similar device attached to the finger protection (tab) for the purpose of anchoring is permitted. On the bow hand an ordinary glove, mitten or similar item may be worn but shall not be attached to the grip of the bow.

2.2.9. Field glasses, telescopes and other visual aids may be used for spotting arrows:

2.2.9.1. Provided they do not represent any obstruction to other athletes.

2.2.9.2. Scopes shall be adjusted so the highest portion of the scope is no higher than the armpit of the athletes.

2.2.9.3. Prescription spectacles, shooting spectacles and sunglasses may be used. None of these may be fitted with micro-hole lenses, or similar devices, nor may they be marked in any way that can assist in aiming.

2.2.9.4. Should the athlete need to cover the spectacle glass of the non-sighting eye, then it shall be fully covered or taped, or an eye patch may be used.

2.2.10. Accessories are permitted:

2.2.10.1. Including arm guard, chest protector, bow sling and belt or ground

quiver. Foot markers may not protrude more than 1cm from the ground. Devices to raise a foot or part thereof, attached or independent of the shoe, are permitted provided that the devices do not present an obstruction to other athletes at the shooting line position or protrude more than 2cm past the footprint of the shoe. Also permitted are limb savers. Wind indicators (non-electric or non-electronic) may be attached to the equipment used on the shooting line (e.g. light ribbons) electronic wind indicators may be used behind the waiting line.

2.2.11 BOWSTAND (Juniors Only) - This division allows the archer to use a device to hold the bow. The archers' disability leaves them with functional use of only one side of their body or archers must not have the physical function to hold the bow in an extended and stable position. The bow device must hold the bow vertical to the target. A recurved or compound bow may be used. Compound Bow Division rules apply. This division is only allowed in a Junior Division at a WASUSA event.

2.3 For athlete's of both divisions the following equipment is not permitted:

2.3.1 Any electronic or electrical device that can be attached to the athlete's equipment.

2.3.2 Any electronic communication device, headsets or noise reduction devices in front of the waiting line.

3 CLASSIFICATION – *(All archers who compete at a sanctioned regional or national WASUSA archery event shall be Classified as per 3.2 below. Archers who have not yet been classified shall be allowed to compete, but the scores cannot count for ranking, records or obtaining any titles. Adult archers may compete in a WASUSA Recreational Round -No Records without being classified.)*

3.1. CLASSES

3.1.1. W1 - Defined as tetraplegic archers in a wheelchair. The archer with upper cervical lesions, with triceps not functional against resistance (i.e. test grades 0-3) and the archer with lower cervical lesions, with good normal triceps power (i.e. test grades 4-5), wrist extensors and flexors, but having no fingers flexors or extensors of functional value (i.e. below grade 3 on the muscle test scale), may use a release, compound or recurved bow, strapping and body support. All W1 archers are allowed to use a compound or recurved bow; a release or finger or any combination of the above. The equipment will be standard WA equipment rules with the exception of the addition of the release and compound bow.

3.1.2. W2 - An open class for wheelchair archers. The archers use equipment according to WA rules.

3.1.3. Standing - A standing division for disabled archers who are in the CP or amputee and are not classified as W1 or W2.

3.2. Classifiers

3.2.1. National and when available at Regional events – Athletes with a physical disability are assessed by a panel of at least one (1) national classifier. The classifier shall allocate a National class to each athlete and issue a National classification card showing the class and assistive devices the athlete is allowed to use.

3.2.2. International – same as 3.2.1 with the exception that the panel must consist of two (2) international classifiers.

3.3. Classification cards

- 3.3.1. All athletes are required to have a current classification card which shall be shown to the judges at equipment inspection. This enables the Judges to check any assistive devices when checking the athlete's other equipment. Athletes without a classification, because they do not meet the criteria, are not permitted to compete in a category for athletes with a disability.

3.4. Assistive Devices (*Wheelchair requirements, 3.4.2 will not be enforced at any local, regional or national WASUSA sanctioned event in the Adult and Junior Divisions. It should be noted that any athlete who wishes to compete internationally or other in tournaments outside of WASUSA control be aware of these rules as they could be enforced as per World Archery rules.*)

- 3.4.1. Assistive devices are only allowed if they have been permitted by an national or international classifier and included on the athlete's classification card. Assistive devices include the following:

3.4.2. Wheelchair:

- A wheelchair of any type may be used provided it subscribes to the accepted principle and meaning of the word "wheelchair";
- No part of the wheelchair may support the bow arm while shooting;

For W2 athletes, the sides of the back support of the chair may not be further forward than half the width of the archer's body at each side. (see image 2: Wheelchair archer)

- All parts of the chair shall be at least 110mm below the athlete's armpit while shooting at any distance;
- The body support protruding forward from the main vertical frame of the chair back shall not be longer than 100mm and shall be at least 110mm below the athlete's armpit;
- The wheelchair shall not exceed 1.25m in length.

3.4.3. Chair or stool:

A chair of any type may be used provided it subscribes to the accepted principle and meaning of the word chair.

- No part of the chair may support the bow arm while shooting;
- No part of the chair may be in contact with the trunk of the athlete. (This means the athlete cannot lean against the back of the chair);
- The area of contact with the ground, framed by the legs of the chair and the feet of the athlete shall not exceed the width of 60cm x 80cm along the shooting line.

3.4.4. Block:

Athletes with legs of different lengths may use a raised platform of any substance under 1 foot – or as a part of the shoe – in order to be more stable when standing. Limitations in size and position are similar to the devices described in Article 11.1.10.1. .

3.4.5. Permitted Body support:

- Only W1 athletes are allowed to use both a protrusion and strapping at the same time. They may use any amount of body support/strapping to maintain body stability as long as no support is given to the bow arm while shooting.
- W2 athletes, when their national or international classification card allows strapping, may have only a single strap around the chest;
- For some wheelchair athletes, leg strapping may be authorized as specified on their national or international classification card.

3.4.6. Prosthesis:

- A prosthetic arm including a “hand” may be used and may be attached to the bow provided that the attachment is not totally rigid nor permanently fixed.

3.4.7. Release aid:

- Athletes with disabilities in the fingers of the string hand are allowed to use a mechanical release aid with a recurve bow;

(November 2010 Council meeting banning release aids for recurve, effective 1 Jan 2013.)

NOTE: Release aids are allowed for W1 recurve at WASUSA sanctioned events.

- Any release aid may be attached to the wrist, elbow or shoulder, or held in the mouth.

3.4.8. Bow bandage:

Athletes with a bow arm disability may use the bow tied or bandaged to the hand provided that it is not totally rigid nor permanently fixed.

3.4.9. Bow arm splint:

Athletes with a bow arm disability may use an elbow or wrist splint.

3.4.10. String arm wrist splint:

Athletes with a string arm disability may use a wrist splint.

3.4.11. Assistant:

W1 athletes unable to nock their arrows may have a person to load the arrows onto the bow. These persons may give the athletes any verbal or other assistance, especially regarding the spotting of arrows, and adjusting the bow sight. These persons shall not disturb other athletes. The athlete and assistant shall be recognisable as

partners

wearing the same uniform and, where athlete

numbers are worn, they

shall wear the same number.

4 TARGET ARCHERY EVENTS ADULTS

Single archery rounds may be shot at qualifying events.

4.1 FITA Round

At Outdoor Target Championships, the Tournament Field may be used by the competitors for practice on all the days of the competition at times arranged by the Organizers.

However, all practice must cease fifteen (15) minutes before competition starts.

For distances of 90, 70, and 60 meters, the Target Face of 122cm shall be used. For the distances of 50 and 30 meters, the Target Face of 80cm shall be used.

FEMALE

6 ends (36 arrows) 70 m

6 ends (36 arrows) 60 m

6 ends (36 arrows) 50 m

6 ends (36 arrows) 30 m

CLASS W1 MALE

6 ends (36 arrows) 70 m

6 ends (36 arrows) 60 m

6 ends (36 arrows) 50 m

6 ends (36 arrows) 30 m

CLASS W2 MALE

6 ends (36 arrows) 90 m

6 ends (36 arrows) 70 m

6 ends (36 arrows) 50 m

6 ends (36 arrows) 30 m

NOTE: FITA rounds will be shot over a period of two consecutive days at the National Wheelchair Games.

4.2 WASUSA Adult Round Records – All Classes, Divisions and Gender

(Requires a current National or International Classification and Card)

6 ends (36 arrows) 50 m - (122cm target face)

6 ends (36 arrows) 30 m - (80cm target face)

- 4.3 WASUSA Adult Recreational Round (No Records) – All Classes, Divisions and Gender
(A National or International Classification or Card is NOT required to shoot in this Round)
6 ends (36 arrows) 50 m – (122cm target face)
6 ends (36 arrows) 30 m – (122cm target face)

5. WHEELCHAIR AND AMBULATORY SPORTS, USA - JUNIOR ROUNDS

- 5.1. Yeoman (through the year of their 7th birthday through the year of their 9th birthday)
15 meters 36 arrows 122 cm Target Face
10 meters 36 arrows 80 cm Target Face
- 5.2. Bowmen (through the year of their 12th birthday)
20 meters 36 arrows 122 cm Target Face
15 meters 36 arrows 80 cm Target Face
- 5.3. Cub (through the year of their 14th birthday)
30 meters 36 arrows 122 cm Target Face
20 meters 36 arrows 80 cm Target Face
- 5.4. Cadet (through the year of their 17th birthday)
40 meters 36 arrows 122 cm Target Face
30 meters 36 arrows 80 cm Target Face
- 5.5. Junior (through the year of their 20th birthday)
50 meters 36 arrows 122 cm Target Face
30 meters 36 arrows 80 cm Target Face
- 5.6. Young Adult (through the year of their 22nd birthday)
60 meters 36 arrows 122 cm target face
40 meters 36 arrows 80 cm target face

6. JUNIOR CLASSES:

Juniors will shoot based upon gender, age division, classification, and type of equipment.

W1 COMPOUND: Archers using a compound bow in sitting.

W1 RECURVE: Archers using recurve bow in sitting.

W1 COMPOUND BOWSTAND: Archers using a compound bow in sitting but need a device to hold the bow. Archers must **not** have the physical function to hold the bow in an extended and stable position.

W1 RECURVE BOWSTAND: Archers using a recurve bow in sitting but need a device to hold the bow. Archers must **not** have the physical function to hold the bow in an extended and stable position.

W2 COMPOUND: Archers using a compound bow shooting, sitting.

W2 RECURVE: Archers using a recurve bow shooting with fingers, sitting.

W2 COMPOUND BOWSTAND: Archers using a compound bow in sitting but need a device to hold the bow. Archers must **not** have the physical function to hold the bow in an extended and stable position.

W2 RECURVE BOWSTAND: Archers using a recurve bow in sitting but need a device to hold the bow. Archers must **not** have the physical function to hold the bow in an extended and stable position.

STANDING COMPOUND: Archers using a compound bow shooting, standing.

STANDING RECURVE: Archers using a recurve bow shooting, standing.

STANDING COMPOUND BOWSTAND: Archers using a compound bow in standing but need a device to hold the bow. Archers must **not** have the physical function to hold the bow in an extended and stable position.

STANDING RECURVE BOWSTAND: Archers using a recurve bow fingers in standing but need a device to hold the bow. Archers must **not** have the physical function to hold the bow in an extended and stable position.

7. JUNIOR RECORDS

- 7.1. WASUSA Junior National Records can only be established at the National Junior Disability Championships. Junior National record applications are to be made on Junior National Record Application forms as provided by the National Office. The original is to be forwarded to the National Office with copies to the designated Archery NGB representative and the Junior Statistician. Applications must be complete. Applicants must be members of WASUSA and USA Archery at the time of the performance.
- 7.2. To be eligible to compete in archery at the National Junior Disability Championships, a competitor must shoot a score equal to or higher than the published qualifying standard at least one sanctioned qualifying meet. Junior athletes have from August 1 until the National Junior Disability Championships registration deadline to meet the qualifying standards.

8. JUNIOR DIVISIONS AND QUALIFYING STANDARDS

- 8.1 An archer may qualify for WASUSA Nationals by shooting the required qualifying score at a USA Archery registered FITA Tournament. The archer must submit his scorecard from the USAA Tournament to the WASUSA Office and one copy to the National Office, Wheelchair and Ambulatory Sports, USA, P.O. Box 5266, Kendall Park, NJ 08824-5266

	Yeoman	Bowmen	Cub	Cadet	Junior	Young Adult
W1 Compound	50	50	50	50	50	50
W1 Recurve	50	50	50	50	50	50
W Compound Bowstand	50	50	50	50	50	50
W1 Recurve Bowstand	50	50	50	50	50	50
W2 Compound	100	100	100	100	100	100
W2 Recurve	100	100	100	100	100	100
W2Compound Bowstand	100	100	100	100	100	100
W2 Recurve Bowstand	100	100	100	100	100	100
Standing Compound	100	100	100	100	100	100
Standing Recurve	100	100	100	100	100	100
Standing Compound Bowstand	100	100	100	100	100	100
Standing Recurve Bowstand	100	100	100	100	100	100

9.0 RANGE SET-UP

- 9.1. When ever possible all World Archery Field of Play Layout should be followed. (*refer to World Archery Rules Book2 Chapter 7*). The minimum be to followed are outlined below. The range should be set up to shoot all rounds at the same time on a common shooting line.
- 9.1.1. All shooting lanes shall be 5 meters wide.
- 9.1.2. The minimum distance between targets will be 5 meters, measured from center of the gold to center of the gold.

- 9.1.3. Each target butt should be set up at an angle between 10 and 15 degrees from vertical.
- 9.1.4 The center of the gold shall be 130cm above the ground with a +/- 2cm.
- 9.1.5. A waiting line shall be indicated at least 5 meters behind the shooting line.
- 9.1.6. A line or barrier shall be indicated at least 10 meters behind the waiting line to keep back spectators.
- 9.1.7 A line parallel to the shooting line shall be made 3 meters in front of the shooting line.
- 9.1.8 Safety zones or barriers should be erected or indicated 20 meters away from the sides of the shooting lanes and 50 meters behind the furthest target butt.
- 9.1.9 To avoid sun glare, the range should be laid out so that the athletes are shooting toward the north with a tolerance of +/- 20 degrees. When this is not possible then recommendation would be to: when shooting in the morning only, the archers should shoot toward the west or when shooting in the afternoon only, the archers should shoot toward the east.
- 9.1.10. Target butts should be tied or staked down to prevent being blown or pulled over.
- 9.1.11 Each butt shall have a target number. These numbers shall be minimum 30cm tall with black figures on a yellow background, alternating with yellow figures on a black background (e.g. no. 1 black on yellow, no. 2 yellow on black, etc.). Target numbers shall be fixed above or below the center of each target butt, so they are clear of the target face.
- 9.1.12 Each butt shall have a wind directional flag fixed 40cm above the center of each target butt. The flag shall be a triangular shape of between 25-30cm and shall be yellow or light red in color.

10. SHOOTING

- 10.1. For the least conflict with other events, it is highly recommended that all archery events be held the first four days of the Regional and National Games.
- 10.1.2. Each archer shall shoot his arrows in ends of six arrows each. The maximum time permitted for an archer to shoot an end of six arrows shall be four minutes.
- 10.1.3. The recommended number of archers per target is three. However, there shall be no more than four per target.
- 10.1.4. Coaching and spotting arrows IS NOW PERMITTED. However, it CANNOT interfere or distract other archers on the shooting line.
- 10.1.5. Archers in the quadriplegic classes (W1) may receive assistance in putting the arrows in their bows. Coaching or conversation between archer and the coach or "helper" during the shooting of ends is permitted. However, it CANNOT interfere or distract other archers on the shooting line.
- 10.1.6. There will be double scoring cards used in all rounds.
- 10.1.7. All athletes shall shoot simultaneously in individual rounds.
- 10.1.8. The maximum time allowed for the retrieval of missed arrows shall be the time necessary to complete the scoring of all targets.
- 10.1.9. There shall be at least one (1) World Archery Judge at any National Championship.
- 10.1.10. All score cards must be signed by the scorer(s) and the athlete.
- 10.1.11. Longer distances are shot first in any tournament.
- 10.1.12 The Judge or director of shooting shall control the start and end of each time limit with a whistle or other audible sound. The whistle blows shall be as follows:
 - Two (2) whistle blows athletes shall move to the shooting line or be prepared to shoot.
 - One (1) whistle blow : shooting shall begin.
 - Three (3) whistle blows all shooting shall cease and athletes and/or scorers can proceed to targets for scoring to begin
 - Five (5) or more whistle blows shooting is to cease immediately and all arrows

shall be removed from the bows and placed in their quiver.

- A thirty (30) second warning signal shall be given before the end of the allowed time limit.

10.1.13. Under no circumstances may an arrow be re-shot. An arrow may be considered not to have been shot if:

- The arrow falls from the bow or is mis-shot and a part of the arrow shaft lies within the zone between the shooting line and the 3m line, and provided the arrow has not rebounded;
- The target face or butt blows over. The Judges shall take whatever measures they deem necessary, and compensate adequate time for shooting the relevant number of arrows. If the butt only slides down, it shall be left to the Judges to decide what action to take, if any.

10.1.14. In the event (during the qualification round) of an equipment failure, verified by a Judge, or a medical issue, verified by medical personnel, extra time may be given to make the necessary repairs, change the damaged equipment or for medical personnel to determine the problem and decide whether or not the athlete is fit to continue competing unassisted. However the maximum time for make up arrows to be shot is 15 minutes (following regular order of shooting and timing). The athlete shall make up the appropriate number of arrows at the earliest opportunity under the supervision of a Judge.

10.1.14.1. In the event of an equipment failure the athlete shall call a Judge while stepping back from the shooting line.

10.1.15. All arrows holes shall be made prior to pulling of any scored arrow.

11.0 CONDUCT

11.1. Athletes may not raise the bow arm until the signal to start shooting is given.

11.2. No athlete may touch the equipment of another without the latter's consent. Serious cases may lead to penalties being applied.

11.3. The Director of Shooting shall be advised if an athlete, when drawing back the string of his bow uses any technique which, in the opinion of the Judges, could allow the arrow, if accidentally released, to fly beyond a safety zone or safety arrangements (overshoot area, net, wall etc.). If an athlete persists in using such a technique, he shall, in the interest of safety, be asked by the Chairperson of the Tournament Judge Commission or the Director of Shooting to stop shooting immediately and to leave the field.

11.4. No athlete may draw his bow, with or without an arrow, except when standing on the shooting line. If an arrow is used, the athlete shall aim toward the target butts, but only after being satisfied that the range is clear both in front of and behind the target butts.

11.5. All other rules of sportsmanship shall apply.

11.6. Any electronic communication device (cell phones, pagers, ipods), headsets or noise reduction devices are not allowed in front of the waiting line.

12.0 RESERVED

13.0 NATIONAL RECORDS

13.1. National Records may be set at WASUSA-sanctioned tournaments or
USAA sanctioned tournaments.



APPLICATION FOR ARCHERY RECORD

EVENT: _____ DATE: _____

ATHLETE'S NAME: _____ CLASS: _____

RECORD CLAIMED _____

CIRCLE CLASS: MALE FEMALE ADULT MASTER

CERTIFICATIONS:

I, the undersigned official scorer of the above mentioned event, do hereby certify that I personally scored each arrow of the below mentioned claimant in this event and further certify that such scoring was in accordance with the rules of target archery set forth in WSUSA rules.

SIGNATURE OF SCORER: _____ DATE: _____

ADDRESS OF SCORER: _____

-

I, the undersigned Director of Shooting of the above-mentioned event, hereby certify that I personally inspected the score cards of the below mentioned claimant in the above mentioned event and verify that the score as shown is correct. I further certify that I have inspected the claimant's equipment prior to the start of the meet and verify that the equipment conforms to the standards and rules of target archery as set forth in WSUSA rules.

SIGNATURE OF DOS: _____ DATE: _____

ADDRESS OF DOS: _____

Respectfully submitted,

Claimant: _____

Address of Claimant: _____

Send Record Application to: **WASUSA National Records**, P.O. Box 621023 Littleton, CO 80162. The National Office will forward the application to the appropriate committee.

NATIONAL RECORDS - ADULTS

GENTLEMEN

ROUND	SCORE	NAME	YEAR
Novice AR 2	657	Keiffer, Charles	'13
Double AR 2	1052	Murzi, Mike	'89
Novice AR 1	623	Weller, Ray	'89
Double AR 1	1239	Weller, Ray	'89
Short Metric AR 2	658	Cowie, James	'14
Double AR 2	1030	Nungester, Roy	'89
Short Metric AR 1	622	Weller, Ray	'90
Double AR 1	1220	Weller, Ray	'90
Short Metric Bowstand	465	Dehn, Scott	'93
Double Bowstand	841	Dehn, Scott	'94
Advanced Metric AR 2	902	Nungester, Roy	'81
Double AR 2	1635	Clark, Carlton	'91
Advanced Metric AR 1	814	Stauner, Mike	'88
Double AR 1	1259	Osborne, Russ	'89
Advance Metric Open	516	Smith, Larry	'92
Double Open	945	Smith, Larry	'92
FITA AR 2			
FITA AR 1			
Double AR 1	2450	Townes, Larry	'99
FITA AR 1-modified	1261	Cross, Aaron	'95
Double AR 1-modified	2403	Cross, Aaron	'95
FITA AR 3	1042	Walker, Carroll	'92
Double AR 3	1970	Walker, Carroll	'92
FITA Open	1058	Focht, Chuck	'93
Double Open	2094	Focht, Chuck	'93

LADIES

ROUND	SCORE	NAME	YEAR
Novice AR 2	514	Stephenson, Susan	'80
Novice AR 1	374	Cournia, Mary Jo	'92
Double AR 1	711	Cournia, Mary Jo	'92
Short Metric AR 2	528	Terranova, Terese	'84
Short Metric AR 1	507	Peterson, Jenny	'87
Double AR 1	791	Bragg, Charlotte	'89
Advanced Metric AR 2	727	Martin, Lorrie	'83
Double AR 2			
FITA AR 2	1202	Hagel, Susan	'91
Double AR 2	2366	Hagel, Susan	'91
FITA AR 1	970	Peterson, Jenny	'95

DISTANCE RECORDS

DISTANCE	SCORE	NAME	YEAR
GENTLEMEN AR 2			
90 meters	291	Grejdus, Joe	'92
70 meters	314	Vowell, Greg	'99
50 meters	319	Vowell, Greg	'99
30 meters	345	Vowell, Greg	'99
Double			
90 meters	543	Vowell, Greg	'99
70 meters	616	Vowell, Greg	'99
50 meters	616	Vowell, Greg	'99
30 meters	673	Vowell, Greg	'99
LADIES AR 2			
70 meters	297	Hagel, Susan	'91
60 meters	298	Hagel, Susan	'91
50 meters	291	Hagel, Susan	'91
30 meters	331	Hagel, Susan	'87
Double			
70 meters	495	Hagel, Susan	'92
60 meters	563	Hagel, Susan	'92
50 meters	532	Hagel, Susan	'92
30 meters	645	Hagel, Susan	'92

GENTLEMEN AR 1

90 meters	240	Williams, Sid	'89
70 meters	310	Cross, Aaron	'95
60 meters	319	Cross, Aaron	'95
50 meters	304	Cross, Aaron	'95
30 meters	342	Townes, Larry	'99

Double

90 meters	368	Erickson, Dan	'92
70 meters	594	Townes, Larry	'99
60 meters	607	Townes, Larry	'99
50 meters	595	Townes, Larry	'99
30 meters	654	Townes, Larry	'99

GENTLEMEN AR 3

90 meters	264	Walker, Carroll	'92
70 meters	215	Walker, Carroll	'92
50 meters	257	Walker, Carroll	'92
30 meters	306	Walker, Carroll	'92

Double

90 meters	443	Walker, Carroll	'92
70 meters	414	Walker, Carroll	'92
50 meters	503	Walker, Carroll	'92
30 meters	610	Walker, Carroll	'92

GENTLEMEN OPEN UNLIMITED COMPOUND

90 meters	247	Focht, Chuck	'93
70 meters	284	Focht, Chuck	'94
50 meters	277	Focht, Chuck	'93
30 meters	322	Focht, Chuck	'93

Double

90 meters	423	Focht, Chuck	'93
70 meters	495	Focht, Chuck	'93
50 meters	543	Focht, Chuck	'93
30 meters	633	Focht, Chuck	'93

GENTLEMEN BOWSTAND (Novice - 122cm Face)

50 meters	241	Dehn, Scott	'93
30 meters	275	Palmuski, Andy	'95

LADIES AR 1

70 meters	233	Peterson, Jenny	'95
60 meters	247	Peterson, Jenny	'94
50 meters	262	Peterson, Jenny	'94
30 meters	300	Peterson, Jenny	'95

JUNIOR ARCHERY RECORDS

Event	Athlete	Where set	Year	Mark	Class / Type	Bowstand	Gender	Country
Yeoman								
Bowman	Gase, Abigail	NJDC	2014	375	W2 / compound	no	F	USA
Bowman	Hash, Andrew	NJDC	2014	685	ST / compound	no	M	USA
Bowman	Stoterau, Ian	NJDC	2014	259	W2 / compound	no	M	USA
Bowman	Lancaster, Collin	NJDC	2014	435	W2 / recurve	no	M	USA
Cub	Lowry, Eric	NJDC	2014	471	W2 / compound	no	M	USA
Cub	Jimenez-Vergara, Miguel	NJDC	2014	494	W2 / recurve	no	M	USA
Cadet	Ruiz-Torres, Elizabet	NJDC	2014	553	W2 / compound	no	F	USA
Cadet	Doud, Rachel	NJDC	2014	148	W2 / recurve	no	F	USA
Cadet	Driscoll, Brendan	NJDC	2014	359	ST / recurve	no	M	USA
Cadet	Sprynczynatyk, Tyler	NJDC	2014	625	W2 / compound	no	M	USA
Cadet	Bennett, Rashad	NJDC	2014	384	W2 / recurve	no	M	USA
Junior	Belsan, Cierra	NJDC	2014	422	ST / compound	no	F	USA
Junior	Lawhorne, Scarlett	NJDC	2014	461	W2 / compound	no	F	USA
Junior	Schewanick, Kaitlyn	NJDC	2014	180	W2 / recurve	no	F	USA
Junior	Miles, Mitchell	NJDC	2014	598	ST / compound	no	M	USA
Junior	Tohon, Matthew	NJDC	2014	511	W2 / recurve	no	M	USA
Young Adult	Fox, Jenna	NJDC	2014	428	ST / compound	no	F	USA
Young Adult	Mayfield, Kamee	NJDC	2014	160	ST / recurve	no	F	USA
Young Adult	Goerlich, Caitlin	NJDC	2014	100	W1 / compound	no	F	USA

JUNIOR ARCHERY RECORDS AS OF JANUARY 1, 2014 (RETIRED)

Novice Cadet	Male	Score	Year	Female	Score	Year
AR1 Recurve						
AR1 Recurve Bowstatnd						
AR1 Compound						
AR1 Compound Bowstand						
AR2 Recurve	Daniel Romanchuk	2006	369	Crystal Orihuela	299	2008
AR2 Recurve Bowstand						
AR2 Compoiund	Tyler Sprynczynatyk	699	2009	Katie Kaufman	627	1998
AR2 Compound Bowstand	Malachi Herrmann	194	2013			
AR3 Recurve	James Bohnett	172	2004	Colbie Bratlie	436	2006
AR3 Recurve Bowstand						
AR3 Compound	Andrew Hash	624	2011	Abigail Gase	483	2013
AR3 Compound Bowstand						

Cadet	Male	Score	Year	Female	Score	Year
AR1 Recurve						
AR1 Recurve Bowstatnd	Antonio Bohaczak	88	2013			
AR1 Compound						
AR1 Compound Bowstand	Eric Paluszak	293	1997			
AR2 Recurve	Emmanuel Cespedes	528		Anna Ryan	325	2005
AR2 Recurve Bowstand						
AR2 Compoiund	Tyler Sprynczynatyk	692	2011	Emily Clarke	444	
AR2 Compound Bowstand				Melissa Wheeler	287	1997
AR3 Recurve				Colbie Bratlie	406	2007
AR3 Recurve Bowstand						
AR3 Compound	Andrew Hash	633	2013	Rose Hollerman	629	2013
AR3 Compound Bowstand						

Junior	Male	Score	Year	Female	Score	Year
AR1 Recurve						
AR1 Recurve Bowstatnd						
AR1 Compound						
AR1 Compound Bowstand	Eric Paluszak	264	1991			
AR2 Recurve	Raymond Martin	529	2009	Toni Saia	2008	290
AR2 Recurve Bowstand						
AR2 Compoiund	Casey Followay	685	2011	Melanie Watson	625	2010
AR2 Compound Bowstand				Melissa Wheeler	156	2000
AR3 Recurve	Brendan Driscoll	460	2013	Hannah McFadden	278	2010
AR3 Recurve Bowstand						
AR3 Compound	Mitchell Miles	544	2011	Elisabet Ruiz-Torres	557	2012
AR3 Compound Bowstand						

JUNIOR ARCHERY RECORDS AS OF JANUARY 1, 2014 (RETIRED)

Intermediate	Male	Score	Year	Female	Score	Year
AR1 Recurve				Mallerie Badgett	53	2007
AR1 Recurve Bowstatnd						
AR1 Compound				Caitlin Goerlich	222	2011
AR1 Compound Bowstand						
AR2 Recurve	Dylan Cooper	473	2003	Elizabeth Kelley	349	1998
AR2 Recurve Bowstand				Melissa Wheeler	287	2003
AR2 Compoiund	Cody Mace	580	2007	Melanie Watson	507	2013
AR2 Compound Bowstand						
AR3 Recurve	Mitchell Kohl	533	2013			
AR3 Recurve Bowstand						
AR3 Compound	Michell Miles	646	2013	Emily Tamura	578	2001
AR3 Compound Bowstand						

Advanced - Intermediate	Male	Score	Year	Female	Score	Year
AR1 Recurve						
AR1 Recurve Bowstatnd						
AR1 Compound				Caitlin Goerlich	400	2013
AR1 Compound Bowstand						
AR2 Recurve	Chris Stanek	585	2005			
AR2 Recurve Bowstand						
AR2 Compoiund	Louis Riccardi	441	2011	Lynne Ganley	529	2012
AR2 Compound Bowstand						
AR3 Recurve						
AR3 Recurve Bowstand						
AR3 Compound						
AR3 Compound Bowstand						