

## 2020 New Jersey 4-H Shooting Sports Event Synopsis

The purpose of the NJ 4-H Qualifying Match is to give members from across the state a chance to compete against each other, and for them to qualify as a part of the New Jersey State Team which will then compete on a National Level at the National 4-H Shooting Sports Championships. This event is solely an Individual Competition. The NJ 4-H Shooting Sports Qualifying Match consists of six disciplines, with three events in each discipline. The match coordinators do their best to provide events which simulate the National 4-H Championships. All events will be ½ match (ie: Nationals 40 shots, state match 20 shots) unless otherwise specified.

### EVENTS AT-A-GLANCE

Discipline	Event 1	Event 2	Event 3
Archery	FITA Round	Field Round	3-D Round
Air Pistol	Slow Fire - Bullseye	Single Shot - Rapid Fire	Air Pistol Silhouette (full round if time permits)
Air Rifle	National STD Three-Position Sporter Air Rifle	Sporter Air Rifle Event (Standing)	NRA Sporter Air Rifle Silhouette
Muzzle-Loading	25 Yard Novelty – Bottles and Haffner Critters Combo	50 Yard Bullseye	Muzzleloading Rifle Silhouette
Shotgun	Trap	Doubles	Wobble
Smallbore Rifle	NRA Three-Position	CMP Rimfire Sporter Rifle	NRA Silhouette Smallbore Rifle

**NOTE:** Order of events subject to change based on range and weather conditions.

By entry in these events, the 4-H Club Leader is verifying that the youth entered are knowledgeable and proficient in the safe use of the equipment and the fundamentals of the event. Match and/or range officials may dismiss or disqualify a participant if it is believed the participant does not demonstrate the basic proficiency and knowledge required.

## TABLE OF CONTENTS

MATCH REGISTRATION INFORMATION	2-3
PARTICIPATION	3
EVENTS	4
EQUIPMENT & FIREARMS CHECK-IN	4
ARCHERY	5-7
AIR PISTOL	8-11
AIR RIFLE	12-14
MUZZLELOADER	15-17
SHOTGUN	18-19
SMALLBORE	20-23
HEALTH & SAFETY	24
RANGE PROTOCOLS	24
REASONABLE ACCOMODATIONS	25
SCORING PROCEDURES & AWARDS	25-26
COACHING	26
CONDUCT	27
CHALLENGES & PROTESTS	28
HELP NEEDED	28-29

## MATCH REGISTRATION INFORMATION

**Deadline for on-time Registration of all events is Wednesday, August 28, 2019.**

Late registrations will be accepted if room on the range is permissible, There will be a late fee assessed. On-time registration fee is \$15.00 per exhibitor/per event.

***Registrations / fees postmarked after August 28, 2019 will be \$18.00 per exhibitor/per-event and accepted if space is available.***

**All registrations are due to the match coordinators by the due date, otherwise they will be considered late.**

**Below is a list of match coordinators and addresses:**

**Smallbore Rifle and Air Rifle** – Kim Frey, RCE – Hunterdon County, PO Box 2900, Flemington, NJ 08822 or [kfrey68@hotmail.com](mailto:kfrey68@hotmail.com)

**Muzzleloader** – John Brown, 174 Sergeantsville Road, Flemington, NJ 08822 or [johnbrown@cyberworm.com](mailto:johnbrown@cyberworm.com)

**Archery** – Colleen Hamilton, 11 Lamerson Road, Chester NJ 07930 or [hamilton@comcast.net](mailto:hamilton@comcast.net)

**Air Pistol** – Matt Peterson, 439 Quakertown Road, Flemington, NJ 08822 or [mpeterson@torelco.com](mailto:mpeterson@torelco.com)

**Shotgun** – Keith Small, 49 Erie Avenue, Rockaway, NJ 07866 or [keithsmall@aol.com](mailto:keithsmall@aol.com)

Club leaders will need to collect all club member registration fees and fill out one club registration form. Please have your club members make their payment to your club, and then send one club check payable to: **NJS4HSSAC**. Please mail one club check and a copy of registration to **Kim Frey, Treasurer, c/o RCE – Hunterdon County, PO Box 2900, Flemington, NJ 08822.**

**Be sure to have your registration form signed by your County 4-H Staff or your registrations will not be accepted.**

Each of your club members will need to fill out a **New Jersey 4-H Event Youth Permission Form per event**. The permission slips will need to be sent with your club leader or coach to each match and handed in to the match coordinator. Adults / coaches that will be volunteering on the range will need to fill out the **New Jersey 4-H Release/ Agreement Form for Adults form per event** and handed into the match coordinator the day of the event. **DO NOT MAIL YOUR PERMISSION SLIPS.**

### **PARTICIPATION AT NJ STATE MATCH**

**4-H Membership** – All 4-H Shooting Sports members in good standing within their 4-H club and county, who have met all the NJ 4-H Member in good standing guidelines which include joining the 4-H program by January 1 of the current year (2019), 70% participation at club meetings, one club or county level presentation (current year), and have a standard club record book up to date. If participants meet these requirements then they are eligible to compete in 4-H shooting sports events, subject to limitations imposed by the specific event and the rules for active membership instituted by their state. Official 4-H Online enrollment is required.

**Age Requirement** – A member may compete in NJ State 4-H Shooting Sports competition and compete in a qualifying match for National Championships if they meet the following criteria:

- 1. A member must be 14 years of age by January 1 of the competition year (2020). If the member has not yet completed 8<sup>th</sup> grade, and they choose to compete for a State team, then that member must compete as a senior member in all other events throughout the current year.**
- 2. If a member is 19 prior to January 1 of the competition year (2020), and they are a registered 4-H member who has not yet completed grade 13, then he or she would be eligible to compete in NJ State Matches and events, but will not be able to qualify for a state team and participate at the National 4-H Shooting Sports Championships.**

**Official Entry** – Participants must be approved as the official entry by the club leader and County 4-H Agent, Program Associate, or County 4-H Staff. The selection of participants to be a part of the NJ State Team is at the discretion of the NJ State 4-H Shooting Sports Advisory Council (NJS4-HSSAC) and the NJ 4-H Shooting Sports Coordinator.

**Event Participation** – Each of the six disciplines consists of three different events. An individual is able to participate in any or all of the disciplines offered by the NJ4-HSSAC. Participants are expected to compete in all three events within the discipline which they entered, or they will take a 0 in the portion of the match that was incomplete.

**Repeat Participation at Nationals** – An individual may enter the State Qualifying Match repeatedly, but may only compete in a specific discipline once at the National Championships. If the participant has competed in any of the events at the National Championships, they cannot return to compete in the same discipline events – but may return and compete in a different discipline.

**Post-Secondary Restriction** – Participants may not engage in training for any post-secondary competition in the discipline which they are competing in at National 4-H competitive events. This would include either “club” sports or official collegiate athletics/sports. i.e. If a youth is practicing with others for the college rifle team, he/she may not compete in rifle at the national match.

## EVENTS

**Air Rifle Event** – Saturday, September 21, 2019 at the Hunterdon County Range, 691 Pittstown Road, Frenchtown, NJ 08825. Check in will be 8:15 AM, and the match will begin at 9:00 AM.

**Smallbore Rifle Event** – Sunday, September 22, 2019 at the Hunterdon County Range, 691 Pittstown Road, Frenchtown, NJ 08825. Check in will be 8:15 AM, and the match will begin at 9:00.

**4-H Archery Events** – Saturday, October 12, 2019, Teetertown Preserve – Group & Special Events Area – near 20 Pleasant Grove Road, Port Murray, NJ 07865. GPS Location: 40°45'22.5"N 74°51'05.1"W 40.756258, -74.851424. Google Maps: <https://goo.gl/maps/C1oTZFyCnf72>. Check-in will be at 8:45 AM and the match will begin at 9:30 AM.

**4-H Air Pistol Events** – Saturday, October 19, 2019. Phillipsburg Pistol Club, Phillipsburg NJ. Set-up 8:30am Match begins 9:00 AM.

**4-H Muzzleloading Events** - Sunday, October 20, 2019, Hunterdon County Range, 691 Pittstown Road, Frenchtown, NJ 08825. Check in will be 9:00 AM, and the match will begin at 9:30 AM.

**4-H Shotgun Events** – **Date & Location TBD**. Check in will be 9:00 AM, and the match will begin at 9:30 AM.

## EQUIPMENT AND FIREARMS CHECK-IN

1. *Sharing of Equipment:* Sharing of equipment is allowed, but no more than two participants may share a piece of equipment. This is an allowance that helps those clubs and individuals with limited resources, while at the same time, helps match efficiency by limiting the number of relays that must be conducted.  
*\*Individuals sharing must be identified on the registration form indicating which event(s) they will sharing for and with whom.*
2. All Firearms/ammo, bows /arrows, and other equipment must be checked-in with range/event officials prior to beginning the official competition. Equipment must meet the requirements established by National rules. During official check-in, officials will provide a second chance for youth with equipment not in compliance. In addition, range/event officials may perform a spot check on equipment, accessories and ammunition any time during official practices or competition. Non-compliant equipment, accessories or ammunition discovered during competition will result in disqualification.
3. All firearms and air guns are required to utilize the appropriate safety indicator [Clear Barrel Indicators (CBI), Empty Chamber Indicators (ECI)] with the action open during check-in (in the case and during inspection).

**\*Shogun Competitor's Note:** CBI or ECI's are not required. Your shotgun should be cased with an open barrel or open chamber.

## CHANGES / REMINDERS FOR 2020 MATCHES

- Air Pistol – Only wad cutters in .177 cal. pellets can be used in all three air pistol events.
- Air Rifle – Non-verbal coaching is permitted in Air Rifle (Rule 5.2.2).
- Air Rifle – Silhouette Match rifle must have a 1 ½ lb trigger pull.
- All Silhouette targets will be set up in yards not meters.

## ARCHERY

Saturday, October 12, 2019

Teetertown Preserve, Port Murray, NJ

### RECURVE AND COMPOUND

There are six events in the archery disciplines at the National 4-H Shooting Sports Championships. Even though the same three events are used for each discipline, recurve and compound archery are administered as two distinct disciplines. NJ4HSSAC Archery Match, both recurve and compound will be shot together. Recurve scores however will be looked at separately for qualifying for National Championships.

Any bow that uses a pulley or cams is deemed a compound. Note that while the three governing bodies for the three different events have slightly different requirements or restrictions-for the sake of simplification- the National 4-H Shooting Sports Invitational uses one standard for equipment – for *all events*. Procedural rules, course of fire, scoring, etc. will follow the NGB unless otherwise noted.

### EQUIPMENT STANDARD:

	<b>PERMITTED</b>	<b>NOT PERMITTED</b>
<b>RECURVE ~ Longbows &amp; Recurve Bows</b>	One adjustable sight pin or multiple hunting style sight pins may be used; clicker and kisser buttons permitted; Participants may have as many sight pins as deemed necessary; Torque compensators are permitted. 60 lb. maximum draw weight.	String peeps and mechanical release aids.
<b>COMPOUND</b>	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.
<b>ARROWS for both disciplines</b>	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

### FITA ROUND (1/2 FITA)

<b>TARGET</b>	122cm and 80 cm faces, full color FITA targets
<b>DISTANCE</b>	60, 50, 40, and 30 meters in that order
<b>COURSE OF FIRE</b>	3 ends of 3 arrows at each distance 60, 50, 40 and 30 meters. There will be 2 practice rounds at 60 m and 1 at 40 m
<b>TIME LIMIT</b>	2 minutes per 3 arrow end
<b>SCORING</b>	10 pts. -1 pt. from the center outward. Competitors will score inner 10's as Xs. Ties will be broken by the number of #10's (including inner 10's) first, then #X's, #9's, #8's etc. until tie is broken.
<b>NGB RULES</b>	World Archery Federation / Target <a href="https://rulebook.worldarchery.org/PDF/Official/2018-07-16/EN-Book3.pdf">https://rulebook.worldarchery.org/PDF/Official/2018-07-16/EN-Book3.pdf</a>

### FIELD ROUND (1/2 Field Round)

<b>TARGET</b>	NFAA targets of sizes selected by the management and appropriate to the course
<b>DISTANCE</b>	Marked distances within the range of 5 to 60 yards
<b>COURSE OF FIRE</b>	7 targets, 4 arrows per target.
<b>TIME LIMIT</b>	Participants will move through the course in a timely manner. Avoid excessive glassing of targets. A (3) three let down rule, per arrow, will be enforced. A (4th) fourth letdown will be considered a shot arrow.
<b>SCORING</b>	5, 4, 3 from the center outward. Tie breaks will be greatest #X's, then #5's, #4's, #3's.
<b>NGB RULES</b>	National Field Archery Association - 2018 <a href="https://www.nfaausa.com/wp-content/uploads/2017-2018-CONSTITUTION-.pdf">https://www.nfaausa.com/wp-content/uploads/2017-2018-CONSTITUTION-.pdf</a>

### 3-D ROUND

<b>TARGET</b>	3-D targets as selected and placed by the management
<b>DISTANCE</b>	Unmarked distances from 5 to 50 yards <ul style="list-style-type: none"><li>• Recurve maximum distance: 40 yards,</li><li>• Compound maximum distance: 50 yards</li></ul>
<b>COURSE OF FIRE</b>	10 targets, one arrow per target In 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.
<b>TIME LIMIT</b>	Participants will move through the course expeditiously and avoid delays. 2 minute time limit to shoot once archer has approached the shooting stake. Lost arrow search is limited to 2 minutes.

<b>SCORING</b>	<p>IBO scoring procedures, dependent upon type of 3-D targets available.</p> <ul style="list-style-type: none"> <li>• +11 pts. 11 ring or “X” ring centered inside the 10 ring</li> <li>• +10 pts. 10 ring</li> <li>• +8 pts. 8 ring</li> <li>• +5 pts. Any other body shot. Hooves are considered body color.</li> <li>• 0 Misses, glancing shots, not touching body color (horns, rocks, logs, etc.)</li> </ul> <p>Ties will be broken by the highest number of 11s, then number of 10s, 8s, etc.</p>
<b>NGB RULES</b>	<p>IBO - <a href="http://www.ibo.net/2018%20Rules/2018%20IBO%20RULES.pdf">http://www.ibo.net/2018%20Rules/2018%20IBO%20RULES.pdf</a></p>

**AIR PISTOL EVENTS**  
**Saturday, October 19, 2019**  
**Phillipsburg Pistol Club, Phillipsburg, NJ**

All events are “single shot pistol” matches, meaning participants are to shoot the entire course of fire of that event with the same pistol. 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.**

**SLOW FIRE -BULLSEYE**

<b>TARGET</b>	Target B/40
<b>SCORING</b>	Highest scoring area touched by pellet.
<b>DISTANCE</b>	10 meters or 33 feet
<b>COURSE OF FIRE</b>	20 shots, 5 shot strings, 5 shots per bull. Must load a single pellet for each shot.
<b>TIME LIMIT</b>	1½ minute per record shot (7.5 minutes per string) 7 min preparation time, 5 min for unlimited sighting shots.
<b>EQUIPMENT</b>	Any 4.5 mm (.177 cal.) compressed air, CO2 or pneumatic air pistol that conforms to the pistol specifications listed here or in the NGB rules Pistol weight: 1500 gram maximum (3.3 lbs.) Trigger pull weight: 17.6 ounces Pistol must fit within confines of a box having inside dimensions of 420mm x 200mm x 57mm* (approximately 16.53” x 7.87” x 2.25”). Metallic sights only. Optical, mirror, telescope, laser-beam, electronically projected dot sights, etc. are prohibited. Any .177 caliber wad cutter *(50 mm modified to 57 mm for 4-H, to accept standard Daisy air pistol grips)
<b>SHOOTING POSITION</b>	The athlete must stand free, without any artificial or other support, with both feet and/or shoes completely within the firing point. The pistol must be held and fired with one (1) hand only. The wrist must be visibly free of support.
<b>TIES</b>	Number of X’s, 10’s, etc. until ties are broken. Unresolved ties will be broken with shot-by-shot shoot-offs.
<b>NGB RULES</b>	International Shooting Sport Federation and USA SHOOTING. See all sections that apply at <a href="http://www.usashooting.org/7-events/usarules">http://www.usashooting.org/7-events/usarules</a> i.e. USA Shooting General Regulation Rules; USA Shooting General Technical Rules; USA Shooting Pistol Rules; USA Shooting Rule Update.

**SINGLE SHOT – RAPID FIRE**

<b>TARGET</b>	International Air Pistol - B-40 paper target
<b>SCORING</b>	Highest scoring area touched by pellet.
<b>DISTANCE</b>	10 meters or 33 feet
<b>COURSE OF FIRE</b>	Total of 20 record shots, Strings of 5 shots; each shot fired in 3 second intervals.
<b>TIES</b>	In the following order - Xs, 10s, etc.
<b>TIME</b>	Duel: in strings of 5 shots with each shot fired in 3 second intervals. 10 seconds for reload; 7 second at ready; 3 seconds to fire. See the summary of specific commands detailed below and in the



	NRA International Style Pistol Rules C/16500 (2013 Edition)
<b>EQUIPMENT</b>	Any 4.5 mm (.177 cal.) compressed air, CO2 or pneumatic air pistol that conforms to the pistol specifications listed here or in the NGB rules Pistol weight: 1500 gram maximum (3.3 lbs.) Trigger pull weight: at least 17.6 ounce Pistol must fit within confines of a box having inside dimensions of 420mm x 200mm x 57mm* (approximately 16.53” x 7.87” x 2.25”). *(50 mm modified to 57 mm for 4-H, to accept standard daisy air pistol grips) Any .177 caliber wad cutter
<b>SHOOTING POSITIONS</b>	8.7.1 FIRING Position - The athlete must stand free, without any artificial or other support, with both feet and/or shoes completely within the firing point. The pistol must be held and fired with one (1) hand only. The wrist must be visibly free of support.  8.7.2 READY Position - Shooting must start from the READY position (see illustration, pg. 360).  Ready position: The athlete's arm must point downward at an angle of not greater than 45 degrees from the vertical. The arm with the pistol must not be pointed at the ground within the forward edge of the firing point. The arm must remain in this position while waiting either for the appearance of the target or, when EST are used, for the green light(s) to come on.
<b>NGB RULES</b>	International Shooting Sport Federation and USA SHOOTING. See all sections that apply at <a href="http://www.usashooting.org/7-events/usarules">http://www.usashooting.org/7-events/usarules</a> i.e. USA Shooting General Regulation Rules; USA Shooting General Technical Rules; USA Shooting Pistol Rules; USA Shooting Rule Update.

**Course of Fire:** 20 shots on the International Air Pistol target. The course consists of 4 series each of 5 shots. During each series the shooter fires one shot at a time, each shot is fired within the time period of 3 seconds.

The sequence of commands will begin with the LOAD command of 20 seconds during which the shooter will charge the pistol with one pellet and prepare it to fire.

At the end of the 20 second LOAD period, the next command will be ATTENTION command during which the shooter will raise the pistol to no less than 45 degrees from the horizontal. The shooter will remain at the Ready Position for a 7-second pause before the command to fire. The shooter will raise the pistol to the target and one shot will be fired during a 3 second time limit. We will be using a Buzzard System for this relay.

*NRA International Style Pistol Rules C16500 (2013 Edition)*

## 5. POSITIONS

5.3 Ready Position – (note: see the representation of the ready position in this section of the NRA rule book)

- a) The shooter must stand free, without support, completely within the firing point. The pistol must be held and fired with one hand only. The wrist must be visibly free of support.
- b) Before and during the series, including while chambering a pellet, or checking or cocking a pistol, the pistol must always be kept pointing down range and within the target backstop

area before returning to the READY position for the next shot, or while awaiting the command to LOAD.

- c) In this Duel Fire Event shooting must start from the "READY" position. In the "READY" position, the shooter's arm must point downward at an angle of not greater than 45 degrees from the vertical, but must not be pointed at the ground within the forward edge of the firing point. The arm must be stationary in this position while waiting for the appearance of the target (see Fig. 4) or, when electronic scoring targets are used, for the green lights to come on; or on voice command.
- d) During the series of shots- The pistol must not be rested on the bench or shooting table, except to load each single pellet. If the shooter raises his arm too soon, or does not lower it sufficiently he must be warned by a Jury Member, and the shot must be recorded and repeated. In other words, the offending shooter will fire a 5th shot. The shooter must then be credited with the five (5) lowest value hits in the series.
- e) If the fault is repeated in the same stage of five (5) shots in the Duel Fire Pistol Event, the same procedure must be applied and the shooter must be penalized. By a deduction of two (2) points from his score. If a third infraction of this rule occurs the shooter must be disqualified.

5.1 to 5.11 Blank

5.12 Firing Position - The shooter must stand free, without support, completely within the firing point. The complete firearm must be held and fired with one hand only. The wrist must be visibly free of support. Bracelets, wrist watches, wrist bands or similar items which might provide support are prohibited on the hand and arm which hold the firearm. (See Rule 3.11)

### AIR PISTOL SILHOUETTE

<b>TARGET</b>	1/10 scale metallic silhouettes
<b>DISTANCE AND COURSE OF FIRE</b>	5 chickens at 10 yards, 5 pigs at 12.5 yards, 5 turkeys at 15 yards, 5 rams at 18 yards in banks of 5 targets and shooting from left to right on each bank of targets.
<b>TIME LIMIT</b>	30 seconds ready time and 2 ½ minute firing time for each bank of 5 targets.
<b>EQUIPMENT</b>	Any air pistol, .177 caliber, equipped with any sights that do not project an image on the target and having a safe trigger. Any .177 caliber wad cutter
<b>SHOOTING POSITION</b>	Only standing positions may be used, two-hand holds permitted but the hands and arms must be free of the body and may not touch beyond the wrists (NRA Rule 5.8).
<b>SCORING</b>	Any target knocked over or knocked off the stand in sequence is scored as a hit (+1). Targets missed, spun but not knocked down, or hit out of sequence is scored a miss (0).
<b>NGB RULES INFORMATION</b>	<i>NRA Pistol Silhouette Rules CS16830</i> (January 2011 Edition) <a href="http://compete.nra.org/documents/pdf/compete/RuleBooks/Sil-p/sil-p-book.pdf">http://compete.nra.org/documents/pdf/compete/RuleBooks/Sil-p/sil-p-book.pdf</a>
<b>TIE BREAKER</b>	Ties will be broken first by total number of rams counted for score. If a tie remains, then by the total number of turkeys; then by number of pigs, and then by number of chickens.
<b>SPOTTER</b>	Each shooter may have one spotter with them on the firing line who may have scopes and 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. Spotters can only be a registered competitor within that event.
--	--

\*\*If time permits we will do a full round (40 targets, 10 of each animal). If a full round of 10 of each animal takes place, 5 will face with the head to the left and 5 will face with the head to the right. We do this due to National Championships, animals face both directions, and shooters should learn how to shoot them facing both directions.

**AIR RIFLE EVENTS**  
**Saturday, September 21, 2019**  
**Hunterdon County Range, Frenchtown, NJ**

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**

<b>TARGET</b>	Paper NRA – AR 5/10
<b>DISTANCE</b>	10 meters or 33 feet
<b>COURSE OF FIRE</b>	30 record shots – 10 shots prone, 10 shots standing, 10 shots kneeling. See Rule 5.3.2 in the National standard 3-P Air Rifle Rules.
<b>TIME LIMIT</b>	See Rule 5.3.2, 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.
<b>APPROVED RIFLES</b>  See National Standard Three Position Air Rifle Rules, 4.2/4.8	See Rules 4.2.1 Sporter Air Rifle Specifications: 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. Weighing 7.5lbs or less with a minimum trigger pull of 1.5 lbs.
<b>CLOTHING</b>	Shoes are restricted to soft, low cut, athletic or street shoes that do not extend above the ankles. Shoes must be worn in all positions. No boots are permitted. A shooting glove may be worn, but no shooting jackets are permitted. Up to two sweatshirts are allowed. Tight fitting undergarments known as compression clothing is not allowed. See Rule 4.3.1
<b>NGB RULES</b>	<i>CMP 2018-2020 National Standard Three-position Air Rifle Rules, 12<sup>th</sup> Ed.</i> <a href="http://thecmp.org/wp-content/uploads/Rules.pdf">http://thecmp.org/wp-content/uploads/Rules.pdf</a>

**SPORTER AIR RIFLE EVENT (STANDING)**

<b>TARGET</b>	Paper NRA – AR 5/10
<b>DISTANCE</b>	10 meters or 33 feet
<b>COURSE OF FIRE</b>	20 shots standing.
<b>TIME LIMIT</b>	20 record shots in 25 minutes. See Rule 5.3.4 in the National standard 3-P Air Rifle Rules.
<b>APPROVED RIFLES</b>	See Rules 4.2.1 Sporter Air Rifle Specifications: 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. Weighing 7.5lbs or less with a minimum trigger pull of 1.5 lbs.

<b>CLOTHING</b>	Shoes are restricted to soft, low cut, athletic or street shoes that do not extend above the ankles. Shoes must be worn in all positions. No boots are permitted. A shooting glove may be worn, but no shooting jackets are permitted. Up to two sweatshirts are allowed. Tight fitting undergarments known as compression clothing is not allowed See Rule 4.3.1
<b>NGB RULES</b>	<i>CMP 2018-2020 National Standard Three-position Air Rifle Rules, 12<sup>th</sup> Ed.</i> <a href="http://thecmp.org/wp-content/uploads/Rules.pdf">http://thecmp.org/wp-content/uploads/Rules.pdf</a>

### NRA SPORTER AIR RIFLE SILHOUETTE

- NRA Air Rifle Silhouettes, only 10 Meter Sporter Air Rifles approved by CMP Rule 4.2.1 for 10 meter matches will be allowed for Air Rifle Silhouettes.
- In Silhouettes, **No** precision shooting boots or shoes, per NRA Rules 3.18 and NRA Rule 3.19
- One sweat shirt will be allowed.
- Rifles must have a minimum trigger pull of 1.5 lbs

<b>TARGET</b>	1/10 scale, metallic silhouettes
<b>DISTANCE AND COURSE OF FIRE</b>	5 chickens - 20 yds., 5 pigs - 30 yds., 5 turkeys - 36 yds., 5 rams - 45 yds. in banks of 5 targets and shooting left to right on each bank of targets. All Air Rifle Silhouette shooters must load and cock their own rifle.
<b>TIME LIMIT</b>	15 second ready time and 2 ½ minutes firing time for each bank of 5 targets
<b>APPROVED RIFLES</b>	Rifles that qualified for the 3-P and Standing events <b>WILL</b> be used for Silhouettes at the New Jersey 4-H State Qualifying Match. Rifles will not weigh more than 11 lbs. with scope. Rifles must have a minimum trigger pull of 1.5 lbs. No restrictions on scopes. Optical devices cannot project a beam on silhouettes. Rule 4.2.1 / 4.2.3 of the CMP 2016-2018 National Standard Three-Position Air Rifle Rules  New Jersey 4-H State Qualifying Match rules restrict this event to .177 caliber only.
<b>SHOOTING POSITION</b>	Rule 5.8 - Any standing position without artificial support. The rifle will be supported by the hands and one shoulder. All parts of one hand must be forward of the pistol grip. The chin may not rest on top of the comb. The stock may not be hollowed, altered or manufactured so as to facilitate chin contact. This does not preclude the use of abrasive materials or finishes. All Air Rifle Silhouette shooters must load and cock their own rifles.
<b>SCORING</b>	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. Targets spun but remaining on their base are scored as misses.
<b>TIE BREAKER</b>	In the event of a tied score, the score card will be reviewed and 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. 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.
<b>SPOTTER</b>	Each shooter may have one spotter with them on the firing line who may have a scope or binoculars to advise the shooter where shots are hitting.

	<p>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 <b>may not</b> be Spotters. Spotters can only be a registered competitor within that event.</p>
<b>NGB RULES</b>	<p><i>NRA Rifle Silhouette Rules (May 2018 Edition)</i>  <a href="https://competitions.nra.org/media/7744/nra-rifle-silhouette-rules.pdf">https://competitions.nra.org/media/7744/nra-rifle-silhouette-rules.pdf</a></p>

# MUZZLE LOADING RIFLE EVENTS

Sunday, October 20, 2019

Hunterdon County Range, Frenchtown, NJ

## GENERAL RULES

- Muzzleloading rifles will 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.
  - Capping or charging will take place on the firing line.
  - Upon a cease fire, any muzzleloading rifle shooter with a loaded rifle shall keep the rifle pointed down range and raise a hand to signal that he/she has a loaded firearm. The range officer shall issue the command, “Dump it in the hill”, and the shooter shall fire into the berm to clear the rifle.
  - Except while actually measuring a powder charge, no powder container shall be left open. Any open container will be confiscated by range staff.
- Due to Hunterdon County range setup all events will be in yards.

## EQUIPMENT STANDARD

<b>EQUIPMENT</b>	Rifle: Any traditional or non-traditional NMLRA Conventional muzzle loading rifle (in-lines permitted); Sights: Metallic – non-traditional permitted (open or aperture); Position: Standing –no slings; Ignition: percussion cap, or flintlock. Number 209 primers are permitted; Maximum charge of 60 grains of black powder or its equivalent is allowable. There are no limits on the caliber. All events are restricted to patched rounds balls only. Spotting scopes are permitted.
<b>NGB RULES</b>	NMLRA Muzzle Loading Rifle, Pistol and Shotgun–except as noted (2017 Edition). No open powder containers are permitted on the firing line except when powder is actually being measured. Any open container will become the property of the range officer. A separate powder measure must be used to carry the powder from the container to the muzzle of the gun. No rifle may be capped or primed until on the firing line and the command to fire has been given by the range officer. No wooden ram rods are permitted on the firing line to load or clean guns.  For safety reasons, participants must never directly blow down the barrel. An artificial blow tube is permitted to use, if needed. The blow tube will be held loosely between two fingers, have a 90 degree bend, and be at extended arms-length.
<b>INFORMATION</b>	<a href="https://nmlra.org/wp-content/uploads/2018/03/2017-NMLRA_Range-Rules1.pdf">https://nmlra.org/wp-content/uploads/2018/03/2017-NMLRA_Range-Rules1.pdf</a>

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

<b>TARGET</b>	NMLRA Bottle Target (TG2427), and NMLRA Haffner Combination Target (TG901)
<b>DISTANCE</b>	25 yards
<b>COURSE OF FIRE</b>	5 record shots on each scoring target, 1 per bull, (10 record shots).
<b>TIME LIMIT</b>	40 minutes total running time, including practice shots; May be run in 2 series of 5 shots; 20 minutes/series
<b>PROJECTILE</b>	Patched soft lead round ball only.
<b>SCORING</b>	<b>Bottles:</b> as outlined on the target. Completely within neck-10 pts.; nicking the neck-7 pts.; within body-5 pts.; nicking the body -3 pts. <b>Haffner:</b> highest scoring area touched by ball ( <b>Note:</b> The latter is less stringent than standard NMLRA scoring.)

### 50 YARD BULLSEYE

<b>TARGET</b>	NMLRA 100 yard 8 ring targets (TG2406)
<b>DISTANCE</b>	50 yards
<b>COURSE OF FIRE</b>	10 shots standing. Sight-in shots permitted but as part of the total running time.
<b>TIME LIMIT</b>	40 minutes total running time. May be run in 2 series of 5 shots - 20 minutes/series
<b>PROJECTILE</b>	Patched soft lead round ball only.
<b>SCORING</b>	Highest scoring area touched by ball. <b>Note:</b> The latter is less stringent than standard NMLRA scoring.

### MUZZLELOADING RIFLE SILHOUETTE

This is a 4-H ‘hybrid’ event that fits neither NRA Black Powder Silhouette nor NMLRA Silhouette. The event will follow national standards. Paper targets will be used, unless there is access to steel targets. All cardboard targets will be scored as either Hit or Miss.

<b>TARGET</b>	½ scale metallic silhouettes (NRA Hunter Pistol) 15 targets
<b>DISTANCE</b>	3 Chickens at 40 yards, 3 pigs at 60 yards, 3 turkeys at 77 yards, 3 rams at 100 yards.
<b>COURSE OF FIRE</b>	3 targets at each distance, one shot per target fired upon in order from left to right.
<b>TIME LIMIT</b>	10 minutes per bank of 3 targets.
<b>PROJECTILE</b>	Patched soft lead round ball only.
<b>SCORING</b>	Target must be knocked over or from its stand in order to be scored as a hit (1). Targets not knocked over, or hit out of order, will be scored as misses (0).
<b>TIE BREAKER</b>	In the event of a tied score, the score card will be reviewed and 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. 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.



<b>SPOTTER</b>	Each shooter may have one spotter with them on the firing line who may have scopes and 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.
----------------	---

## SHOTGUN EVENTS

**TBD**  
**TBD**

At the National 4-H Shooting Sports Invitational Shotgun events, release triggers are NOT permitted. Ties will be broken by shoot-off. During the match, the barrel of the shotgun is not allowed to rest on any part of the competitor's foot. Barrels should be pointed in a safe direction at all times, with open action or barrel.

### Trap

<b>EVENT</b>	Standard ATA (American) trap (16 yards)
<b>COURSE OF FIRE</b>	1 round (25 targets) consisting of five targets from each of five shooting stations at 16 yards.
<b>SHOOT-OFFS</b>	Five targets each from stations 1 and 5 from the 21yard line. Management may increase the distance to 27 yards if required to break ties.
<b>DELAY OF MATCH</b>	No shooter, coach, or spectator shall delay or interrupt the match. Shooters will take the field when called, call for targets, and fire in an expeditious manner avoiding unnecessary delay. Shooters must be available and ready to take the field 45 minutes to 1 hour prior to their squad time.
<b>TIME LIMIT</b>	Participants will fire in an expeditious manner, avoiding unnecessary delay.
<b>TIEBREAKERS</b>	Described at the end of the shotgun events.
<b>EQUIPMENT</b>	Any shotgun 12 gauge or smaller firing target ammunition for that gauge with a maximum load of 1 1/8 ounce of size 7 1/2, 8, 8 1/2, or 9 shot may be used in this event. Factory loads are required.
<b>MOVING BETWEEN STATIONS</b>	Shooters shall move to their next station upon completion of the final shot on each station and the referee's command. In the rotation all shooters shall move to the right except for the shooter on station 5, who will move to station 1. No shotgun will be loaded and closed until that rotation is complete.
<b>RULES</b>	Amateur Trap Association
<b>INFORMATION</b>	<a href="http://www.shootata.com/Portals/0/pdf/ata_rulebook_web.pdf">http://www.shootata.com/Portals/0/pdf/ata_rulebook_web.pdf</a>

### DOUBLES

<b>EVENT</b>	Standard ATA (American) Doubles trap (16 yards)
<b>COURSE OF FIRE</b>	1 Round (20 targets) Shooting at two (2 pair) targets thrown simultaneously from each of five shooting stations at 16 yards.
<b>DELAY OF MATCH</b>	
<b>TIME LIMIT</b>	No shooter, coach, or spectator shall delay or interrupt the match. Shooters will take the field when called, call for targets, and fire in an expeditious manner avoiding unnecessary delay.
<b>EQUIPMENT</b>	Participants will fire in an expeditious manner, avoiding unnecessary delay.
<b>MOVING BETWEEN STATIONS</b>	Any shotgun 12 gauge or smaller firing target ammunition for that gauge with a maximum load of 1 1/8 ounce of size 7 1/2, 8, 8 1/2, or 9 shot may be

	used in this event. Factory loads are required.
<b>RULES</b>	Shooters shall move to their next station upon completion of the final shot on each station and the referee's command. In the rotation all shooters shall move to the right except for the shooter on station 5, who will move to station 1. No shotgun will be loaded and closed until that rotation is complete.
<b>INFORMATION</b>	Amateur Trap Association <a href="http://www.shootata.com/Portals/0/pdf/ata_rulebook_web.pdf">http://www.shootata.com/Portals/0/pdf/ata_rulebook_web.pdf</a>
<b>TIEBREAKERS &amp; SCORING</b>	Described at the end of the shotgun events

### **WOBBLE**

<b>EVENT</b>	Wobble (20 yards)
<b>COURSE OF FIRE</b>	1 round (25 targets) consisting of five targets from each of five shooting stations at 20 yards.
<b>DELAY OF MATCH</b>	No shooter, coach, or spectator shall delay or interrupt the match. Shooters will take the field when called, call for targets, and fire in an expeditious manner avoiding unnecessary delay.
<b>TIME LIMIT</b>	Participants will fire in an expeditious manner, avoiding unnecessary delay.
<b>EQUIPMENT</b>	Any shotgun 12 gauge or smaller firing target ammunition for that gauge with a maximum load of 1 1/8 ounce of size 7 1/2, 8, 8 1/2, or 9 shot may be used in this event. Factory loads are required.
<b>MOVING BETWEEN STATIONS</b>	Shooters shall move to their next station upon completion of the final shot on each station and the referee's command. In the rotation all shooters shall move to the right except for the shooter on station 5, who will move to station 1. No shotgun will be loaded and closed until that rotation is complete.
<b>TIEBREAKERS &amp; SCORING</b>	Described at the end of the events

### **IF THERE IS A TIE IN FINAL SCORES AFTER ALL SHOTGUN EVENTS**

<b>SHOOT-OFFS</b>	Five targets each from stations 1 and 5 from the 21 yard line.
-------------------	--

**SMALLBORE RIFLE EVENTS**  
**Sunday, September 22, 2019**  
**Hunterdon County Range, Frenchtown, NJ**

**GENERAL RULES**

- All smallbore rifles are required to have the action open and a Civilian Marksmanship Program (CMP) type CBI (Clear Barrel Indicator) with a bright yellow flag that must be visible to indicate an open action 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.
- Due to range conditions, all events will be set up in yards.

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 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.

**SMALLBORE SILHOUETTE RIFLE**

<b>TARGET</b>	1/5 scale metallic silhouettes
<b>COURSE OF FIRE</b>	5 chickens at 40 yards, 5 pigs at 60 yards, 5 turkeys at 77 yards and 5 rams at 100 yards
<b>TIME LIMIT</b>	15 second ready time and 2 ½ minutes firing time per bank of 5 targets
<b>EQUIPMENT</b>	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. <i>Shooting stands will not be allowed in the silhouette event.</i> Tables will be provided to support equipment.
<b>AMMUNITION</b>	Only factory loaded .22 caliber - short, long or long rifle. Hot loads, such as

	“Stingers” are not permitted.
<b>SHOOTING POSITION</b>	Any standing position without artificial support. The rifle will be supported by the hands and one shoulder. All parts of one hand must be forward of the pistol grip.
<b>SCORING</b>	Targets knocked off the rail or knocked off their base but remaining on the rail (edge of base still contacting rail), in proper sequence, are scored as hits. Targets hit out of order will be scored as misses. Targets spun but remaining on their base are scored as misses. If a target is not available, the shooter may go to the next available target or return to an earlier target with scorer knowledge and shoot it as a substitute. If no targets are available the shooter will get an alibi target before the next stage begins.
<b>TIE BREAKER</b>	In the event of a tied score, the score card will be reviewed and 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. 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.
<b>SPOTTER</b>	Each shooter may have one spotter with them on the firing line who may have 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 <b>may not</b> be Spotters. Spotters can only be a registered competitors within that event.
<b>Scoring and Resetting</b>	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.
<b>NGB RULES</b>	<i>NRA Rifle Silhouette Rules (May 2018 Edition)</i> <a href="https://competitions.nra.org/media/7744/nra-rifle-silhouette-rules.pdf">https://competitions.nra.org/media/7744/nra-rifle-silhouette-rules.pdf</a>

### NRA THREE-POSITION

<b>TARGET</b>	A-51
<b>RANGE</b>	50 yard event.
<b>COURSE OF FIRE</b>	10 shots in each position – prone, standing, and kneeling – in that order at 50 yards; 30 record shots
<b>TIME LIMIT</b>	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.
<b>EQUIPMENT</b>	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. <b>If rifle is equipped with a magazine, only one round may be loaded in the magazine at a time.</b>
<b>SIGHTS</b>	(3.7) Metallic sights, non-corrective
<b>AMMUNITION</b>	Solid point (40 grains) standard velocity; match or target ammunition

<b>NGB RULES</b>	<i>NRA Smallbore Rifle Rules (Revised January, 2018)</i> <a href="https://competitions.nra.org/media/7745/nra-smallbore-rifle-rules.pdf">https://competitions.nra.org/media/7745/nra-smallbore-rifle-rules.pdf</a>
------------------	---

### CMP RIMFIRE SPORTER RIFLE

*Please read carefully, as there are event rules listed that may not be found in the CMP rules.*

**8.1.1 Intent and Spirit** - The intent and spirit of CMP Rimfire Sporter rules is to provide smallbore rifle target competitions where competitors use low-cost, readily available sporter type, .22 caliber rimfire rifles. Any rifle configuration or item of equipment that is not mentioned in these rules or that is contrary to the intent and spirit of these rules is prohibited. The rifles and equipment permitted in Rimfire Sporter are strictly limited in order to prevent an “equipment race” from occurring in the Rimfire Sporter discipline.

**Note:** In Timed Fire and Rapid Fire stages: after the “Load” command, all actions must be locked open or closed on an empty chamber prior to the “Start” command. Manually holding the action open with the magazine inserted is not permitted. \***Actions may not be cycled or closed until the shooter is in the firing position with firearm safely pointed down range.**

<b>TARGET</b>	B-19 CMP Rimfire Sporter Target
<b>DISTANCE</b>	25 yards and 50 yards
<b>COURSE OF FIRE</b>	30 shots for record <b>50 yards;</b> Prone position - 10 shots, rapid fire; Sitting or Kneeling – 10 shots rapid fire <b>25 yards;</b> Standing – 10 shots rapid fire <i>If time permits, a slow fire component will be included as part of the match:</i> 30 shots for record <b>50 yards;</b> Prone position - 10 shots, slow fire; Sitting or Kneeling – 10 shots slow fire <b>25 yards;</b> Standing – 10 shots slow fire
<b>TIME LIMIT</b>	<b>Rapid fire-</b> 5-shot strings in 25 seconds (semi-auto) or 30 seconds for manual repeater. <b>Slow fire-</b> 10 shots in 10 minutes;
<b>EQUIPMENT</b>	<i>Current CMP rules allow for 3 different classes. Any rifle that meets any of the CMP classes for use will be allowed. These would include the new Tactical and Unlimited Rimfire Sporter Rifle class. All rifles still must meet the weight, trigger pull and optic limit requirements. There are NO exceptions to these limits. All classes will be scored together as one.</i> <b>Rifle:</b> Overall weight of the rifle may not exceed 7.5 lbs., with sights. If sling is used; it may be removed when rifle is weighed. Any type of action, semi-automatic or <i>manually operated with a trigger pull of at least 3.0 lbs.</i> <b>Stock:</b> Rifles may be configured as Modern Military Rifles (AR clones) or rifles With non-standard stocks, barrels or configurations. Rifles with thumbhole stocks, adjustable stocks, adjustable cheek-pieces, orthopedically-shaped cheek-pieces or a pistol grip, may be used, provided they comply with weight and trigger pull limitations. The stock may have a sling swivel in a FIXED (non-adjustable) location on the fore-end. If the butt-stock length of pull or the cheek-piece is adjustable, butt-stock length and cheek piece adjustments must remain the same for all three positions. Any magazine extending below the stock may not be used as a palm rest or used for support on the fore-arm. Barrels may be fluted or have non-standard contours. <b>Sling:</b> Standard leather or web sling no wider than 1 1/4 inches may be used in the prone, sitting or kneeling positions. Must be fixed in at least one position. (Rails with adjustable sling swivels are not permitted).

	<p><b>Sights:</b> Open sights may be used; receiver sights or a scope not exceeding 6x magnification is permitted; <b>If a variable power scope is capable of greater than 6x</b>, the adjustment device on variable telescopes must be secured with tape or other similar means so that it cannot be changed <b>during match</b>. <b>Check-in seal must remain intact. The magnification must remain at the sealed power during the entire match.</b></p> <p><b>Barrel:</b> Barrels may not be equipped with any type of muzzle device (Example: Muzzle break, recoil compensator or porting). Factory type flash suppressor on a tactical type rifle is allowed.</p> <p>Fluted barrels and sleeved carbon graphite or aluminum barrels will be allowed provided there is no porting.</p> <p>Shooting stands are permitted in this event.</p>
<b>CLOTHING</b>	<p>A shooter is permitted to wear a maximum of two sweatshirts.</p> <p>Shooting jackets, leather shooting vests, shooting boots, etc. are not allowed.</p> <p>Shooters may wear a standard leather, cloth or synthetic work glove provided that it is not padded.</p> <p>Ordinary low-cut shoes, work boots, or hunting-style boots may be worn</p>
<b>NGB RULES</b>	<p><i>Competition Rules for CMP Games, Rifle and Pistol Matches, 7<sup>th</sup> Edition 2019</i></p> <p><a href="http://thecmp.org/wp-content/uploads/CMPGamesRules.pdf?ver=06022017">http://thecmp.org/wp-content/uploads/CMPGamesRules.pdf?ver=06022017</a></p>

## HEALTH AND SAFETY

**NJ 4-H Event Permission Form & Adult Supervision** - It is the responsibility of each participant to have the appropriate state health consent and release forms for each participant. An adult supervisor or coach should be present at the event site, with immediate access to the forms anytime their youth are participating in an event.

**Safety** –Safety is the highest priority for range staff, participants, coaches, and spectators. While standard accepted safety rules will be followed at all times, special safety considerations will be announced at each venue. The Match Director, Range Officers, or other event staff may dismiss anyone from the range for unsafe behavior resulting in the participant’s score being forfeited, and/or the participant being disqualified. Spectators not following safety rules may be barred from the event at the discretion of the NJ4-HSSAC.

**Cell Phones** – The use of cell phones or other electronic communication devices is not permitted during competition by participants or coaches and must be turned off and unavailable.

**Eye and Ear Protection Requirement** – For all firearm events, eye and ear protection is required. All participants and other persons on or in the immediate vicinity of the firing line, including coaches, range officials and any spectators must wear adequate eye protection (glasses or goggles) and ear protection. The equipment must protect both eyes. For air events, only eye protection is required; and eye protection is strongly recommended but not required for archery events.

### RANGE PROTCALS

**Note: In this section, "firearm" is broadly defined to include all rifles, pistols, shotguns, and muzzle loading arms regardless of type or action, including air guns. Range safety protocols will be strictly and vigorously enforced.**

- 1) Firearms will be the last piece of equipment brought to the range by the competitors and the first piece of equipment to be removed from the range/shooting line at the end of each event. When moving among positions, e.g. to different firing points in silhouette, the action must be open, ECI or CBI in place, and the muzzle pointed in a safe direction. In shotgun events, a visibly open action is sufficient.
- 2) All firearms will remain cased until the competitor prepares to take the range for their relay and the range officer has declared the range ready. ECIs or CBIs will be in place until the shooter is on the firing line and will be replaced in the action prior to leaving the firing line. This does not apply to shotguns where the open actions permit visual observation by range staff.
- 3) No competitor shall rest the muzzle(s) of a shotgun or any other firearm on a shoe, toe pad or similar device such that the muzzle points at any part of an individual’s body.
- 4) Deliberate shooting or attempting to shoot any living animal while on competitive ranges is grounds for ejection from the event or from the match.



## REASONABLE ACCOMODATIONS

**Participants with Physical Disabilities** – A participant who because of physical disability cannot fire from one or more of the prescribed shooting positions outlined in these rules, or who must use special equipment when firing, may petition for permission to assume a special position or to use modified equipment or both. This petition will be in the form of a written request from the individual participant to the Committee (match director) outlining in detail the reasons why the special position must be assumed or the special equipment must be used. The petition will be accompanied by pictures of the participant in the position desiring approval and, if special equipment is required; the picture will show how this equipment is used. The petition and all pictures must be furnished in exact duplicate. The petition must be accompanied by a medical doctor's statement if the physical disability is not completely evident in the pictures submitted. Only a qualified individual with a disability is eligible for reasonable accommodation. An individual with a disability, for purposes of reasonable accommodation, is defined as a person who has a physical impairment that substantially limits one or more of the major life activities.

Filing a Petition for Accommodations:

Each petition will be reviewed by the NJ4-HSSAC. The Council may require additional or supplementary statements or pictures. After review, the Match Director will be instructed by the council to issue special authorization to individuals who submit petitions with pictures which have been approved. Such certificates will have necessary pictures attached.

(b) Participants who have received special certificates of accommodations will be required to carry them when competing and to present the certificate when requested by officials of the match. In the case of a protest by another competitor, involving the position or the equipment used by such a participant, the range officials will be able to compare the questioned position or equipment with the certificate and photographs presented by the participant. Holders of current NRA authorizations (special certificates of accommodations) will be honored as valid authorizations, but the Match Director must be informed at the earliest date possible and no later than at the time of entry.

## SCORING PROCEDURES & AWARDS

**Awards** - Awards will be presented to at least the top 3 individuals for each competitive event. Awards will be presented at the NJ4HSSAC Banquet, May 2020. There are no awards for the different match events. A final overall individual award will be presented for each match based on the outcome of each match component. See below for how our match will be scored.

**Scoring** - NJ 4-H Shooting will be following the scoring guidelines of raw scores and percentage points directly from the National Championships.

Because of the desire for each event and discipline to have equal standing in determining "overall" awards, various methods of scoring have been used. Whether raw scores and percentage points are used in determining awards at the 4-H Shooting Sports National Championships ...none is perfect. This is because of three different shooting events for each team category; each with varying degrees

of difficulty, different scoring opportunities within each event (0 or 1 for silhouette vs. 5,6,7,8,9 or 10 on bullseye targets), and varying raw score potential (i.e. 300 points for smallbore 3P compared to 20 points for silhouette, and large differences in participation numbers).

Overall Individual Awards - are determined by percentage points (%) score in all 3 events, not by cumulative raw scores.

**Percentage Points (%)**

Percentage scoring can help equalize the point differences between events. For example: a raw score potential of 20 in smallbore silhouettes compared to 300 points in 3P.

Example: Air Pistol -slow fire bullseye (200 pts.).

	<u>Raw Score</u>	<u>%</u>	<u>Mod %</u>
Competitor A 1 <sup>st</sup>	376 pts.	.9400	1.000
Competitor B 2 <sup>nd</sup>	360 pts.	.9000	.9574
Competitor C 3 <sup>rd</sup>	359 pts.	.8975	.9548

A modified % will be used. Using the highest score recorded for a particular event as the baseline rather than the “perfect” score helps in equalizing the various difficulties of different daily events.

Modified % Formula:  $\frac{\text{Individual Score}}{\text{Highest Score}} = \text{\% score}$

**COACHING**

**Coaches** – Each County shall select coaches to assist individuals. There is no limit to the number of coaches per county (recommendation: 1 coach per 4 shooters). This coach is the only adult permitted to discuss procedures, ask questions, or advocate for his/her group with range officials. This coach should be designated on the entry form and approved by the 4H Club Leader.

As a general rule, limited coaching at the event site is permitted. However, coaching must never disturb other participants. Each county is limited to 1 “coach” per 2 individuals. A coaching line will be established on each range - behind the participant’s area and firing line and separate from the spectator area. Except during preparation time, coaches are to stay behind the firing line and in the coaching area. Coaches may assist the participant during prep time only. Once shooting for record begins, no coaching is permitted unless the participant asks permission from the range officer. Any request for coach assistance must be initiated by the participant; the coach may not initiate contact with the participant. The participant will put down their equipment, make it safe, leave the line, and then go talk to their coach. Coaches may ask the line officer to have their youth member come back to talk, but may not initiate contact with the participant. Coaches may not handle firearms or equipment after the match begins nor advance to the firing line unless authorized by the range officer. A coach may set up his/her own spotting equipment. Please note that specific coaching instructions may be issued at the range for each event.

**Spotters/Scorers in silhouette matches** - Individuals will be split into multiple shooting relays and participants from their respective county will spot for one another. Quiet conversation between the spotter and the participant is permissible. An official scorer, not from the same county, will be assigned to each participant to record hits and misses.

## CONDUCT

**4-H Image and Honor** – NJ 4-H youth, parents, leaders and instructors are a part of the State 4-H program and are required to follow the NJ 4-H Code of Conduct. Its nature demands that all of us involved in the event from the match directors and state coordinators to the young people, parents and coaches participating must put forward the best image of the 4-H Shooting Sports Program and the 4-H program generally. To protect that public image, use of alcoholic beverages and any use of tobacco products by minors is not permitted on the grounds of any NJ4HSSAC sponsored event. Violation of this policy is grounds for disqualification, dismissal from the event and possible suspension from the 4-H program.

**Dress Code** - Participants are expected to dress appropriately for the events in which they participate. Club shirts are encouraged, but not required. Both young people and adults should wear attire appropriate for the weather while remaining modest and socially acceptable. Clothing with sexually suggestive wording or graphics; and alcohol or tobacco advertisement is not appropriate. Range officials will enforce dress codes, if required. All participants and coaches must remember that they may be photographed or interviewed for use by local or regional media. That means that each of us represents all of 4-H Shooting Sports. Let's do all we can to make sure that is a positive image!

**Footwear Policy** - Unless explicitly stated as permitted in the appropriate NGB rules, participants are required to wear shoes that completely cover the foot. Examples of footwear **not** acceptable, but not limited to, include: open-toe shoes, sandals, clogs, crocks, flip-flops, and bare feet.

**Behavior and Sportsmanship** - All participants, coaches, and spectators will demonstrate the highest levels of sportsmanship, supporting the objectives and ideals promoted by the 4-H program in general and the 4-H Shooting Sports Program in particular. Participants or coaches will render aid and/or testimony if asked to do so by any match official. All participants, coaches, and observers are expected to conform to appropriate state 4-H Code of Conduct, expectations, or volunteer agreements, as well as to the National 4-H Shooting Sports Program Code of Conduct, not only to the letter, but in its intent.

**Knowledge of Rules and Procedures** – Where possible, each event in this program has been associated with the appropriate National Governing Body (NGB) for that event. Exceptions to NGB rules are noted in the “Synopsis”. Participants and coaches are responsible for reading the rules, understanding procedures used in each event, and complying with the rules and standards involved. Questions are encouraged to clarify areas of confusion or misunderstanding. Ignorance of the rules does not obviate their existence. Participants are responsible for knowing the rules of their events and complying with them. Learning the rules is part of the educational process for shooting sports participants.

## CHALLENGES AND PROTESTS

**Challenges** – Participants **only** may review their targets and challenge scoring. Once targets have been scored, they will be made available for review by the shooters firing on those targets for a period of thirty (30) minutes, unless otherwise posted. Upon completion of that time period, the right of challenge expires and scores will be deemed correct as posted.

**Challenge Fees** - Any challenge must be accompanied by a fee of \$1 per hole challenged. The challenge would first go to the scoring committee. Serial challenges (following one challenge with another) are permitted, first review by the scoring committee, second review by the range officer. Once the discussion is finished the challenger must accept the decision or make a final appeal. Challenges sustained, i.e. scoring determined to be correct, will result in forfeiture of the fees, which will be deposited in NJ4HSSAC funds. No fee is required to point out mathematical errors or similar mechanical problems.

**Protests and Protest Fees** - Youth participants only (no coaches, parents or other adults) may protest:

- a) an injustice they feel has been done to them individually;
- b) conditions under which another competitor was permitted to fire, or
- c) equipment not meeting standards another competitor was permitted to use.

**Steps to Filing an Official Protest** - Only the shooter affected can make the protest – not parents, coaches, or other adults. A protest must be initiated immediately upon the occurrence of the protested incident. Failure to comply with the following procedure will automatically void the protest:

1. The Final Appeal in written form and accompanied by a \$50 cash protest fee must be submitted to the Match Director within 30 minutes of the first challenge decision. The written protest must include: shooter's name, date, description of incident, a solution, and signature of shooter. A Match Jury (see below for clarification) composed of the Match Director and 2 representatives of the NJ4HSSAC will render the final decision. No further appeal may be made. If the Match Jury decides in favor of the appeal, the cash protest fee will be returned. If the previous decision is upheld, the protest fee will not be returned.
2. Jury will consist of range officer plus two NJ4HSSAC members, not including the original scorer.
3. Challenges sustained, i.e. scoring determined to be correct, will result in forfeiture of any and all fees, which will be deposited in NJ4HSSAC funds. No fee is required to point out mathematical errors or similar mechanical problems. Any and all fees will be returned to the challenger if the decision is in their favor.

### HELP NEEDED

Each participating county is asked to supply help during the day of the match. A group of knowledgeable instructors will teach you how to do the jobs. Help is needed with the following:

- Gun Check (weighing the guns, testing of trigger pull and inspection of all equipment)
- Range Set up (Plan to arrive prior to each match – ask match coordinator for time)
- Scoring of Targets (Need at least one scoring judge from each club)
- Range Clean Up: (the match is not over until everything is cleaned up and put away)

All participants and families are asked to help with this.

*Cooperating Agencies:* Rutgers, The State University of New Jersey, U.S. Department of Agriculture and County Boards of Chosen Freeholders. Rutgers Cooperative Extension is an equal opportunity program provider and employer. Contact your local Extension Office for information regarding special needs or accommodations. Contact the State Extension Director's Office if you have concerns related to discrimination, 848-932-3591.