2024 Indiana 4-H Shooting Sports State Championships

## Event Synopsis

This Synopsis outlines the events and specific requirements for the 2024 4-H Shooting Sports State Championships. ***For additional pertinent information for participants and coaches, see the 2024 Indiana 4-H Shooting Sports State Championships GENERAL RULES.***

**EVENTS AT-A-GLANCE**

The 4-H Shooting Sports State Championships consists of 9 disciplines with the following events in 2024:

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| **Discipline** | **Event 1** | **Event 2** | **Event 3** |
| Archery  | NFAA Indoor 20 yard | 3-D Round |  |
| Air Pistol | Slow Fire - Bullseye |  |  |
| Air Rifle | National STD Three-position Sporter Air Rifle |  |  |
| Muzzleloading | 50 Yard Bullseye  | Muzzleloading Rifle Silhouette |  |
| Shotgun | Sporting Clays | Skeet | Trap |
| Smallbore Pistol | Slow-Fire Bullseye – Single Stage | Smallbore Hunter Pistol Silhouette  |  |
| Smallbore Rifle | NRA Smallbore Silhouette Rifle | NRA Three-Position |  |

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**ARCHERY EVENTS**

**Open Division:**

Any bow that uses pulleys or cams is deemed a compound.  For the sake of simplification- the Indiana 4-H Shooting Sports State Championships uses one standard for equipment – Open division will be any compound of recurve bow.  Armguards are optional and not required to be worn by participants.  Procedural rules, course of fire, scoring, etc. will follow the NFAA unless otherwise noted. All arrows brought to Archery Check-in table, must be stored in a quiver or a storage container. Hip quivers are required on the firing line. No back quivers are allowed.

**Genesis Division:**

**Genesis Equipment**:

Only equipment specified and approved for use in NASP® may be used in Indiana 4-H state tournament.

At tournament officials’ discretion, any bow, arrow, or accessory may be subjected to complete inspection at any time. Anyone found using disallowed equipment or modifications will forfeit awards and be disqualified.

Disqualification may affect their team's rank.

If after the 10-meter practice end begins an archer is found to be using disallowed equipment, the archer is subject to disqualification.

Bows: Archers are expected to bring their own NASP® Genesis™ bows.

Only the stock (original) unmodified Genesis™ bow approved for NASP® may be used, except for allowances described below.

The Genesis™ Mini, Pro, and GenX are prohibited from use in 4-H Genesis division.

The bow’s axle-to-axle length, measured from the center of each axle, must be no shorter than 35.25”.

The bow’s grip must be in place and unmodified. Changing the shape by removing material or adding material, including tape is prohibited. The grip may be painted for personalization. However, paint used must be "color only". The use of paint with added texture material or paint that dries with a multi-texture finish (including but not limited to those designed as bed liner material) is disallowed.

Only tied on or heat shrink nock locators may be used. Instructions for tying on a nock locator are available at www.naspschools.org under the “Resources” tab, in the “Information/Learning Center”.

There may be up to one nock locator above and below the arrow nock. If using two nock locators, the gap between them must be 1-1.5 nock widths. The archer must nock the arrow between the 2 nock locators.

If using one nock locator, the archer must nock the arrow below and touching the nock locator. If desired, a tied-on nock locator may be used directly above and against the original shrink tube locator that comes on the bow to maintain its position, as a quick or temporary fix.

Brass nock locators are prohibited for safety reasons.

The bow must be sight and sight-mark free.

Solid color tape, paint, or “sharpie” to cover marks may be applied to the face of the sight window at a point starting at the top of the bow’s grip and running at least 6“up the face of the sight window towards the top limb. Any tape used must be a single piece of tape applied vertically to the face of the sight window only. Single piece, die cut, solid color, stickers that match the shape of the sight window are also permitted. Wrapping tape around the riser is prohibited.

Camouflage bows may be used, but the face of the sight window must be covered. As described above. Any tape, paint or sticker used to cover sight marks must remain throughout the competition.

If sight marks are discovered the archer or coach will be asked to cover them.

The outside and inside of the sight window must be kept free of any raised edges, such as tape, stickers or logos.

The bow must be free of draw stops or stabilizers.

The bowstring and cables may be 'after-market' but of the same approximate length and diameter. The standard cable guard, cable guard slide (black only), wheel, cam, bearings, riser, and limbs must be original (or original factory replacement) and unmodified.

A bow may have the Morrell Manufacturing draw weight gauge mounted on the riser, for determining turns of limb bolts for draw weight setting.

A bow may be personalized by painting, stickers, et cetera, but without sight-marks.

Wrapping anything around both limbs to “join them” is disallowed. The arrow rest must be the standard NASP® flipper rest that comes on the Genesis™ bow. The rest arm that is missing the sleeve or bent is acceptable. The sleeve may be original, absent, or replaced with heat shrink tubing similar to the original rest arm sleeve.

The bow's draw weight must remain unchanged throughout the flight after the 1st scored arrow is shot at 10 meters.

Except for a malfunction, bows must remain downrange of the waiting line once shooting begins.

Except for a major malfunction the same bow must be used throughout the competition.

A non-compliant bow will be removed from the competition until it is restored to a compliant condition by the head coach. This must be completed before that archer begins or resumes competition.

Coaches should be prepared to complete timely repairs if necessary (spare arrow rest, serving material or spare bow). The tournament will remain on schedule.

**Arrows:**

Only the original Easton aluminum 1820 arrows approved for NASP® may be used and provided by the shooter. The length of the arrow shaft must be the standard NASP® length.

Arrow nocks must be the Easton N nocks currently used by Easton in the production of the 1820 aluminum Genesis arrows.

Arrow points must be the NASP® standard; glue-in, cone shaped and weighing 60 grains.

Arrow vanes must be 3 soft plastic, 2.5-3.0” long and between .4-.6” in height and attached to the shaft or wrap with a straight offset of approximately 1.5 degrees. Vanes may be of any brand or shape but must be within the listed dimensions (New Archery Products NASP® SPEEDFLETCH is also permitted for use)

Arrows must have vanes marked for identification.

The arrow shaft may be marked, crested, wrapped\*, or taped above the mid-point (towards the nock) for identification. The crest (NASP-Genesis label) must remain visible and readable. \*An arrow wrap is a small piece of unweighted self-adhesive vinyl that is wrapped around the rear of the arrow to coat the shaft in a very low weight plastic sleeve.

**Accessories:** Very few accessories are allowed in NASP®

Archers may wear basic finger tabs (free of metal or rigid plastic), tape, or gloves to protect draw-hand fingers. This includes unmodified “5-finger” gloves like golf and batting gloves. Unmodified golf or batting gloves may also be worn on the bow hand. Finger tabs designed for anything other than finger protection, including markings, are disallowed.

Finger protection devices like the “No Glove” and devices made by other manufactures may be placed on the bowstring, but these must be without locator buttons (also known as kisser buttons) discs or aiming aids.

Heat shrink tubing may be placed on the bowstring to reduce finger strain, but the tubing must cover the entire center serving above and below the nock locator(s).

Archers may wear arm guards and chest protectors.

Archers may wear eye patches, glasses, or tape on glasses.

Finger or wrist slings are allowed.

Wrist slings may be attached with standard bolt (one inch or less in length) with a head size not to exceed 1/2" X 1/2" (one-half inch thick, one-half inch wide).

 Any mounts or brackets used for a wrist sling must be non-rigid and may extend no more than 1/2" (one half inch) in any direction from the riser.

A Leather “yoke” may be used to attach the sling to the bow, but a metal yoke would be considered rigid and disallowed.

Wrist slings may be tied around the riser or through the hole in the riser just below the grip.

 Finger slings are only to be put in place once the 1 whistle command to shoot is provided.

Mechanical release aids are prohibited.

The bow must remain free of any devices designed to dampen vibration.

Potential special allowances for physically challenged archers are evaluated on a case-by-case basis. While participation by the challenged archer is important, other competitors must not be negatively impacted.

Commonly approved allowances include:

Wheelchairs are permitted if needed.

In the case of hearing or visually impaired archers, a coach or parent may provide assistance at the shooting line. A lane official must be alerted before shooting begins.

Mouth tabs are permitted for archers whose physical challenges make drawing the bowstring impossible.

Archers who use crutches may shoot from a chair or have coach assistance to stand.

Emotional support animals will be allowed by NASP® in the spectator area of the event (if permitted by the host facility). Emotional support animals must stay off NASP® ranges. If the animal creates a distraction of any type to the participants or spectators, the handler will be asked to remove the animal from the spectator area and possibly from the facility.

**Order of Shooting:**

The archer must nock, pre-draw, draw and aim in a manner that keeps the arrow pointed safely towards the target throughout the process. (Below the top of the backstop curtain, and away from the floor).

Archers will shoot one practice end of 5 arrows and 3 scoring ends of 5 arrows at 10 meters.

Archers will shoot one practice end of 5 arrows and 3 scoring ends of 5 arrows at 15 meters.

Archers will have 2 minutes to shoot each 5-arrow end.

Archers will shoot 10 3D targets with 2 arrows per target at unknown distances between 10 and 15 meters.

Dropped arrows will be left on the floor and replaced by a range official.

An arrow that bounces off the target may be shot again as instructed by range officials. Except for practice ends.

Replacement arrows will only be provided for bounce outs on scoring ends. Practice bounce outs will remain as shot.

An arrow that reaches the target line without hitting the target is considered a shot rather than a dropped or bounced-out arrow and will be scored zero points.

If the archer’s draw weight and draw length are not sufficient to perform on par with other archers in the tournament, the archer may be removed. Shot arrows that fail to reach or stick in the target butts are symptomatic of insufficient performance.

After shooting the last arrow, the archer must immediately leave the shooting line, rack the bow, and return behind the waiting line. This is NASP®-specific range management protocol.

Lost vane, arrow rest damage or failure, broken nock - if any occur during the release of an arrow and that arrow makes it to the target line and doesn't bounce off of the target, it is a shot arrow.

**EQUIPMENT STANDARD:**

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| --- | --- | --- |
|  | **PERMITTED** | **NOT PERMITTED** |
| **Genesis Bows** | Only equipment specified and approved for use in NASP® may be used in Indiana 4-H state tournament. |  |
| **Open COMPOUND/ RECURVE** | Release aids, String peeps, optical sights, spirit levels; 60 lb. maximum draw weight. Multiple pin sights allowed**.** | Overdraws may not place the arrow rest further than 6 cm from the pivot point of the bow. |
| **ARROWS for both disciplines** | Must meet AMO minimum weight standard; 5 grains arrow weight per pound bow peak draw weight. | No arrows larger than 27/64ths in diameter are permitted. |

**ARCHERY EVENTS**

**NFAA 20 yard indoor**

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| --- | --- |
| **TARGET** | NFAA targets of sizes selected by the management and appropriate to the course |
| **DISTANCE** | 20 yards |
| **COURSE OF FIRE** | 12 ends of 5 arrows for 60 arrows total |
| **TIME LIMIT** | Participants will have 2 minutes per end |
| **SCORING** | 5, 4, 3 from the center outward.  Tie breaks will be greatest #X’s, then #5’s, #4’s, #3’s. Then target by target comparison, starting with target #1 until broken. |
| **NGB RULES** | National Field Archery Association<https://www.nfaausa.com/wp-content/uploads/2019-2021-CONSTITUTION-.pdf> |

**3-D ROUND**

|  |  |
| --- | --- |
| **TARGET** | 3-D targets as selected and placed by the management |
| **DISTANCE** | Unmarked distances from 5 to 40 yards Genesis 10-15 meters |
| **COURSE OF FIRE** | Open - 20 targets, one arrow per targetGenesis - 10 targets 2 arrows per targetIn consideration of time, no shooter may glass the target from the shooting stake after taking his or her shot. Participants may glass the target prior to shooting but are reminded of the time restriction for their shot.  No adjustment of sights will be allowed after an archer has drawn and letdown.  No adjustment of sights will be allowed after an archer has glassed the target while at the shooting stake. |
| **TIME LIMIT** | Participants will move through the course expeditiously and avoid delays. 2-minute time limit to shoot once archer has approached the shooting stake.  |
| **SCORING** | IBO scoring procedures, dependent upon type of 3-D targets available. * +11 pts.         11 ring or “X” ring centered inside the 10 ring
* +10 pts.         10 ring
* +8 pts.           8 ring
* +5 pts.           Any other body shot. Hooves are considered

body color.* 0                   Misses, glancing shots, not touching body color

(horns, rocks, logs, etc.) Ties will be broken by the highest number of 11s, then number of 10s, 8s, etc. |
| **NGB RULES** | IBO - [http://www.ibo.net/2021%20IBO%20Rules%20(1).doc](http://www.ibo.net/2021%20IBO%20Rules%20%281%29.doc)  |

**Genesis ROUND**

|  |  |
| --- | --- |
| **TARGET** | Targets faces (paper) will be NASP® 80 cm FITA face with 10 scoring rings. |
| **DISTANCE** | 3 ends 10 meter and 3 ends 15 meters |
| **COURSE OF FIRE** | 15 arrows 10 meters and 15 arrows 15 meters |
| **TIME LIMIT** | Participants will move through the course expeditiously and avoid delays. 2-minute time limit to shoot once archer has approached the shooting stake.  |
| **SCORING** | Beginning in the center of the target, scoring rings are 10, 9, 8, 7, 6, 5, 4, 3, 2, & 1. |
| **NASP Rules** | https://www.naspschools.org/wp-content/uploads/Bullseye.pdf |

**AIR PISTOL EVENTS**

# When not cased and not in use, all air guns are required to use a CBI (Clear Barrel Indicator) in place except as permitted by range officer.

* **Pellets – Only wad cutters in .177 cal. can be used in all three air pistol events.**
* **These two models of Air Pistols are NOT allowed in this event due to safety reasons: Air Venturi V10 Target and Stoeger XP4.**

**Range Commands and Procedures**

**SLOW FIRE -BULLSEYE**

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| --- | --- |
| **TARGET** | Single or 4 bull 10 meter Air Pistol target (similar to B-40)  |
| **SCORING** | [Orion](file:///C%3A%5CUsers%5Cosbornda%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CINetCache%5CContent.Outlook%5CXP7WO4RA%5COrion), if available; otherwise hand scoring |
| **DISTANCE** | 10 meters |
| **COURSE OF FIRE** | 40 shots total. (5 shots per bull) Must load a single pellet for each shot. |
| **TIME LIMIT** | Preparation and unlimited sighting – 15 minutes. 1.5 minutes per shot for score. |
| **EQUIPMENT** | Any 4.5 mm (.177 cal.) compressed air, CO2 or pneumatic air pistol thatconforms to the pistol specifications listed here or in the NGB rulesPistol weight: 1500-gram maximum (3.3 lbs.)Trigger pull weight: 500-gram minimumPistol must fit within confines of a box having inside dimensions of 420mm x200mm x 57mm\* (approximately 16.53” x 7.87” x 2.25”). Only open sights are allowed. Optical, mirror, telescope, laser-beam,electronically projected dot sights, etc. are prohibited. \*(50 mm modified to 57 mm for 4-H, to accept standard Daisy air pistol grips) |
| **SHOOTING POSITION** | The athlete must stand free, without any artificial or other support, with bothfeet and/or shoes completely within the firing point. The pistol must be held andfired with one (1) hand only. The wrist must be visibly free of support. |
| **TIES** | USAS General Technical Rule 6.15.1.1. The highest number of inner tens.
2. The highest score of the last ten (10) shot series working backwards by 10-shot series in full ring scoring (not inner tens or decimals) until tie is broken.
3. If not yet broken, refer to 6.15.1 for further details.
 |
| **NGB RULES** | International Shooting Sport Federation and USA SHOOTING. See all sections that apply at <http://www.usashooting.org/7-events/usasrules> i.e., USA Shooting General Regulation Rules; USA Shooting General Technical Rules; USA Shooting Pistol Rules; USA Shooting Rule Update. |

**AIR RIFLE EVENTS**

# All air guns are required to use a CBI (Clear Barrel Indicator) when the gun is not being fired.

# NATIONAL STANDARD THREE-POSITION SPORTER AIR RIFLE

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| **TARGET** | Orion 10 meter 12 bull |
| **DISTANCE** | 10 meters  |
| **COURSE OF FIRE** | 30 record shots – 10 shots prone, 10 shots standing, 10 shots kneeling. See Rule 5.3.3 in the National standard 3-P Air Rifle Rules.  |
| **TIME LIMIT** | See Rule 5.3.3, Prone – 10 record shots in 10 minutes, Standing – 10 record shots in 15 minutes, Kneeling – 10 record shots in 10 minutes.Preparation period will be 8 minutes before match time. |
| **APPROVED RIFLES**See National Standard Three Position Air Rifle Rules, 4.2/4.8 | 4.2.1, Approved Rifles/Air Rifles officially approved for Sporter Class air rifle competitions are the AirForce Air Guns Edge, Crosman CH2000 (CO2), Crosman CH2009 (CO2 or compressed air), Daisy M599, Daisy M853/753/953/853CM (pneumatic), Daisy 888/887 (CO2), Daisy XSV40 Valiant (compressed air), Air Arms T200 (compressed air, with non-adjustable cheek-piece and butt-plate) and the Champions Choice T200 (CZ 200T, compressed air, with adjustable cheek-piece and butt-plate). Daisy 887/888 rifles may have 2010 model replacement stocks or as approved by Match director. |
| **CLOTHING** | Shoes are restricted to soft, low cut, athletic or street shoes that do notextend above the ankles. Shoes must be worn in all positions. No bootsare permitted. A shooting glove may be worn, but no shooting jacketsare permitted. Up to two sweatshirts are allowed. Tight fitting under-garments known as compression clothing is not allowed. See Rule 4.3.1 |
| **NGB RULES** | *CMP 2020-2022 National Standard Three-position Air Rifle Rules, 13th Ed.*<https://thecmp.org/youth/air/national-standard-three-position-air-rifle-rules/> |

**MUZZLELOADING Rifle EVENTS**

**GENERAL RULES**

* + See Muzzleloading Supplemental Information on the National Championships site
* Rifles shall have a marked ramrod in the barrel except while loading or firing. Loading will take place at the loading line.
* No direct loading from bulk containers, cans, bottles, powder horns, etc. is permitted.
* Charges shall be transferred from horn or flask to the muzzle using a powder measure or similar device at the loading table. No pre-measured powder charges allowed.
* Capping or charging will take place on the firing line.
* Except while measuring a powder charge, no powder container shall be left open. Any open container will be confiscated by range staff.
* No wooden ramrods allowed.

**EQUIPMENT STANDARD**

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| **EQUIPMENT** | **Rifle:** Any traditional or non-traditional NMLRA muzzle loading rifle (in-lines permitted).**Sights:** Metallic – non-traditional permitted (open or aperture).**Ignition:** Percussion cap, or flintlock. Number 209 primers are permitted.**Charge:** Maximum of 60 grains of black powder or its equivalent is allowable.**Caliber:** No limits. Patched round balls only.**Ramrods:** No wooden ramrods allowed.**Position:** Standing – no slings.Spotting scopes, binoculars are permitted |
| **NGB RULES** | NMLRA Muzzle Loading Rifle, Pistol and Shotgun–except as noted (January 2020 Edition). <https://www.nmlra.org/rules> - Supplemental Rules, Scoring, Match and other information can be found on the National Championships site or [HERE](https://4h.unl.edu/shooting-sports/national-rules) |

**50 YARD BULLSEYE**

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| **TARGET** | NMLRA 100-yard 8 ring targets (TG2406) |
| **DISTANCE** | 50 yards |
| **COURSE OF FIRE** | 20 shots standing. Sight-in shots permitted but as part of the total running time. |
| **TIME LIMIT** | 80 minutes total running time. May be run in 2 series of 10 shots – 40 minutes series **OR** 5 shots – 20-minute series |
| **SCORING** | Highest scoring area touched by ball. |

**25 YARD NOVELTY – Bottles and Haffner Critters Combo**

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| **TARGET** | NMLRA Bottle Target (TG2427), and NMLRA Haffner Combination Target (TG901) |
| **DISTANCE** | 25 yards |
| **COURSE OF FIRE** | 10 record shots on each scoring target, 2 per bull, (20 record shots).  |
| **TIME LIMIT** | 80 minutes total running time, including practice shots; May be run in 2 series of 10 shots; 40 minutes/series |
| **SCORING** | **Bottles:** As outlined on the target. Completely within neck-10 pts; nicking the neck-7 pts; within body-5 pts; nicking the body-3 pts. Bottom 5 bottles will be used as scoring targets.**Haffner:** Highest scoring area touched by ball. X closest to animal’s eye will be used for scoring. |

**TIE BREAKERS**

|  |  |
| --- | --- |
| **50 YARD BULLSEYE** | Most - X, 10, 9, 8, 7, 6, 5. If needed, widest shot measured will lose tie breaker. |
| **25 YARD NOVELTY** | Most - X, 10, 9, 8, 7, 5, 4, 3, 1. If needed, fewest misses. |

**SHOTGUN EVENTS**

**GENERAL RULES**

* Release triggers are NOT permitted.
* Ties will be broken by shoot-off for top 10 individuals and top 5 teams only. Team shoot-offs are done with all team members. If a team consists of 4 individuals, only the top 3 scores will count toward the tiebreaker.
* In shotgun, all targets will be pulled by hand for skeet and sporting clays. A Canterbury Voice Release System will be used in trap.
* All shotguns must be opened immediately upon being uncased with the muzzle(s) pointed in a safe direction until they are placed in the racks on the range. Shotguns must be carried from station to station with the action open and the muzzle(s) pointed in a safe direction.

**SPORTING CLAYS**

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| **EVENT** | 50 target course. |
| **TARGETS** | Any sporting clays target may be used in this event. |
| **COURSE OF FIRE** | Any combination of single or double (report and/or true pairs) targets as determined by shoot management may be thrown at each station on the course. |
| **TIME LIMIT** | Participants will fire in an expeditious manner, avoiding unnecessary delay. |
| **SHOOT-OFFS** | Shoot-offs will consist of any number of targets of any combinations ofsingles, pairs, or true pairs as determined by shoot management and according to NSCA rules.  |
| **EQUIPMENT** | Any shotgun 12 gauge or smaller, capable of firing two shots withoutreloading, and firing target ammunition for that gauge with a maximum load of 1 ⅛ ounce of size 7 ½, 8, 8 ½, or 9 shot may be used in this event.  Factory loads are required. |
| **LOADING GUN** |  Participants may not load gun unless in the station. Must be unloaded prior to leaving the station. |
| **NGB RULES** | National Sporting Clays Association (January 2021 Edition)<http://nsca.nssa-nsca.org/wp-content/uploads/sites/7/2021/03/2021-NSCA-Rule-Book.pdf>  |

# SKEET

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| --- | --- |
| **EVENT** | Standard NSSA (American) skeet |
| **COURSE OF FIRE** | 2 rounds (50 targets)  |
| **TIME LIMIT** | Participants will fire in an expeditious manner, avoiding unnecessary delay. Shooters should report to their respective field and be ready to shoot at the scheduled time.  |
| **TIE-BREAKERS & SCORING** | Doubles from stations 3, 4, and 5, miss and out by station. Team shoot-offs will follow the same procedure, each team member shooting at the same station. Any team or individual failing to respond to a call for shoot-offs three times will forfeit the tie. |
| **EQUIPMENT** | Any shotgun 12 gauge or smaller, capable of firing two shots without reloading may be used in skeet. Factory ammunition is required in thisevent. Maximum load of 1 ⅛ ounce of size 7 ½, 8, 8 ½, or 9 shot maybe used in this event. |
| **LOADING GUN** | Participants may not load gun unless on station and must unload firearmprior to leaving the station. |
| **NGB RULES** | National Skeet Shooting Association (2021 Edition)<http://mynssa.nssa-nsca.org/wp-content/uploads/sites/6/2016/03/2021-NSSA-Rule-Book.pdf>  |

# TRAP

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| --- | --- |
| **EVENT** | Standard ATA (American) trap (16-yards) |
| **COURSE OF FIRE** | 2 rounds (50 targets) at 16-yards. |
| **DELAY OF MATCH** | No shooter, coach, or spectator shall delay or interrupt the match.Shooters will take the field when called, call for targets, and fire in anexpeditious manner avoiding unnecessary delay.  |
| **TIME LIMIT** | Participants will fire in an expeditious manner, avoiding unnecessarydelay. Shooters should report to their respective field and be ready toshoot at the scheduled time. |
| **EQUIPMENT** | Any shotgun 12 gauge or smaller firing target ammunition for that gaugewith a maximum load of 1 ⅛ ounce of size 7 ½, 8, 8 ½, or 9 shot may be used in this event. Factory loads are required.All guns used by contestants must be equipped, fitted and utilized (i.e.shell catcher) so as not to eject empty shells in a manner that substantially disturbs or interferes with other contestants.     |
| **MAXIMUM VELOCITIES** | Any load with a velocity greater than 1290 FPS (feet per second) withmaximum shot charge of 1 1/8 ounces, or 1325 FPS with a maximum shot charge of 1 ounce, or 1350 FPS with a maximum shot charge of 7/8 ounces or less, as measured in any individual shotshell. These velocities are maximum and no individual shotshell shall exceed these limits for thedesignated shot charge. In addition, no load containing more than 1 1/8 ounces or any shot larger than Number 7 ½ can be used. |
| **LOADING GUN** | A contestant shall place a live shell in their gun only when on a post facing the traps. In Singles shooting a contestant may place only one (1)live shell in their gun at a time and must remove it or the empty shell(s)before moving from one post to another. In changing from one (1) post to another, the shooter shall not walk in front of the other competitors. |
| **MOVING BETWEEN STATIONS** | Shooters shall move to their next station upon completion of the final shot on each station and the referee’s command. No shotgun will be loaded and/or closed until all shooters have rotated to the next station.  |
| **NGB RULES** | Amateur Trap Association (September 2020 Edition)https://shootata.com/Portals/0/pdf/2021\_Rulebook\_web.pdf |

## SMALLBORE PISTOL EVENTS

The Youth Safety Handgun Act, as included in the Gun Control Act of 1968, puts restrictions on the use and possession of handguns by youth under 18 years of age. Youth participating in National 4-H Shooting Sports Invitational must, at all times, follow all provisions of this act. Therefore, event officials will require “the prior written consent of the juvenile’s parent or guardian who is not prohibited by Federal, State, or local law from possessing a firearm.” This written permission must be in possession of the youth – even if a parent/guardian is present. We suggest a simple statement, reduced to wallet size with the name of the youth, a parent’s name, address, as well as their signature, and that of a witness and dates. The participant can laminate this card and keep it with the shooting kit or on their person. This document must be displayed at check-in. Failure to have this document will require the National Championships Committee to disqualify the shooter to avoid violation of federal law.

**All smallbore pistols are required to use a Civilian Marksmanship Program (CMP) type CBI (Clear Barrel Indicator) when the handgun is uncased and not being fired. Cased pistols will be the last equipment to be brought to the range and the first to be removed from it.**

All events are “single pistol” matches, meaning participants are to shoot the entire course of fire, with the same pistol. No pistol changes will be allowed between stages, and only one pistol per shooter is allowed on the line. Pistols may be replaced only if they are disabled or malfunctioning.

**SLOW-FIRE BULLSEYE – single stage**

|  |  |
| --- | --- |
| **TARGET** | NRA B-8 |
| **DISTANCE**  | 25 yards |
| **COURSE OF FIRE** | All slow-fire; 40 record shots at 25 yards |
| **TIME LIMIT** | 10 shots per 10-minute string |
| **EQUIPMENT** | Version 2020 NRA Precision Pistol Rules for Open Division (3.2.1 and 3.4) apply. (3.2.1) Open Division – Any semi-automatic handgun or revolver authorized by Rules 3.4, 3.5, and/or 3.6**, using any sights, including telescopic, are permitted with the exception of those sights that project an image on the target**. The firearm used in competition shall be serviceable and safe. All operational safety features of the firearm must function properly. If any firearm is observed to be unserviceable or unsafe, it shall be withdrawn at the request of the tournament director.(3.4) 22 Caliber Pistol or Revolver - Any pistol (single shot or semi-automatic) or revolver chambered for .22 caliber rim-fire long rifle may be used; barrel length, including cylinder, not more than 10 inches. Trigger pull not less than 2 pounds. Any sights, including telescopic, are permitted with the exception of those sights that project an image on the target. Open (metallic) sights may be adjustable but not over 10 inches apart measured from the apex of the rear sight to the apex of the front sight. Any sighting device programmed to activate the firing mechanism is prohibited. All operational safety features of the firearm must operate properly. * Barrel length, including cylinder, not more than 10 inches.
* Trigger pull not less than 2 pounds.
* .22 caliber rimfire – long rifle
* Any sights, including telescopic, are permitted with the exception of those sights that project an image on the target. Open sights may be adjustable but not over 10-inch sight radius.
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| **SHOOTING POSITION** | One-hand standing |
| **NGB RULES** | *NRA Precision Pistol Rules* (January 2020 Edition)<http://rulebooks.nra.org/documents/pdf/compete/RuleBooks/Pistol/pistol-book.pdf> |

## SMALLBORE HUNTER PISTOL SILHOUETTE

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| **TARGET** | 3/8 scale metallic silhouettes |
| **DISTANCE AND COURSE OF FIRE** | All shooting in banks of 5 targets, shooting from left to right;10 chickens at 25 yards, 10 pigs at 50 yards, 10 turkeys at 75 yards, 10 rams at 100 yards. 40 record shots. |
| **FIRING ORDER** | Each shooter will be assigned to starting position and on command they will fire at the five targets in that bank in order from left to right. Upon completion of both banks in that category shooter will move to the right on command. Shooters firing at rams will rotate to chickens. |
| **TIME LIMIT** | 30 second ready time and 2-minute firing time for each bank of 5 targets. |
| **EQUIPMENT** | Any factory available smallbore pistol weighing no more than 5.0 pounds, operated with a trigger pull of at least 2.0 lbs., chambered for the .22 rimfire long rifle cartridge and having a factory standard barrel length of no more than 12 inches measured from breech face to muzzle equipped with any sights that do not project an image on the target. (NRA Pistol Silhouette Rule 3.1 and 3.2) ***No******bolt action pistols, including cannon bolt, turn bolt or*** ***straight bolt will be permitted.*** |
| **SHOOTING POSITION** | The pistol is held in one hand or both hands at the shooter’s option, with the arm or arms not braced or supported by other parts of the body.Neither the “trigger” hand (or arm) nor any part of the pistol may makecontact with the opposite arm at any point at or above the pivot point ofthe wrist. (NRA Rule 5.8) \*\* Clarification - The intent of this rule is that the weight of the pistol besupported solely by the muscles of the arm and shoulders. Resting anypart of the arm on the torso is prohibited.\*\* |
| **SCORING** | Targets knocked off the rail or laying in a non-vertical position on the rail,in proper sequence, are scored as hits. Targets hit out of order will be scored as misses. |
| **TIE BREAKER** | Tie scores for the top 10 individuals and top 5 teams only, will be broken. In the event of a tied score, the score card will be reviewed andthe shooter with the most Ram hits will be declared the winner.  If tieremains, then by the most Turkey hits, then most Pig hits.  If all animal hits are the same, a shoot off on Rams will determine the winner.  The shooters will fire alternate shots until one shooter misses with the other shooter hitting the target.  Shooters will be allowed one warmup shot with their spotter prior to firing their first tie breaker. |
| **SPOTTER** | Each shooter may have one spotter with them on the firing line who mayhave a scope or binoculars to advise the shooter where shots are hitting.The spotter will also keep time and advise the shooter in a quiet voice.The spotter may not touch the shooter or the shooter’s equipment after the shooter assumes their position on the firing line. Coaches **may not** be Spotters. Spotters can only be a registered competitor within that event. One exception, if a Team/State only has a single shooter,then Coach/Parent/another competitor may spot for the shooter.  |
| **NGB RULES** | *NRA Pistol Silhouette Rules* (January 2020 Edition)<https://competitions.nra.org/media/7824/nra-silhouette-pistol-rulebook.pdf> |

# SMALLBORE RIFLE EVENTS

**GENERAL RULES**

* All smallbore rifles are required to have the action open and a Civilian Marksmanship Program (CMP) type CBI (Clear Barrel Indicator) in place when the rifle is not being fired and is uncased.
* Cased rifles will be the last equipment to be brought to the range and the first to be removed from it.
* Official weight of a rifle will be determined with the magazine inserted in the rifle. The CMP rifle trigger must be capable of lifting and supporting the 3.0 # weight without firing. Triggers which break as the weight is lifted will not pass.
* No cell phones on the firing line.

**Additional information:**

*Coaching:* Coaches will be back behind the shooting area at a distance, as designated by the CRO, and will not be allowed to contact the shooters during any of the firing periods including during sighter shots.    If the shooter wishes to consult with the coach during the firing or sighting period, they may ask the range officer to be excused and step back off the line where they can meet with their coach and have discreet discussion where it does not interfere with other shooters, but the clock will still be running.   The coach may not initiate the consultation.  Between stages (movement to a different position in silhouette or during position changes, target changes), the coach can come up to the shooting area if they need to and can go down range with the shooter if we are changing targets except for silhouette. *(Only the scorers and resetters will go down range to reset silhouette targets.)*  In most cases Range Officials will have all the targets in place so individuals will only go down range at the end of shooting.   Coaches will not be in the shooting area during the preparation or shooting periods.   In the CMP match, participants will go from the initial sighter period to firing for record very quickly so there will be no break in between. **Please note during registration how your shooters should be paired for silhouette.** The team will be split into pairs with one pair shooting, the other pair will be down the line scoring and resetting targets for another team.  The pair shooting will spot for each other (one fires their shots, and one spots) then they trade off when the first shooter has completed firing on that animal.   The next relay, the pairs will switch places. If a team only has 3 shooters, Officials will **attempt** to spread the team across relays so one of the team members can spot for the third shooter.

 **SMALLBORE SILHOUETTE RIFLE**

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| **TARGET** | 3/8 scale metallic silhouettes |
| **COURSE OF FIRE** | 10 chickens at 25 yards, 10 pigs at 50 yards, 10 turkeys at 75 yards and 10 rams at 100 yards |
| **TIME LIMIT** | 15 second ready time and 2 ½ minutes firing time per bank of 5 targets |
| **EQUIPMENT** | * NRA Smallbore silhouette rifle rules (rule 3.2) are identical to the High-Power Silhouette Rifle (rule 3.1), except for ammunition. A synopsis follows: maximum weight – 10 pounds 2 ounces including sights. Any sights, telescopic or metallic, any safe trigger, stocks must be traditionally styled, conventional configurations such as factory rifle stocks or silhouette stocks as manufactured by Fajen, McMillan, H-S Precision and others and barrel: no longer than 30 inches. *Shooting stands will not be allowed in the silhouette event.* Tables will be provided to support equipment. Note:
* Chassis or AR15 style stocks are not permitted by the NGB rules. No gloves will be permitted (cold weather only by NGB Rules)
 |
| **AMMUNITION** | Only factory loaded .22 caliber - short, long or long rifle.  Hot loads, such as “Stingers” are not permitted. |
| **SHOOTING POSITION** | Any standing position without artificial support. The rifle will besupported by the hands and one shoulder. All parts of one hand mustbe forward of the pistol grip. Shooters will stand beside the table (either side) with rifle muzzles across the firing line. |
| **SCORING** | Targets knocked off the rail or laying in a non-vertical position on the rail,in proper sequence, are scored as hits. Targets hit out of order will be scored as misses. |
| **TIE BREAKER** | Tie scores for the top 10 individuals and top 5 teams only, will bebroken. In the event of a tied score, the score card will be reviewedand the shooter with the most Ram hits will be declared the winner.  If tie remains, then by the most Turkey hits, then most Pig hits.  Ifall animal hits are the same, a shoot off on Rams will determine the winner.  The shooters will fire alternate shots until one shooter misses with the other shooter hitting the target.  Shooters will be allowed one warmup shot with their spotter prior to firing their first tie breaker. |
| **SPOTTER** | Each shooter may have one spotter with them on the firing line who mayhave a scope or binoculars to advise the shooter where shots are hitting.The spotter will also keep time and advise the shooter in a quiet voice.The spotter may not touch the shooter or the shooter’s equipment after the shooter assumes their position on the firing line. Coaches **may not** be Spotters. Spotters can only be a registered competitor within that event. One exception, if a Team/State only has a single shooter,then Coach/Parent/another competitor may spot for the shooter.  |
| **SCORING & RESETTING** | Contestants will serve as scorers and target resetters on a different Relay than the one which they are shooting. They must perform this duty as part of the contest. Parents and coaches will not be allowed on the range for resetting targets. |
| **NGB RULES** | *NRA Rifle Silhouette Rules (January 2020 Edition)*<https://competitions.nra.org/media/7825/nra-silhouette-rifle-rulebook.pdf> |

# NRA THREE-POSITION

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| **TARGET** | A-51  |
| **RANGE** | Nebraska will host a 50-yard event. |
| **COURSE OF FIRE** | 20 shots in each position – prone, standing, and kneeling – in that order at 50 yards; 60 record shots |
| **TIME LIMIT** | One (1) minute per record shot prone; two (2) minutes per record shot standing; and one and one-half (1-1/2) minutes per record shot kneeling. |
| **EQUIPMENT** | Rule 3.2 - any .22 caliber rimfire rifle chambered for .22 short, .22 long, or .22 long rifle cartridge may be used in smallbore 3-position; no restriction on barrel length, overall weight of rifle or accessories or overall weight of rifle and accessories other than those laid out in NRA Smallbore Three-Position Rifle Rules. **If rifle is equipped with a magazine, only one round may be loaded in the magazine at a time.** |
| **SIGHTS** | (3.7) Metallic sights, non-corrective |
| **AMMUNITION** | Solid point (40 grains) standard velocity; match or target ammunition |
| **NGB RULES** | *NRA Smallbore Rifle Rules* (Revised January 2020)<https://competitions.nra.org/media/7745/nra-smallbore-rifle-rules.pdf> |