



2022 Event Handbook



4-H Youth Agents and Volunteers,

This event handbook is intended to help you with your 4-H Shooting Sports program. These rules and regulations help us provide our young people with the best program in the country. **REMEMBER:** Safety should never be compromised for any reason! Thank you for your hard work and dedication!

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4-H Shooting Sports Introduction

Goals, Aims, and Purpose

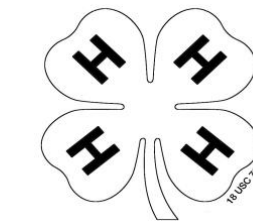
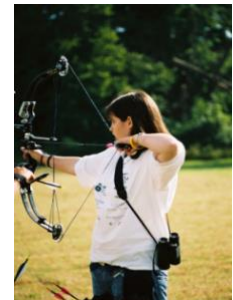
4-H Shooting Sports strives to enable young people 8 to 18 years old, their parents, and adult volunteers to become responsible, self-directed, and productive members of society via involvement in shooting sports activities. MSU Extension professionals coordinate 4-H Shooting Sports statewide. Hundreds of MSU Extension employees and adult volunteers deliver the program throughout Mississippi.

The goals of the 4-H Shooting Sports program are

- ◆ To enhance development of self-concept, character, and personal growth through safe, educational, and socially acceptable involvement in shooting-related activities.
- ◆ To teach safe and responsible use of sporting equipment to include firearms and archery equipment.
- ◆ To promote the highest standards of safety, sportsmanship, and ethical behavior.
- ◆ To expose participants to the broad array of vocational and lifelong avocational activities related to the 4-H Shooting Sports program.
- ◆ To strengthen families through participation in lifelong recreational activities.
- ◆ To complement and enhance the impact of existing safety and shooting educational programs using experiential educational methods and progressive development of skills and abilities.

The Mississippi 4-H SHOOTING SPORTS program consists of several discipline areas:

- ◆ .22 Rifle
- ◆ .22 Pistol
- ◆ Air Rifle
- ◆ Air Pistol
- ◆ Archery
- ◆ Muzzleloading
- ◆ Shotgun
- ◆ Hunting



Participation in Contests

Young people ages 8 through 18 (4-H age as of January 1) may join local 4-H Shooting Sports clubs, although participation in certain disciplines is limited to older 4-H'ers. Trained and certified adult leaders help train participants in specific discipline areas while teaching them important life skills. Please refer to additional sections of this handbook for more information about specific disciplines.

All participants are required to complete 8 hours of training each year in each discipline in which they are going to compete. In addition, before the district event, youth must have participated in at least one competition identical to that of the district discipline in which they are going to compete. Postal scores are required for youth to register for the district events. All rules in this handbook apply to this competition.

A 4-H Shooting Sports certified instructor must verify the qualifications for each 4-H member registered for a district event. The instructor must be certified in the discipline that he/she is verifying. A list of registered participants for each discipline is printed by the MSU Extension agent and then signed by the certified instructor. For a list of certified 4-H Shooting Sports instructors, please visit your local Extension office or contact the Center for 4-H Youth Development at (662) 325-3350.

All participants will be required to have a postal score to register for district events. All participants must shoot a minimum score (listed below) for the discipline (class) to advance to the district event. 4-H Shooting Sports district leadership will release specific information (such as deadlines) for each specific district's sanctioned matches.

Postal Scores Required to Qualify for District Event

Discipline	Minimum Qualifying Score
5-Meter Air Pistol	15
10-Meter Air Pistol (Juniors)	30
10-Meter Air Pistol (Seniors)	60
.22 Pistol	45
5-Meter Air Rifle	25
10-Meter Air Rifle	45
.22 Rifle	45
Muzzleloader (Junior II)	15
Muzzleloader (Junior III and above)	20
Archery	30
Shotgun	2 of 15 targets
Hunting	No minimum required

There will be four district contests for the Mississippi 4-H Shooting Sports program.

Northwest District Counties: Attala, Bolivar, Carroll, Coahoma, DeSoto, Grenada, Holmes, Humphreys, Issaquena, Leflore, Montgomery, Panola, Quitman, Sharkey, Sunflower, Tallahatchie, Tate, Tunica, Washington, and Yalobusha.

Northeast District Counties: Alcorn, Benton, Calhoun, Chickasaw, Choctaw, Clay, Itawamba, Lafayette, Lee, Lowndes, Marshall, Monroe, Noxubee, Oktibbeha, Pontotoc, Prentiss, Tippah, Tishomingo, Union, Webster, and Winston.

Southwest District Counties: Adams, Amite, Claiborne, Copiah, Franklin, Hinds, Jefferson, Lawrence, Leake, Lincoln, Madison, Pike, Rankin, Scott, Simpson, Smith, Walthall, Warren, Wilkinson, and Yazoo.

Southeast District Counties: Clarke, Covington, Forrest, George, Greene, Hancock, Harrison, Jackson, Jasper, Jefferson Davis, Jones, Kemper, Lamar, Lauderdale, Marion, Neshoba, Newton, Pearl River, Perry, Stone, Wayne, and Mississippi Band of Choctaw Indians.

At these district events, **4-H'ers may compete in a maximum of three live fire events.** Hunting may be allowed as a fourth discipline. To be eligible for participation in these events, youth must have received at least 8 hours of training from a certified 4-H Shooting Sports instructor in each of the disciplines. Additionally, youth must have participated in at least one competition identical to that of the district discipline(s) (must be a complete course of fire) in which they are going to compete. All rules in this handbook apply to this competition. **There are no exceptions to this policy.**

Recognition and Awards

District awards and recognition will be administered by the district leadership in each respective district. Senior participants who score a minimum score in their discipline event will be invited to the State Invitational and, if successful, may represent Mississippi at the National 4-H Shooting Sports Contest. National 4-H Contest rules state that youth will only be allowed to attend the National 4-H Shooting Sports Contest once per discipline. Thus, a 4-H'er may compete at the National Contest in .22 rifle only once but may go again competing in another discipline (e.g., air rifle, .22 pistol, air pistol, etc.).

Mississippi 4-H Shooting Sports Rule Changes for 2022

Air Rifle

- Junior I 4-Her's will compete sitting at a table resting the air rifle on sandbags.
- Junior II 4-Her's will have the choice to compete sitting at a table with elbows on the table or to compete in a 3-position class (prone, standing, and kneeling positions). **They cannot compete in both classes.**

Once the postal score is submitted to qualify for the district event, the participant cannot change classes at the district event.

.22 Rifle

- Hollow point ammunition is allowed, unless otherwise stated by the range officials where an event is held.

Shotgun

- Shotguns may have adjustable butt plates and/or combs but cannot be tactical style. Please refer to page 35 for more information.

4-H Shooting Sports

Competition Categories

Category	Junior I 8–9 years	Junior II 10–11 years	Junior III 12–13 years	Senior I 14–15 years	Senior II 16–18 years
Rifle					
Air Rifle 5-meter BB/Pellet	X	X			
Air Rifle 10-meter Pellet	X	X	X	X	X
.22 Rifle 3-position		X	X	X	X
Archery					
<i>Males and females will be scored separately and compete in different classifications.</i>					
Recurve	X	X	X	X	X
Standard Compound	X	X	X	X	X
Bare Bow	X	X	X	X	X
Compound Bare Bow	X	X	X	X	X
Unlimited	X	X	X	X	X
Pistol					
Air Pistol 5-meter BB	X	X	X		
Air Pistol 10-meter Pellet	X	X	X	X	X
.22 Pistol Combination Fire				X	X
Muzzleloading					
<i>* Junior II and Junior III participants will compete using the 50-yard Bullseye target only. Seniors (ages 14–18) are required to compete using all three targets: Bullseye, Bottles, and Critters.</i>					
50-yd Bullseye		X*	X*	X	X
25-yd Bottles & Critters			X	X	X
Shotgun					
Clover Clays		X	X	X	X
Hunting					
Written Exam	X	X	X	X	X
Hunter Decision Making	X	X	X	X	X

NOTE: Participants are allowed to participate in three live fire disciplines, plus hunting as a fourth discipline.

Review Period

Each district leadership team will determine when scores will be posted. A 30-minute review period will follow during which event **participants only** may request a formal review. Targets will be re-scored by a three-person committee and will *not* be returned to the competitors. The review fee is determined by each district. The fee will be returned to the participant if an error is found.

State Invitational

To be invited to participate in State Invitational, senior-aged youth must score a minimum in a discipline area. 4-H'ers who turn 19 on or before January 1 will be unable to attend the national competition, even if they qualified for it. **The discipline rules listed in this handbook pertain only to the district events; a separate rulebook will be issued for the State Invitational.**

Participants who qualify for the State Invitational must complete 2 additional hours of safety and rules instruction in the discipline in which they are going to compete. A certified instructor in that discipline must sign off on these additional hours, and participants must present their documentation to the appropriate agent before they register for the State Invitational. The scores required for qualification for the State Invitational are listed below.

Discipline	Minimum Needed
Air Rifle	150
.22 Rifle	390
Air Pistol	200
.22 Pistol	150
Shotgun	11
Archery (<i>Recurve, Bare Bow, Compound Bare Bow</i>)	60
Archery (<i>Compound and Unlimited</i>)	90
Muzzleloader	30
Hunting	No minimum required

General Participation

Participants are required to have met the following regulations to be eligible to participate in a district event:

1. Completed 8 hours of 4-H Shooting Sports training each 4-H year in each discipline in which they compete.
2. Participated in at least one competition identical to that of the district discipline in which they are going to compete.
3. A 4-H Shooting Sports certified instructor must verify on the participant's registration forms that the participant has met his or her minimum training requirements. This instructor must be certified in the discipline in which he/she is verifying. For a list of certified 4-H Shooting Sports instructors, please contact your local Extension office.
4. The local MSU Extension agent is responsible for collecting fees and information and entering it into the computer system.
5. 4-H rules apply! Each participant must have a completed Parental Consent/Code of Conduct Form and Health Card in order to participate in any event. These forms can be obtained from your local MSU Extension office.
6. **Any changes to classifications must be made before the start of the match and are the responsibility of the competitor.**
7. Each district event will be coordinated following MSU Extension guidelines.

4-H rules supersede National Governing Body (NGB) unless noted. Please see appendix.

Safety Rules

Safety will be first and foremost at all times. A 4-H Shooting Sports committee will examine and inspect all ranges in accordance with NRA standards prior to live fire exercise.

- 1) **Participants, instructors and parents are responsible for reading and understanding the rules.** While on the firing line, each team or individual must be accompanied by an adult or qualified Senior II. Participants must have a sponsoring adult responsible for them at all times. Each county must have a minimum of one adult per five youths at the contest.
- 2) Participants must provide their own firearms and ammunition, bows and arrows, eye and ear protection, and other personal shooting equipment. This includes kneeling rolls, shooting blocks, shooting rolls, slings, jackets, shooting mats, etc. Adults are responsible for handling and controlling all ammunition. Counties sharing firearms or other equipment must limit the sharing to three or fewer youths per piece of equipment.
- 3) **All firearms—air pistols, air rifles, .22 caliber rifles, .22 pistols, and shotguns—must have a breech block safety flag inserted in the chamber.** Breech block safety flags can easily be made from yellow or orange weed-eater type string and inserted into pistols, rifles, and shotguns of all kinds. Muzzleloader rifles must have a yellow safety flag attached to the barrel-inserted ramrod.
- 4) Arrows will not be nocked until the participant is on the firing line. The use of a hip or ground quiver is required.

- 5) Participants must obey all range commands. Arrive at each event at least 15 minutes prior to relay times to receive range orientation.
- 6) Rifles must be single loaded, except when range officer dictates otherwise. Parent or person assisting participant must certify when each firearm is clear.
- 7) Participants must wear adequate eye and ear protection while on the firing line.
- 8) Ammunition will be stored so as not to be readily accessible except on the firing line. Participants should never have control of ammunition and firearms at the same time during the event unless on the firing line. Arrows are not classified as ammunition and thus may be stored in the bow case.
- 9) All participants will check in equipment at the appropriate check-in station for their discipline. Equipment will be checked to ensure it is safe and in usable condition. **Any loaded firearms will result in immediate disqualification!**
- 10) Range assignment cards will be issued with relay number and approximate time as well as the competition equipment class they will participate in.
- 11) All equipment, including firearms, will be the responsibility of the participant under the supervision of the certified 4-H instructor and MSU Extension agent.
- 12) A ready area behind the firing line will be designated for participants, instructors, and/or parents to gather in just before their relay is called to the line. There will also be a designated area for spectators and people not directly involved in the competition. Failure to remain in designated areas could result in removal of participant from the competition.
- 13) Appropriate clothing to be worn while on the firing line is as follows: closed-toe shoes, fingertip-length shorts or longer, t-shirts, or collared shirts. **Dress code will be strictly enforced.**
- 14) Participants, instructors, or parents violating any safety rules listed will be given one warning. A second infraction will disqualify him or her from further participation. If the safety violation is severe, the competitor may not be given a warning. **Participants bringing loaded firearms, including BB guns and air rifles, to competition are automatically disqualified.** Instructors and the MSU Extension agent will be notified and the infraction documented.
- 15) Each discipline event will have a registration fee to be determined by that district. Registration date and late fees will be determined by the district.
- 16) Tactical firearms are not permitted in the 4-H Shooting Sports program.
- 17) Dogs are not allowed on the range. The exception to this rule is service animals.
- 18) Mississippi State University Extension provides educational opportunities to the public on an equal opportunity basis and will make every reasonable effort to accommodate individuals with disabilities that would interfere with their ability to receive the information being provided. If you have a disability or impairment, please

advise district management before competing in any district-sanctioned event. We will work with you to make appropriate accommodations to participate in this event.

- 19) No cell phones will be allowed on the firing line during live fire. This includes use of cell phones by parents, instructors, and participants (excluding range officer).
- 20) Once record shooting begins, **no coaching** is permitted unless initiated by the shooter through the range officer and with his or her permission. Time continues. Coaching is defined as giving guidance, whether verbal or non-verbal, to the competitor. (Example of spotting: Shot was low to the left. Example of coaching: Shot was low and to the left; aim higher and right.)

Rules Committee

1. There will be a rules committee in place to handle any rule discrepancies, challenges, or protests that arise.
2. This committee will consist of at least three of the following five:
 - a. Range officer in charge of range in question.
 - b. Event coordinator or state executive board member.
 - c. State 4-H staff member, state 4-H Shooting Sports coordinator, or other pre-determined state staff on site.
 - d. Level II or Level III instructor for discipline in question.
 - e. Regional Extension coordinator on site.
3. The Extension agent with 4-H Shooting Sports responsibilities from the county in question may be present during the rules committee meeting in order to disseminate information to the 4-H member or family but may not have a voice or vote on the rules committee.

You can get a copy of Mississippi 4-H Youth Development Rules and Procedures (Extension Publication 2431) from your local 4-H office or online at extension.msstate.edu.

5-Meter Air Pistol

RULES: NRA International Pistol Rule Book #CI16500 (adapted for 5-meter)
<https://competitions.nra.org/media/7577/nra-international-pistol-rules.pdf>
All air pistols must be 800 fps or less.

CLASSES: **The following 4-H rules supersede the NRA rules:**
Smooth bore pistol – BB
Any smooth bore BB pistol, with metallic sights, in which the propelling force is developed using a compressed spring, gas, or compressed air, may be used.

Acceptable models:

Daisy Model 288: fixed sight; spring air, weight .8 lb.

Daisy Model 1200: adjustable sight; CO2 weight 1.1 lb.

Crossman Model AA11: adjustable sight; CO2; weight 13 oz.

OR any pistol of equal quality – suggested retail price under \$40.

SIGHTS: Blade and Ramp front sight – adjustable open rear sight

OR

Blade and Ramp front sight – fixed open rear sight.

AMMUNITION: Round, .177 cal. (4.5 mm), steel BBs only

COURSE OF Fire **5 meters (16½ feet) adapted for smooth bore BB pistol**

Junior I (8–9) Shoots two-handed, sitting at a table, resting butt of pistol on sandbag
20 shots – 5 shots each on 4 targets

Junior II (10–11) Shoots two-handed, sitting at a table, resting elbows or forearms but not butt of pistol on sandbag or table. Arms should be straight. Sandbags or blocks can be used under forearms or elbows to bring pistol to eye level.
20 shots – 5 shots each on 4 targets

TIME LIMIT: 1 minute per shot

TARGET: #B-40 OR Daisy #5819; 10-meter single bull pistol target (used at 5 meters)

#B-40/4; 10-meter 4 bull pistol target (used at 5 meters)

Note: Competitors are responsible for bringing their own blocks and sandbags.

RECOGNITION LEVELS:

5m Air Pistol - Jr I, II, III	
Recognition	Min. Score
Marksman	60
Sharpshooter	90
Expert	130
Distinguished Expert	170

10-Meter Air Pistol

RULES: NRA International Pistol Rules #CI16500

<https://competitions.nra.org/media/7577/nra-international-pistol-rules.pdf>

All air pistols must be 800 fps or less.

The following 4-H rules supersede the NRA rules:

CLASSES:

 Sporter Air Pistol: Daisy 717 or equal; suggested retail price under \$80. (Weight not to exceed 2.7 lb.)

 Match Air Pistol: Daisy 747 or equal; suggested retail price under \$150. (Weight not to exceed 2.9 lb.)

 Precision Air Pistol: Any precision air pistol that complies with Rule 3.7 (**See Appendix**)

SIGHTS: Only open sights are allowed, adjusted for elevation and windage

AMMUNITION: Any .177 caliber (4.5mm) flat nosed lead pellet

Junior I (8–9) Shoots two-handed, sitting at a table, resting butt of pistol on sandbag
20 shots – 5 shots each on 4 targets at 10 meters

Junior II (10–11) Shoots two-handed, sitting at a table, resting elbows or forearms but not butt of pistol on sandbag or table. Arms should be straight. Sandbags or blocks can be used under forearms or elbows to bring pistol to eye level.
20 shots – 5 shots each on 4 targets at 10 meters

Junior III (12–13) May elect to shoot two-handed or one-handed, standing; one- and two-handed shooters will register and be scored in separate classes
20 shots – 5 shots each on 4 targets at 10 meters

Senior I (14–15) May elect to shoot two-handed or one-handed, standing; one- and two-handed shooters will register and be scored in separate classes
40 shots – 5 shots each on 8 targets at 10 meters

Senior II (16–18) May elect to shoot two-handed or one-handed, standing; one- and two-handed shooters will register and be scored in separate classes
40 shots – 5 shots each on 8 targets at 10 meters

TIME LIMIT: 1 minute per shot for all classes

TARGET: #B-40 OR Daisy #5819; 10-meter single bull pistol target
#B-40/4; 10-meter 4 bull pistol target

10-Meter Air Pistol (continued)

Note: Competitors are responsible for bringing their own blocks and sandbags.

RECOGNITION LEVELS:

	10m Air Pistol Jr I, II, III	10m Air Pistol Sr I, II
Recognition	Min. Score	Min. Score
Marksman	60	120
Sharpshooter	90	180
Expert	130	260
Distinguished Expert	170	340

.22-Caliber Conventional Pistol

RULES: NRA Pistol Rules #CP 16650

<http://rulebooks.nra.org/documents/pdf/compete/RuleBooks/Pistol/pistol-book.pdf>

NRA Pistol Rule 9.14 and 10.10 concerning “refiring” and “malfunctions”: Any refires or malfunctions will be handled at the sole discretion of the range officer (e.g., unlimited refires will be allowed and only the shots not fired will be refired).

The following 4-H rules supersede the NRA rules:

CLASSES:

.22 Pistol:

Metallic sights: Any semi-automatic .22 caliber pistol with metallic sights
Any sights: Any semi-automatic .22 caliber pistol with any metallic/optical sight

.22 Double-Action Revolver:

Metallic sights: Any .22 caliber double-action revolver with metallic sights
Any sights: Any .22 caliber double-action revolver with any metallic/optical sight

BARREL LENGTH: No longer than 10¾ inches (National 4-H Shooting Sports events currently have a 10-inch maximum rule)

AMMUNITION: Any .22 caliber short, long or long rifle rimfire cartridge with a bullet weighing no more than 40 grains.

Hollow point ammunition is allowed, unless otherwise stated by the range owner/operator. Magnums are NOT allowed.

DISTANCE: 25 yards

COURSE OF 10 shots each slow fire, timed fire, and rapid fire (30 record shots).

FIRE:

Senior I (14–15) May elect to shoot two-handed or one-handed, standing; one- and two-handed shooters will register and be scored in separate classes

Senior II (16–18) May elect to shoot two-handed or one-handed, standing; one- and two-handed shooters will register and be scored in separate classes

TIME:

Slow fire: 5 minutes for 10 shots
Timed fire: 20 seconds per 5-shot string
Rapid fire: 10 seconds per 5-shot string

TARGET: NRA B-8

.22-Caliber Conventional Pistol (continued)

RECOGNITION LEVELS:

	.22 Pistol Sr I, II
Recognition	Min. Score
Marksman	90
Sharpshooter	135
Expert	195
Distinguished Expert	255

5-Meter Air Rifle

RULES: NRA 5-meter BB Gun Rule Book #CC 16410
<http://www.rulebooks.nra.org/documents/pdf/compete/RuleBooks/Bbgun/bb-book.pdf>

All air guns must be 800 fps or less.

The following 4-H rules supersede the NRA rules:

CLASSES: *BB:

**BB Scoped: Any air gun with either rifled or smooth bore barrels is permitted, such as Daisy 845, 840, or Crossman 760. Only round .177 (4.5mm) steel BBs are permitted as ammunition.

*Smoothbore Pellet:

**Smoothbore Pellet Scoped: Any air gun with a smooth bore barrel is permitted, such as Daisy 845, 840, or Crossman 760. Only .177 (4.5 mm) flat nosed lead pellets are permitted as ammunition.

*Rifled Pellet:

**Rifled Pellet Scoped: Any air gun with a rifled barrel is permitted, such as Daisy 880. Only .177 (4.5 mm) flat nosed lead pellets are permitted as ammunition.

SIGHTS: *A hooded front sight with interchangeable aperture inserts and adjustable rear peep sights may be used in place of the blade and ramp front and open rear sight with elevation adjustment. (Rule 3.7c) **(See Appendix)**

**Scopes with a maximum power of 6X. Variable scopes may be used but must be taped and immobilized at the 6X setting.

STOCKS: Factory-installed stocks may be altered in length only. (Rule 3.4) **(See Appendix)**

WEIGHT LIMIT: Not to exceed 6 lb., excluding the sling. (Rule 3.12) **(See Appendix)**

SLINGS: Slings are permitted—not to be wider than 1¼ inch. (Rule 3.13) **(See Appendix)**

KNEELING: A cylinder cushion for use in the kneeling position only, not more than 9.84 inches long and 7.08 inches in diameter (Rule 3.14.1) **(See Appendix)**

**SHOOTING
EQUIPMENT:**

No footwear higher than the ankle that would give artificial support or gloves are permitted. (Rule 3.11) (**See Appendix**) (*Note: Individuals wearing lace-up boots or high-topped shoes may be asked to loosen the laces.)

Junior I (8–9)

Elbow padding will be permitted.

Junior II (10–11)

Elbow padding and upper arm sling padding or a cloth shooting jacket may be used.

Junior III (12–13)

Elbow padding and upper arm sling padding or a cloth shooting jacket may be used.

TIME LIMIT:

1 minute per record shot (10 minutes per position) with 3 minutes preparation period for each position.

COURSE OF FIRE:

Junior I will fire 30 shots sitting at a table. Shooters can have only one point of contact with their rifle and the table, that being on top of the front sandbag. Shooters must have the buttstock against their body up off the table. Multiple sandbags may be stacked for the front bag, but buttstock cannot have sandbags under it.

Junior II will fire 30 shots sitting at a table. Shooters who shoot off of elbows on table must support the rifle with at least their front elbow on the table, with the buttstock against their shoulder off of the table. This means their elbow has to be on the table with the forearm and wrist off of the table. They cannot lay their arm out straight in front of them resting on the table. Their rear elbow can be off or on the table, but the gun cannot touch at any point.

Junior III

3 positions (Rule 7.1) (See Appendix)

Prone 10 shots

Standing 10 shots

*Kneeling 10 shots

***See Rule 5.10 in Appendix for definition of kneeling.**

Note: Competitors are responsible for bringing their own blocks and sandbags.

TARGETS: Daisy #5815 or #AR 4/10 5-meter (16½ feet) air rifle target, 10 record bull; 1 record shot per bull.

RECOGNITION LEVELS:

	10m Air Rifle; Jr I, II, III; Sr I, II, III
Recognition	Min. Score
Marksman	90
Sharpshooter	135
Expert	195
Distinguished Expert	255



Junior I



Junior II

Must choose to shoot from the table or 3-Position (prone, standing, kneeling)

10-Meter Air Rifle

RULES: 2016–2018 National Standard 3-Position Air Rifle rules (can be found at <http://www.odcmp.com/3P/Rulebook.htm>)

The following 4-H rules supersede the CMP rules:

All air guns must be 800 fps or less.

CLASSES:

Trainer – AR:

Trainer – AR Scoped: Sporter Air Rifle, not to exceed 7.5 lb.

.177 caliber pellet rifle, cost under \$100—Daisy #1170 or equal.

Sporter – AR:

Sporter – AR Scoped: Sporter Air Rifle, not to exceed 7.5 lb.

Daisy Model 853, or costing more than \$100 but less than \$500.

Sporter class rifles must be low-cost, entry-level air rifles. Air rifles approved for this class are the Daisy Model 853/953/753 (pneumatic), Daisy Model 888 (CO₂), Crossman Model 2000 (CO₂), and Avanti XSV40 Valiant (compressed air). Any air rifle not included in this list that complies with the requirements of these rules may be used with approval of match director.

Precision – AR:

Precision – AR Scoped:

Precision Air Rifle, not to exceed 12.2 lb.

No cost restrictions.

AMMUNITION: .177 (4.5 mm) flat nosed lead pellet

SIGHTS:

*Metallic – any sight not containing lens or system of lenses. Hooded front sight with changeable aperture inserts and micrometer adjustable rear peep sight will be permitted.

**Scoped – any telescopic sight, not to exceed 6X. Variable scopes may be used but must be taped and immobilized at the 6X setting.

SLINGS:

Slings are permitted, not to be wider than 1.25 inch (Sporter & Trainer Class) or 1.6 inch (Precision Class).

KNEELING:

One cylindrical roll for shooting in the kneeling position is allowed.

ROLLS: *The roll cannot be longer than 10 inches or wider than 7.2 inches.*

STOCKS:

The stock may be adjustable in length, and the cheek-piece may be adjustable in height. The stock may have a vertically adjustable butt plate. These adjustments (length of stock, vertical position of butt plate, height of cheek-piece) must remain the same in all three positions and may not be changed during a competition. Thumb hole, thumb rest, palm rest, and hand heel rest are prohibited.

CLOTHING: Shooting jackets and special shooting pants are not permitted in Trainer or Sporter Classes. Up to two loose-fitting shirts or sweatshirts may be worn in Trainer and Sporter Classes. Shooting jackets are permitted in the Precision Class.

COURSE OF FIRE:

Junior I Will fire 30 shots sitting at a table. Shooters can have only one point of contact with their rifle and the table, that being on top of the front sandbag. Shooters must have the buttstock against their body up off the table. Multiple sandbags may be stacked for the front bag, but buttstock cannot have sandbags under it.

Junior II 3 positions
Prone 10 shots
Standing 10 shots
*Kneeling 10 shots

OR**

Will fire 30 shots sitting at a table. Shooters who shoot off of elbows on table must support the rifle with at least their front elbow on the table, with the buttstock against their shoulder off of the table. This means their elbow has to be on the table with the forearm and wrist off of the table. They cannot lay their arm out straight in front of them resting on the table. Their rear elbow can be off or on the table, but the gun cannot touch at any point.

**Once a position option is selected, the shooter must use that option for all competitions in the year.

Junior III & older (12–18) 3 positions
Prone 10 shots
Standing 10 shots
*Kneeling 10 shots

***See Rule 5.1.3 in Appendix for definition of Kneeling.**

TIME LIMIT:

Shooting time (including sighting shots) will be 15 minutes prone, 15 minutes kneeling, and 20 minutes standing.

Junior I and II times will coincide with position shooters' times. The range officer will decide before the match begins whether or not sighting shots will be allowed.

TARGET:

Daisy #5818 or #AR – 5/10-10 meter (33 feet) air rifle target, 10 record bull target: 1 record shot per bull.

Note: Competitors are responsible for bringing their own blocks and sandbags.

RECOGNITION LEVELS:

	10m Air Rifle; Jr I, II, III; Sr I, II, III
Recognition	Min. Score
Marksman	90
Sharpshooter	135
Expert	195
Distinguished Expert	255

.22-Caliber Rimfire Rifle

RULES: NRA Small Bore Rifle Rules: #CR 16750
The following 4-H rules supersede the NRA rules:

AGES 10–13 CLASSES:

Light Rifle – Open Sights: Light rifle, restricted to post with bead or blade and ramp and adjustable open rear sight (notch or “V”).
Weight: Not to exceed 8.5 lb.

Light Rifle – Peep Sights: Light rifle equipped with peep sights, globe front with interchangeable aperture inserts, and a rear sight with micrometer click adjustments for windage and elevation.
Weight: Not to exceed 8.5 lb.

Light Rifle – Optical Sights: Light rifle equipped with telescopic sights. Optical sights not exceeding 6X may be used. Variable scopes may be used but must be immobilized at the 6X setting.
Weight: Rifle only, not to exceed 8.5 lb.

Junior Rifle –
Metallic Sights Only: There will be no restrictions on barrel length or overall weight of the rifle. It may not be equipped with a thumbhole stock, Scheutzen-type butt plate (with hook), or palm rest. (Rule 3.4)
Adjustable-length stocks are permitted.
Sights: Metallic [Rule 3.7 (A) (I)] (**See Appendix**)

Precision Rifle: Any rifle: There are no restrictions on the barrel length or overall weight of the rifle and accessories. Thumbhole stocks are permitted. Scheutzen-type butt plates with hook are also permitted. (Rule 3.2) (**See Appendix**)

TARGETS: A-32, 5 record bullseye (1 for sighting shots) for all Light Rifle Classes (Open Sight, Peep Sight, and Optical Sight). Two shots per bullseye.

A-36, 10 record bullseye (2 for sighting shots) for Junior and Precision Classes. One shot per bullseye.

GENERAL: Small Bore Rifle Rules #CR 16750

Rule 3.8 Spotting scopes are permitted. (**See Appendix**)

3.9 Shooting kits are permitted, including table or stand. (**See Appendix**)

3.10 Ground cloth or shooting matt is permitted. (**See Appendix**)

3.11 Shooting gloves may be worn. (**See Appendix**)

- 3.12 Padding – a shooting coat with shoulder pads, sling pads, and elbow pads may be worn while shooting, provided they do not give artificial support. **(See Appendix)**
- 3.13 Slings may be used except in the standing position. Sling cuffs may be used in the prone and kneeling positions. **(See Appendix)**
- 3.14.1 One kneeling roll is permitted. It can be no longer than 9.84 inches and no wider than 7.08 inches. It must be made of soft, flexible material. **(See Appendix)**

Ammunition: .22 short, .22 long, or .22 long rifle calibers, bullets not more than 40 grains. **Hollow point ammunition is allowed. No magnums are allowed.**

COURSE OF FIRE & TIME:

NRA 3 position (prone, standing, kneeling - IN THAT ORDER) at 50 feet.

10 shots prone 10 minutes total

10 shots standing 20 minutes total

*10 shots kneeling 15 minutes total

***See Rule 5.10 in Appendix for definition of kneeling.**

There will be a 3-minute preparation period for each position. There will be a 5-minute period to fire sighters in the prone position. After 5 minutes, the range will be called cold and shooters may check their targets. Once first record shot has been fired, no further sighting shots are allowed.

AGES 14–18 CLASS: Senior Rifle – Only class.

CMP SPORTER RIFLE MATCH

8.0 CMP Rimfire Sporter Rifle Matches Rule 8.0 defines specific conditions and requirements that apply to CMP Rimfire Sporter Rifle Matches.

8.1 Rimfire Sporter Competitions 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 sportertype, .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 Rifle Matches are strictly limited in order to prevent an “equipment race” from occurring in the Rimfire Sporter discipline

Target: B-19 Pistol Target (use six targets for seniors)

Distance: 25 yards and 50 yards.

Course of Fire: 60 shots for record.

50 yards:

Prone position – 10 shots slow fire and 10 shots rapid fire.

Sitting or kneeling – 10 shots slow fire and 10 shots rapid fire.

25 yards:

Standing – 10 shots slow fire and 10 shots rapid fire.

Time Limit: Slow fire – 10 shots in 10 minutes; rapid fire – 5 shots strings in 25 seconds for semi-automatic firearms or 30 seconds for manually repeating firearms.

Ammunition: .22 short, .22 long, or .22 long rifle bullets, not more than 40 grains. **Hyper-velocity ammunition is allowed. Hollow point ammunition is allowed. Magnums are not allowed.**

Equipment: Rifle must have a standard sporter-type stock that may be constructed of wood or synthetic material. **Thumbhole stocks are not permitted. Fluted barrels are not permitted.** The overall weight of the rifle, including sights and sling, may not exceed 8.5 lb. Any type of action, semi-automatic or manually operated with a trigger pull of at least 3 lb. may be used. Sights: Open sights, aperture sights, or optical sights not exceeding 6X may be used. Variable scopes may be used but must be taped and immobilized at the 6X setting.

NGB: CMP Competition Rules (most recent printing).

Information: <http://www.odcmp.com/Competitions/Rulebook.htm>

There will be a 3-minute preparation period for each position. There will be a 5-minute period to fire sighters in the prone position. After 5 minutes, the range will be called cold and shooters may check their targets. Once first record shot has been fired, no further sighting shots are allowed.

RECOGNITION LEVELS:

	.22 Rifle; Jr II, III ; Sr I, II
Recognition	Min. Score
Marksman	90
Sharpshooter	135
Expert	195
Distinguished Expert	255

Standard rimfire sporter rifles must be sporter-type rifles of conventional appearance. Rifles must have a standard sporter-type stock constructed of wood or synthetic material. The stock may have a Monte Carlo cheek piece but may not have an orthopedic or asymmetrically shaped pistol grip. Adjustable cheek pads are not permitted. The stock may have a fixed sling swivel on the fore-end. Thumbhole stocks, stock adjustments of any type (adjustable butt plates, adjustable cheek pieces, etc.) and rails or adjustable sling swivels are not permitted.

Allowed: This is a standard sporter-type stock.



Not allowed: These are considered tactical because of the pistol grip.



50-Yard Bullseye Muzzleloading Rifle

*Junior II and Junior III participants will compete using the 50-yard Bullseye target only.
SENIORS (AGES 14-18) ARE REQUIRED TO SHOOT AT ALL THREE TARGETS:
BULLS, BOTTLES, AND CRITTERS.*

Instructor or person assisting participant will be required to maintain control of percussion caps during contests!

RIFLES ALLOWED: *Replica*—Primitive replicas (percussion cap or flintlock), any caliber.
Inline—Modern muzzleloading rifle with in-line ignition, any caliber.

CLASSES: Metallic Sights – A muzzleloader with metallic sights is defined as having a sighting system made of metal or equivalent materials that provide a means of aligning two separate, visible sights or reference points mounted on the rifle. (Partridge-type iron sights and aperture sights, both front and rear, are permitted.)
Any Sights – A muzzleloader with the above described metallic sights or any optical sighting device with any magnification that does not project an image onto the target is permitted.

AMMUNITION: Any projectile of proper caliber for the firearm is legal.

POWDER: Factory-made sporting black powder or black powder substitute. (Black powder substitute pellets are permitted.) The maximum powder charge allowed is 60 grains of black powder or its equivalent. All powder must be in premeasured loads. No open containers of powder are allowed on the firing line or loading benches of any range. Shooters must have a minimum of 20 premeasured loads per event and may be randomly checked by range officer to ensure compliance.

COURSE:

Junior II: Position: Standing – may use cross sticks and be assisted by an adult.
Shots: 15 shots at 50 yards for record.
Sighting Shots: Unlimited on a separate target within the time allotted.
Time: 1 hour.
Assistance: An adult may help junior participants load their firearms.

Junior III: Position: Standing - may use cross sticks
Shots: 5 at 50 yards for record.
Sighting Shots: Unlimited on a separate target within the time allotted.
Time: 30 minutes.
Assistance: An adult may help junior participants load their firearms.

Seniors: Position: Standing Shots: 5 at 50 yards for record.
Sighting Shots: Unlimited on a separate target within the time allotted.
Time: 30 minutes.
Assistance: Senior participants must load their firearms, but an adult may cap the firearms.

TARGET: NMLRA target number TG2406.

Note: Used film canisters can be used as inexpensive “quick loads.”

RECOGNITION LEVELS:

	Muzzleloader Jr II	Muzzleloader Jr III Sr I, II
Recognition	Min. Score	Min. Score
Marksman	45	65
Sharpshooter	55	80
Expert	70	105
Distinguished Expert	85	125

25-Yard Bottles and Critters Muzzleloading

*Junior III and above will compete in Bullseye and Bottles and Critters as one event.
JUNIOR III AND ABOVE ARE REQUIRED TO SHOOT AT ALL THREE TARGETS:
BULLS, BOTTLES, AND CRITTERS.*

Adults assisting youth will be required to maintain control of percussion caps during contests!

RIFLES ALLOWED: *Replica* – Primitive replicas (percussion cap or flintlock), any caliber.
Inline – Modern muzzleloading rifle with in-line ignition, any caliber.

CLASSES: Metallic Sights – A muzzleloader with metallic sights is defined as having a sighting system made of metal or equivalent materials that provide a means of aligning two separate, visible sights or reference points mounted on the rifle. (Partridge-type iron sights and aperture sights, both front and rear, are permitted.)

AMMUNITION: Patched round ball or cast lead bullets. Sabots with jacketed bullets are not permitted.

POWDER: Factory-made sporting black powder or black powder substitute. Black powder substitute pellets are permitted. The maximum powder charge allowed is 60 grains of black powder or its equivalent. All powder must be in premeasured loads. No open containers of powder are allowed on the firing line or loading benches of any range. Shooters must have a minimum of 20 premeasured loads per event and may be randomly checked by range officer to ensure compliance.

SHOOTING POSITION: All shooting is from the standing position.*
**Junior IIIs may use cross-sticks.*

COURSE OF FIRE: 5 record shots on each target, 1 per record bull, unlimited sighting shots (on a separate target) at 25 yards in the time allotted.
An adult may assist junior participants with the loading of their firearms. Adults may not assist senior I or II participants with loading, but they may cap the firearm.

TIME LIMITS: One hour running time for 10 record shots.

SCORING: Bottles: as outlined on the target.
Haffner: highest scoring area touched by ball.

TARGETS: NMLRA Bottle Target (TG2427) and NMLRA Haffner Combination Target (TG901)
(Available from NMLRA-1-812-667-5131)

Archery

There are five competition categories for archers:

- Junior I (age 8–9)
- Junior II (age 10–11)
- Junior III (age 12–13)
- Senior I (age 14–15)
- Senior II (age 16–18)

Male and female archers will be scored separately.

- CLASSES:** Equipment will fall into five classifications:
1. Bare Bow Equipment
 2. Recurve Equipment
 3. Standard Compound Equipment
 4. Compound Bare Bow
 5. Unlimited

Electronic devices are not permitted in any class.

For all classifications shooting from 18 meters, peak draw weight must be 60 pounds or less!

For all archers shooting from 9 meters, peak draw weight must be 35 pounds or less!

ARROWS: Any safe shaft material may be used, including carbon and graphite. No fiberglass arrows. Participants must bring at least six arrows of the same size and length to the event. Arrows must be checked with bows during equipment check-in. **Competitors must use a quiver that is not attached to the bow (hip or ground quivers).** No broadheads will be allowed.

COURSE: **Junior I:** Archers will shoot four ends of five arrows each (20 arrows total) from 9 or 18 meters at an official NAA (National Archery Association) target. 10-pound minimum peak draw and 35-pound maximum peak draw at an official NAA (National Archery Association) target. The lowest end will be dropped.

Junior II: Archers will shoot four ends of five arrows each (20 arrows total) from 9 or 18 meters at an official NAA (National Archery Association) target. The lowest end will be dropped. After the participant selects a distance, that distance will be used for all competitions in the year. The same distance must be used in all archery categories in which the participant shoots.

Junior III: Archers will shoot four ends of five arrows each (20 arrows total) from either 9 meters or 18 meters at an official NAA (National Archery Association) target. The lowest end will be dropped. After the participant selects a distance, that distance will be used for all competitions in the year. The same distance must be used in all archery categories in which the participant shoots.

Senior I and II: Archers will shoot four ends of five arrows each (20 arrows total) from 18 meters at an official NAA (National Archery Association) target. The lowest end will be dropped.

Bare Bow Class

1. Bow: Any type that subscribes to the accepted meaning of BOW as used in target archery. An instrument consisting of a handle, riser, two flexible limbs with string nocks. The bow is braced by a single bowstring attached to the limb nocks. Operation is performed by holding the bow in one hand, while drawing, holding and releasing the string with the other hand. The bow must be bare, except for the arrow rest. NO AIDS FOR AIMING are allowed.
2. Bowstring: Center serving with one/two nock locators is permitted. The serving ends must not be visible to the competitor when the bow is at full draw. NO AIDS FOR AIMING are allowed.
3. Arrow rest: Adjustable or moveable pressure button or arrow plates are acceptable. Electronic devices are not permitted.
4. Arrows: Any type of arrow that does not damage target or buttness will be allowed. Arrows will be the same length and marked with competitor's name or initials.
5. Finger protection: Fingertip gloves, shooting tabs, or tape to draw, hold back, and release string are permitted. NO device may be used to assist the finger release. No mechanical release permitted.
6. Field glasses or other visual aids may be used.
7. Arm guards, dress shields, bow slings, quivers, and tassels are allowed.

Recurve Class

1. Recurve class uses a bow of simple recurve design, either takedown or one-piece construction. Brace by a single string attached to string nocks only, using finger release. No mechanical release permitted.
2. Arrow rest must be simple in design, may be rigid or flexible. It must extend no farther back than 2 cm from the throat of the handle.
3. Draw check indicator may be audible or visual, giving only draw length.
4. Any bow sight that does not project an image on the target is allowed.
5. Any safe shaft material may be used for arrows. Nocks must be simple construction; points must be conical or oval. Vanes must be soft plastic or natural feathers.
6. Shooting tabs and finger protection, such as leather shooting gloves, may be used.

7. Field glasses or other visual aids may be used.
8. Stabilizers of any length are permitted.

Standard Compound Class

1. Compound bow draw is mechanically varied by systems of cams and pulleys. The bow brace may be a single bowstring between two string nocks of bow cables.
2. Any bowstrings that allow bow strands to accommodate finger draw or release aid are acceptable. Nocking point may be fitted to the center serving. Devices for lip/nose mark, peep-hole aiming, and hold-in-line are permitted.
3. Audible and visual draw check indicators are permitted. Electronic draw check indicators are not permitted.
4. Bow sight pin, peep, or pendulum sights are allowed for windage/elevation by screw adjustment. Electronic aiming devices are not permitted.
5. Stabilizers/torque flight compensators are acceptable providing they do not do any of the following:
 - a. Serve as a string guide
 - b. Touch anything but the bow
 - c. Represent any obstacle to others
 - d. Exceed 12 inches
6. Finger tabs, gloves, tabs, or release-aids may be used.
7. Field glasses or other visual aids may be used.
8. Braces, dress shields, quivers, tassels, and foot marks are allowed.

Compound Bare Bow Class

Any compound shot without sights or pins and by fingers is allowed.

Unlimited Class

Generally all types of additional devices may be used, with the exception of draw-locking devices. Examples of authorized equipment include leveling devices, magnified sights, and stabilizers longer than 12 inches.

MATCH CONDUCT: Other than specific rules listed here, NAA rules will generally apply except for the official NAA dress code. Rulebooks are available from

*National Archery Association of the U.S., Inc.
One Olympic Plaza
Colorado Springs, CO 80909-5778
719-866-4576*

ARCHERY RANGE RULES:

1. Bows and arrows must be cased during events except while the archer is shooting.
2. Competitors must use quivers. Only quivers that are not attached to a bow may be used (hip or ground quivers).
3. During competition, the archer may draw his or her bow ONLY when standing on the shooting line, even if there is no arrow in the bow.
4. Archers may not draw at an angle significantly above the line of flight to the target (sky draw).
5. When time control is used at a tournament, archers may not raise their bow arms until the signal to begin shooting has been sounded.
6. Any archer shooting an arrow before the signal or after the signal denoting such time limit shall forfeit the highest-scoring arrow for that end.
7. An arrow shall be deemed as not having been shot if the archer can touch it with his bow without moving his feet from the position in relation to the shooting line.
8. These rules apply when a rebound occurs with multiple archers shooting at the target:
 - a. All archers will stop shooting but remain on the shooting line with their bows held above their heads.
 - b. Unless all arrow holes are suitably marked on each occasion when arrows are scored and drawn from the target, arrow rebounding or passing completely through the buttress will not be scored.
9. Neither the arrows nor the target face may be touched until all arrows on the target have been recorded.
10. All arrow holes must be marked, but only after all arrows on the target have been scored.
11. Except for people who have physical limitations, archers must shoot from a standing position and without support, with one foot on each side of the shooting line, or with both feet on the shooting line.
12. Tournament officials will score and tabulate all scorecards.
13. While an archer is on the shooting line, he/she must not receive any assistance or information from anyone or by any means, other than for the purpose of correcting an equipment failure or for safety.
14. Should the shaft of an arrow touch two colors or touch any dividing line between scoring zones, under FITA rules, that arrow will score the higher value of the zones affected.
15. The maximum time for an archer to shoot five arrows is 5 minutes.
16. Arrows that are embedded in the buttress but not showing on the face can be scored only by a judge.
17. The scorer and the archer will sign scorecards to indicate that the archer agrees with the value of the arrow. The archer is not signing that he/she agrees that the scorecard has been added correctly.

TARGETS: Junior I, Junior II, and Junior III competitors use NAA bullseye targets and may choose to shoot at 9 meters or 18 meters. Seniors I and II use NAA bullseye targets at 18 meters.

Shot values will range from 10 to 1.

- ◆ Recurve, bare bow, and compound bare bow divisions will shoot the NAA 60 cm target face.
- ◆ Compound division will shoot the NAA 40 cm target face but may elect to shoot a five-bull 40 cm target to prevent arrow stacking.
- ◆ Unlimited division will shoot NAA 40 cm target but may elect to shoot a five-bull 40 cm target to prevent arrow stacking.

RECOGNITION LEVELS:

	Archery
Recognition	Min. Score
Qualifier	60
Bowman	90
Archer	105

Shotgun

SHOTGUNS ALLOWED:

Any 12-gauge or smaller shotgun in good, safe working condition is allowed. The shotgun should be capable of holding two shells and firing them in quick succession. Shotguns with adjustable combs and/or butts may be used. No shotguns with a tactical frame or pistol grip are allowed.

AMMUNITION:

Only factory-loaded target shells of shot size 7½ to 9 (inclusive) will be allowed. Nothing over 3¼ drams, 1⅛ ounce shot or shot size larger than 7½ will be permitted. Ammunition speed should be 1300fps or less. For safety reasons, reloaded ammunition is not permitted for this event. No tracking ammunition with orange or brightly colored wad allowed.

COURSE:

The basic event will consist of 15 clover clay targets. Participants will get two warm-up shots; one flyer from each thrower at station one. All participants will see the same target pattern. Where ties exist, the participants who are tied and are still on the property at the end of the shooting will shoot doubles from the middle station until the ties are broken. This means that a shooter must break both targets on a station in order to beat a shooter who broke only one target (i.e., if one shooter breaks the first target and another shooter breaks the second target, they are still tied). Tied participants who have left the property before ties are discovered will assume the next lower placing (will wait no more than 15 minutes unless on another range).

SCORING:

A designated official will score targets. Only legal targets will be scored. When there is a question of whether the target was hit or missed, the scorer and two pullers will together decide, and the majority will rule. Officials may ask assistance from the trap puller or the range official if they feel that assistance is required. If a shooter hits two targets in one shot, then those two targets must be reshot in order to establish a fair pair. The participant will sign target scorecards indicating that he or she agrees the score is correct.

FIREARM MALFUNCTIONS:

Failure of the shotgun to fire due to mechanical defect will be considered firearm malfunction. Shooter error in loading or operating the firearm does not constitute a malfunction. Examples of shooter error include failure to load the firearm or to load the proper barrel; failure to place the safety in the “fire” position; failure to load two cartridges when shooting two shots is necessary, as in the second shot at a single target and when doubles are thrown; failure to properly close the action or operate the slide on a pump action shotgun; loading empty shells; or using improperly sized ammunition. A maximum of two malfunctions will be permitted per round of 15 targets, with additional failures to fire being scored as lost. During shoot-off, malfunctions are handled the same. Two malfunctions and nothing is established.

MATCH CONDUCT: Generally, National Sporting Clays Association rules will apply. NSCA rules permit two shots at single targets and permit a second shot at the first target in doubles if the first shot misses. For the flight of doubles, “a fair pair in the air” is required or “nothing is established.”

<http://nsca.nssa-nsca.org/rule-book/>

Rulebooks are also available from:

*National Sporting Clays Association
PO Box 68007
San Antonio, TX 78263
Telephone: 512-688-3371*

Examples of what is not permitted to use in 4-H Shooting Sports

PISTOL GRIP



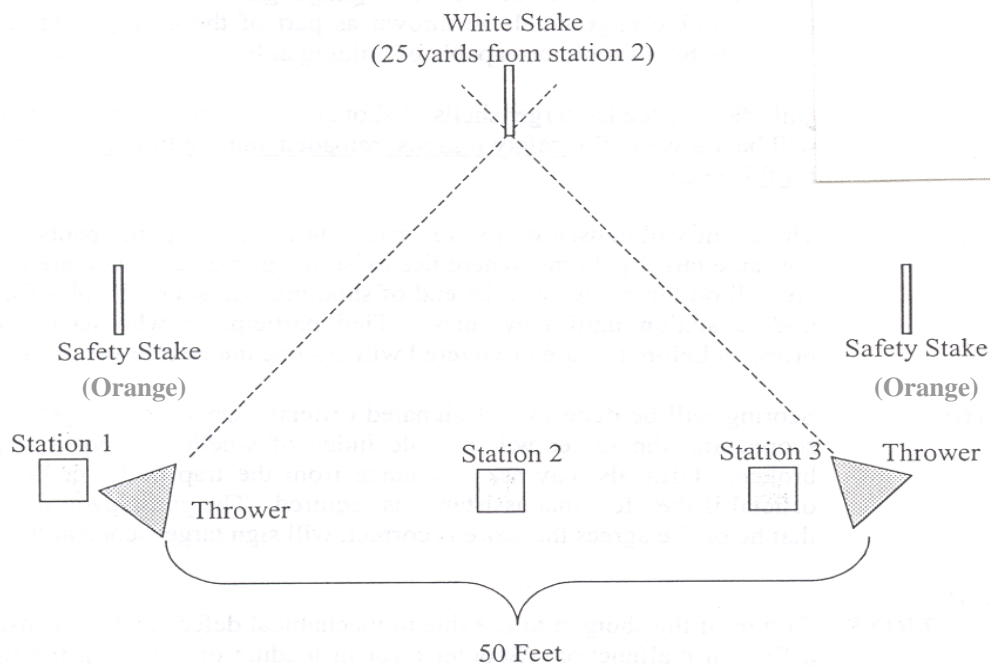
PISTOL GRIP



FIXED STOCK



Range Layout for Shotgun



NOTE: Throwers should be set to throw across white stake at the same level about 20 feet high.

Stations 1 and 3 should be set up 4 to 5 feet to the left of the throwers.

The orange stakes are safety stakes. **They should be positioned 25 feet from Stations 1 and 3 and offset 7 feet outbound.** When a shooter is at any station, his or her gun should never pass behind the orange stakes. Use paint to make a box on the ground at each station. It should be big enough for the shooter's foot to fit inside.

COURSE OF FIRE:

- ♦ **From Station 1:** 1st target from closest thrower, 2nd target from far thrower, 1 pair of doubles (one from each thrower at the same time), 5th target – rabbit* from far thrower.
- ♦ **From Station 2:** 1st target from left thrower, 2nd target from right thrower, 1 pair of doubles (one from each thrower at the same time), 5th target – rabbit* from shooter's choice of thrower.
- ♦ **From Station 3:** 1st target from closest thrower, 2nd target from far thrower, 1 pair of doubles (one from each thrower at the same time), 5th target – rabbit* from far thrower.

*Note: Rabbit targets must be broken before passing the white stake that marks the center of the course. Rabbit targets that are shot at after passing the white stake will be counted as misses. A

course of fire that permits flight targets instead of rabbits where range configuration precludes throwing rabbit targets is allowed. Final decision left to event management.

RECOGNITION LEVELS:

	Shotgun Jr II, III Sr I, II
Recognition	Min. Score
Marksman	6
Sharpshooter	8
Expert	10
Distinguished Expert	11

Suggested Shooting Gate for Shotgun Events

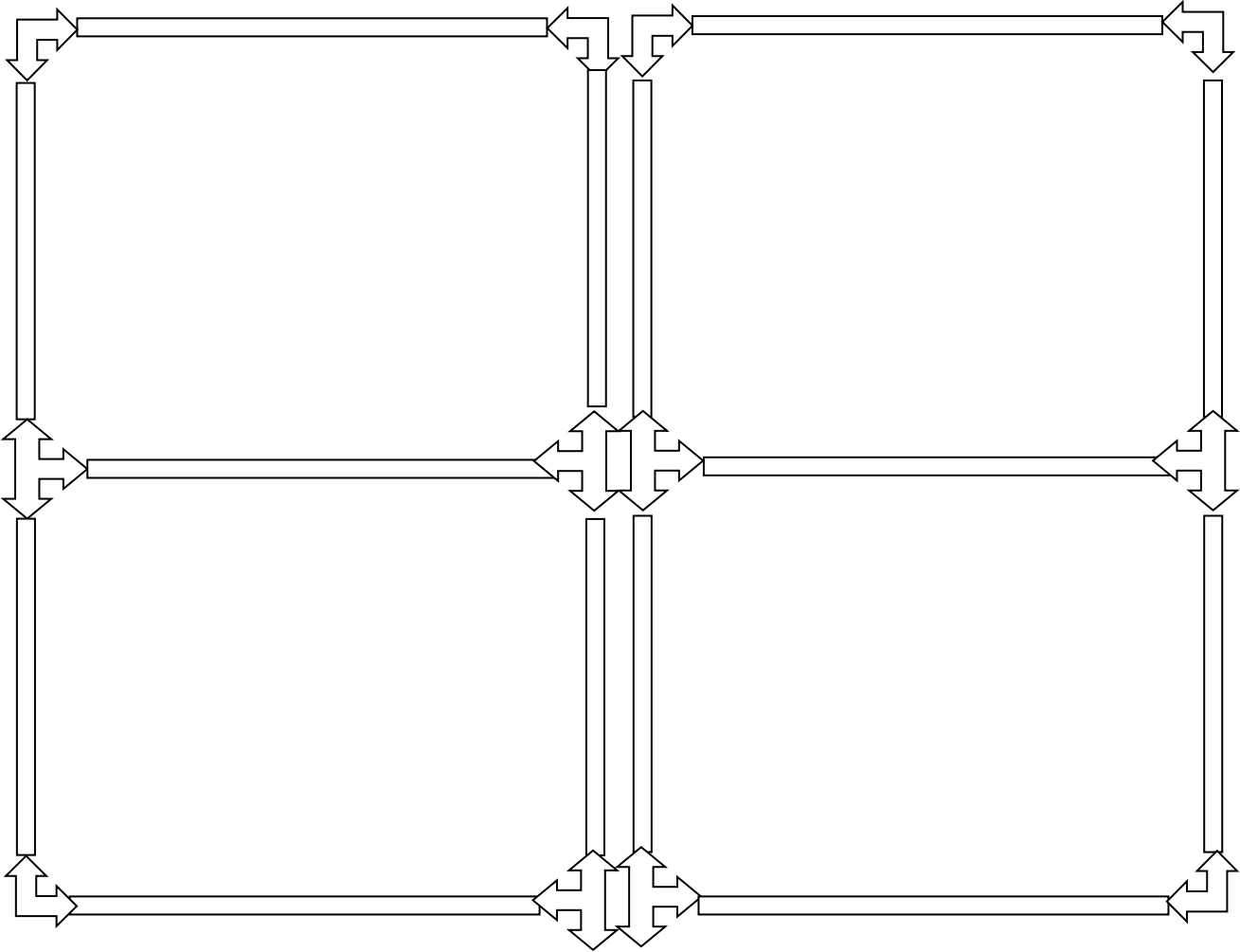
Shooting gate is constructed of

8 pieces of 3-foot PVC pipe at least 1 inch in diameter (vertical pieces)

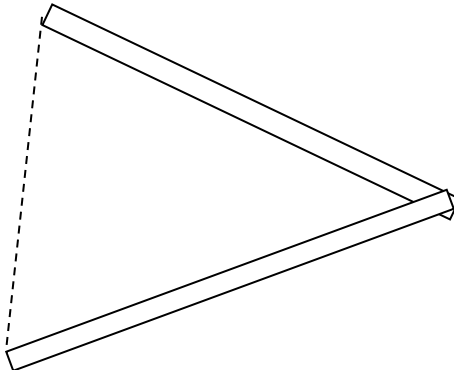
6 pieces of 4-foot PVC pipe at least 1 inch in diameter (horizontal pieces)

8 PVC elbows 4 PVC tees

Fasten two sections together with three cable ties (one at top, one above center section, and one at bottom) for stability and so they will fold for portability.



Gates should be placed so that the front edges are no more than 4 feet apart. Use spray paint to draw line between front edges of the gate for safety zone. Do not allow shooter to step outside this box.



Hunting

AMMUNITION: NO LIVE FIRE!

COURSE: Hunting trail stations will consist of various scenarios involving animals and hunters. Trail scenarios may be outdoor mockup, indoor photos, or interactive videos. An adult group leader will lead participants through the trail and read the scenarios aloud. Group size depends on number of range personnel and participants. Sharing information is not allowed.

Junior I, II, and III participants will visit a minimum of four stations and a maximum of six stations.

Senior I and II participants will visit a minimum of eight stations and maximum of 10 stations.

An age-appropriate written exam will be administered.

SCORING: Hunting trail scorecards will be numbered for each respective station. For each scenario given, participant will circle “shoot” or “don’t shoot” on the scorecard. Each correct answer earns 5 points. The written exam is worth up to 100 points.

In the event of a tie for an award, the challenger with the higher level of achievement on the written exam will be declared the winner. If a tie remains, the challenger with the higher level of achievement on the Hunter Decision Making trail will be declared the winner.

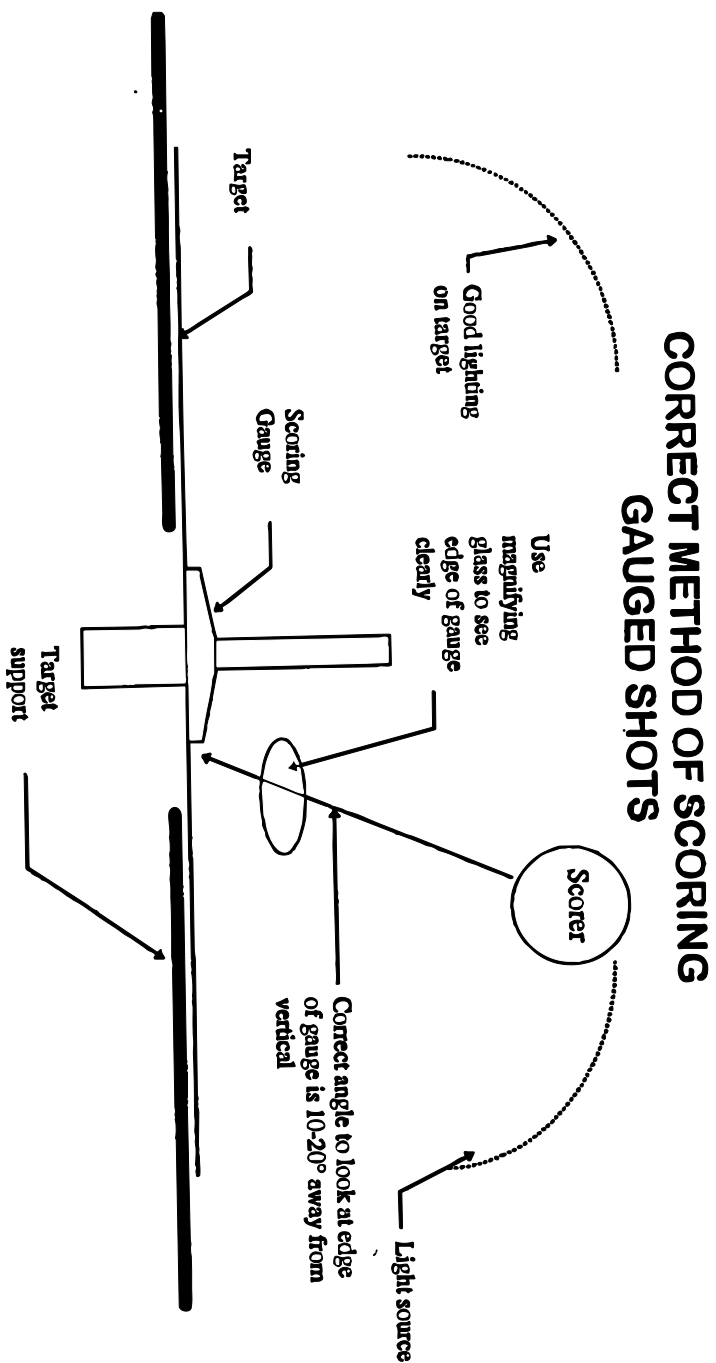
Recognition will be given in the following categories:

- Highest test score
- Highest Hunter Decision Making score
- Overall high score

RESOURCES:

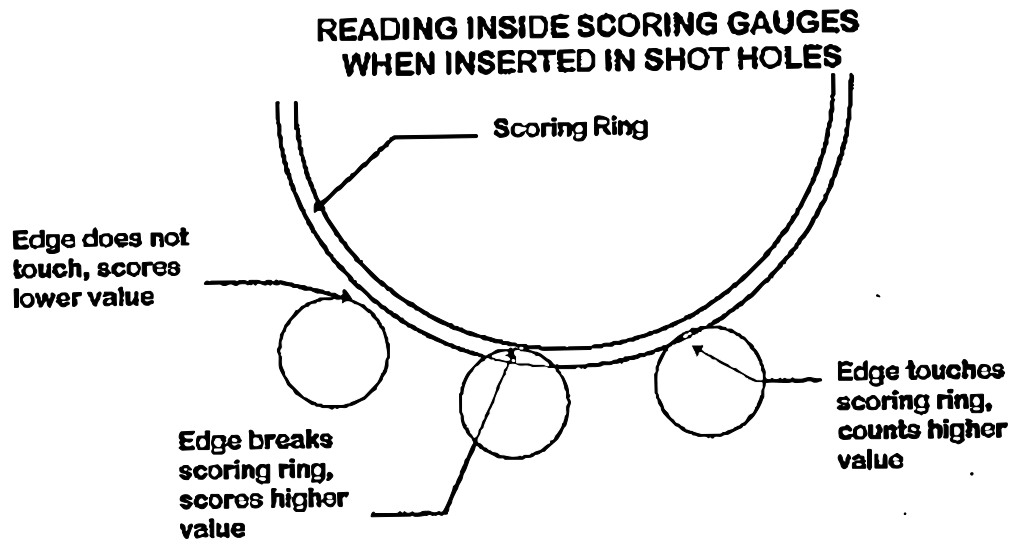
<https://national4hshootingsports.files.wordpress.com/2020/01/4-h-ss-hunting-member-manual-final.pdf>

Guidelines for Scoring Paper Targets



Applying the correct method of scoring with a scoring gauge includes 1) placing the target horizontally on a support, 2) having the target well-lighted, 3) looking at the edge of the gauge from a slight angle and 4) using a magnifying glass whenever necessary.

Inward Scoring Gauges



If you can see even a faint black gap between the edge of the scoring gauge and the outside edge of the white scoring ring, the shot receives the lower value. If you cannot see a gap and the gauge touches the outside edge of the scoring ring, the shot receives the higher value.

A shot that touches is IN.

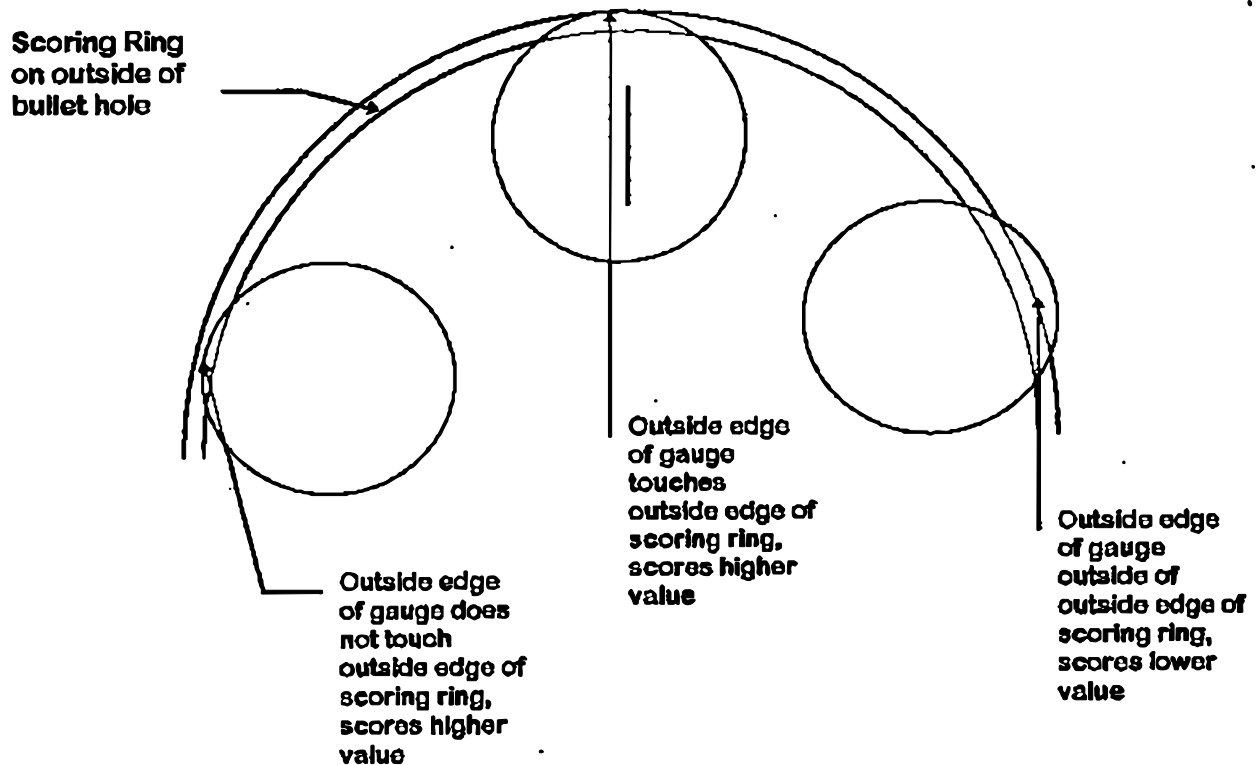
A shot that does not touch is OUT.

Outward Scoring Gauges

If you can see white between the outside edge of the scoring gauge and the outside edge of the outer white scoring ring, the shot receives the higher value. If you cannot see white but can see that the outside edge of the gauge just touches or is tangent to the outside edge of the scoring ring, the shot receives the higher value. If any part of the outside edge of the scoring gauge lies outside the outside edge of the scoring ring, the shot receives the lower value.

If the outside gauge does not touch or just touches the outside of the ring, the shot is IN.

If any part the outside gauge lies outside of the ring, the shot is OUT.



Where Can I Get Targets?

B-40, AR-4/10, A-32, and AR 5/10 only are available from the MSU Extension Service Printing Department as part of regular Extension county print requests. Contact Chris Sowers at (662) 325-2164.

Most Paper Targets

National Target Company
4960 Wyaconda Rd
Rockville, MD 20852-2444
<http://www.nationaltarget.com/>
Phone: 1-800-827-7060
Fax: 1-301-770-7892
(20% discount to government agencies,
including MSU)

Archery Targets

Mike Pope
662-418-2997
gtrbassman@yahoo.com
(Please submit all target orders by email.)

Muzzleloading Bottles and Critters Targets

National Muzzleloading Rifle Association
PO Box 67
Friendship, IN 47021
<http://www.nmlra.org/>
812-667-5131

Shotgun Clay Targets, Including Rabbits

Starkville Gun Club
2125 Sixteen Section Road
Starkville, MS 39759
Contact: Clark Hartness
Cell: [662.324.5353](tel:662.324.5353)
Pickup MUST be coordinated in advance
and made in person!

.22 Rifle Silhouette Targets

Ray Schafer
2321 Piney Mountain Church Rd
Bostic, NC 28018
828-245-8168

All Full Size, ¾ size, ½ size, and Small Bore Metallic Silhouette Targets

Customer Manufacturing Co.
5501 S Lamar St
Dallas, TX 75215
214-428-5173

Air Gun Silhouette Targets

Champions' Circle
201 International Blvd
LaVergne, TN 37086
615-793-4066
800-345-7179 (*orders only*)

APPENDIX

10-Meter Air Pistol

NRA International Pistol Rule 3.7, Page 10,

3.7 Air Pistol

Any 4.5mm (.177 cal) type of compressed air CO² pistol or revolver that complies with Rule 3.1 and the following specifications may be used:

- (a) The weight of the pistol or revolver with all accessories must not exceed 1,500 grams (3.3 lb).
- (b) The trigger pull must be at least 500 grams (17.6 oz.), measured with the barrel vertical.
- (c) No part of the grip or accessories may encircle the hand. The heel rest must extend at a right angle not less than 90 degrees to the grip. Any upward curvature of the heel and/or thumb rests and/or downward curvature of the side opposite the thumb is prohibited. The thumb support must allow free upward movement of the thumb. However, curved surfaces on the grips or frame, including the heel and/or thumb rest in the longitudinal direction of the pistol are permitted.
- (d) The overall size of the pistol is limited to those dimensions that will permit the pistol to be enclosed completely in a rectangular box having maximum inside dimensions of 420mm X 200mm X 50mm. A manufacturing tolerance of +0.5mm-0.00mm in the dimensions of the box will be permitted. In the case of semiautomatic air pistol, the magazine need not be fitted for the box test.
- (e) The pistol used in the air pistol event may be loaded with one pellet only.
- (f) Ported barrels and perforated attachments for air pistols are allowed, providing pistols comply with all other requirements, including dimensions.
- (g) Ammunition: Any 4.5mm (.177 cal.) pellets may be used. (See Rule 3.1(f)).

NRA International Pistol Rule 3.7, Page 7,

3. Firearms, Equipment, And Ammunition

3.1 Applicable to All Pistol Events

- (a) This section defines authorized equipment. Where alternative types of equipment are shown, the least restrictive conditions apply, unless the tournament program sets forth limitations.
- (b) Only open sights are allowed. Optics, mirror, telescope, laser beam, electronically projected dots, and so forth are prohibited. Any aiming device programmed to activate the firing

mechanism is prohibited. No protective covering is permitted on front or rear open sights.

- (c) Corrective lenses and/or filters may not be attached to the firearm but may be worn by the competitor. The shooter may use a telescope or binoculars to observe his/her shot holes.
- (d) The grip or any part of the firearm may not be extended or constructed in any way that would give any support beyond the hand. The wrist must remain absolutely free and visible when the pistol is held in the normal firing position.
- (e) Adjustable grips are permitted, providing when adjusted to the shooter's hand, they conform to the rules of the event. The adjustment must not be changed after the equipment control checks in any way that would conflict with the ISSF rules.
- (f) All projectiles used must be made of lead or similar soft material. Jacketed projectiles are not permitted.

5-Meter Air Rifle

NRA BB Gun Rules, Page 4

3.4 Stocks

Factory installed stocks may be altered in length. When shortening or lengthening a stock, the butt must be identical to the original equipment. The butt of the stock may be roughed, checkered, or scored to provide a nonslip surface. No further modification to the stock is allowed. Material such as sandpaper, emery paper, adhesives, rubber, or rosin may not be added to any portion of the stock or firearm. Stocks may be repainted or left unfinished.

NRA BB Gun Rules, Page 5

3.7 Sight

(c) A hooded front sight with interchangeable inserts may be used; however, no portion of the front sight may extend past the end of the barrel.

NRA BB Gun Rules, Page 5

3.12 Weight Limit

The total weight of an unloaded BB gun may not exceed 6 lb., excluding the sling.

NRA BB Gun Rules, Page 5

3.13 Slings

Slings not exceeding 1¼ inch in width are permitted.

NRA BB Gun Rules, Page 5

3.14.1 Kneeling Roll

Only one cylindrical roll for shooting in the kneeling position is allowed. It may be a maximum of 25 cm (9.84 inches) long and 18 cm (7.08 inches) in diameter.

NRA BB Gun Rules, Page 5

3.11 Clothing Regulations No footwear higher than the ankle.

Courses of Fire, Page 9

- 7.1 BB Gun Rules**
- (a) Prone Position – 10 shots, AR-4/1, AR-4/10 targets.
 - (b) Standing Position – 10 shots, AR-4/1, AR-4/5, AR-4/10 targets.
 - (c) Kneeling Position – 10 shots, AR-4/1, AR-4/5, AR-4/10 targets.
 - (d) 30 shots three positions – 10 shots each position. Order of firing will be prone, standing, and kneeling.

BB Gun Rules, Page 7

5.10 Kneeling The shooter may touch the ground with the right foot, the right knee, and the left foot. The BB gun must be held in the same way as when shooting in the prone position (i.e., with both hands and the right shoulder). The left elbow must be supported on the left knee. The point of the elbow may not be more than 10 cm (3.9 inches) from the point of the knee. The BB gun may be held by means of the sling. If the kneeling roll is placed under the instep of the right foot, the foot may not be turned at an angle of more than 45 degrees. If the kneeling roll is not used, the foot may be positioned at any angle, to include placing the side of the foot and the lower leg in contact with the ground.

10-Meter Air Rifle

National Standard 3-Position Air Rifle Rules, Pages 19–20

5.1.3 Kneeling

- The competitor may touch the firing point surface with the toe of the right foot, the right knee, and the left foot.
- The rifle may be held with both hands and the right shoulder; the cheek may be placed against the stock.
- The left elbow must be supported on the left knee.
- The point of the elbow cannot be more than 100 mm (4 in.) over or 150mm (6 in.) behind the point of the knee.
- The rifle may be supported by a sling, but the fore-end behind the left hand must not touch the shooting jacket.
- No part of the rifle may touch the sling or any of its attachments.
- The rifle must not touch or rest against any other point or object.
- If the kneeling roll is placed under the instep of the right foot, the foot may not be turned at an angle of more than 45 degrees.
- If the kneeling roll is not used, the foot may be placed at any angle. This may include placing the side of the foot and the lower leg in contact with the surface of the firing point.
- No portion of the upper leg or buttocks may touch the firing point surface.

- If the competitor uses the shooting mat, he may kneel completely on the shooting mat or may have one, two, or three points of contact.
- Only trousers and underclothing may be worn between the competitor's seat and heel. Jackets or other articles must not be placed between these two points or under the right knee.

.22-Caliber Rimfire Rifle

NRA Smallbore Rifle Rules, Page 7

3.2 Any Rifle

A rifle authorized for use in smallbore rifle matches using cartridges commercially catalogued as the .22 Short, .22 Long, or .22 Long Rifle cartridges. There are no restrictions on the barrel length or overall weight of the rifle and accessories. No portion of the rifle or any attachment to the rifle shall extend more than 3 inches beyond the rear of the shooter's shoulder. A butt plate conforming with NRA Rule 3.15 may be used.

NRA Smallbore Rifle Rules, Page 8

3.4 Junior Rifle

There are no restrictions on the barrel length or overall weight of the rifle. The rifle may not be equipped with thumb hold stock, Schuetzen Type Butt Plate, or palm rest.

NRA Smallbore Rifle Rules, Page 8

3.7 Sights

(a) Metallic –

(1) Non-corrective: Any sighting system, constructed of metal or equivalent, that provides a method of aiming or aligning two separate but visible sights, or reference points mounted on the rifle, including tube sights and non-magnifying color filters.

NRA Smallbore Rifle Rules, Page 8

3.8 Spotting Scopes

The use of a telescope to spot shots is permitted. It may be positioned forward of the shooter's forward shoulder.

NRA Smallbore Rifle Rules, Page 8

3.9 Shooting Kit

The shooting kit may not be placed forward of the shooter's forward shoulder on the firing line, except that in the standing position a shooting kit, table, or stand may be used as a rifle rest between shots. The shooting kit, table, or stand may not be of such size and construction as to interfere with shooters on adjacent firing points or to constitute a windbreak.

NRA Smallbore Rifle Rules, Page 8

3.10 Ground Cloth

Ground cloth may be used provided it is not constructed or used in a manner to provide artificial rest or support.

NRA Smallbore Rifle Rules, Page 8

3.11 Gloves

Gloves may be worn provided they do not form an artificial support.

NRA Smallbore Rifle Rules, Page 9

3.12 Padding Shoulder pads, sling pads, and elbow pads may be worn while shooting, provided they are constructed so as not to provide artificial support.

NRA Smallbore Rifle Rules, Page 9

3.13 Slings Unless otherwise specified in the conditions of the match, the rifle sling may be used in connection with the rifle and one arm only as an auxiliary to steady the rifle except in the standing position. Sling cuffs are permitted.

NRA Smallbore Rifle Rules, Page 8

3.14.1 Kneeling Roll A cylindrical cushion for shooting in the kneeling position; maximum dimensions will be 9.84 inches long (25 cm) and 7.08 inches in diameter (18 cm). Cushions should be made of soft, flexible material.

NRA Smallbore Rifle Rules, Page 9

3.15 Butt Plates and Hook
A butt hook projects more than 153 mm (6.02 inches) past the rear of a line that is perpendicular to a line drawn through the axis of the bore of the rifle, and that is tangent to the deepest part of the butt plate depression that normally rests against the shoulder. It must have a total outside length around any curve or bend of not more than 178 mm (7.01 inches).

NRA Smallbore Rifle Rules, Page 13

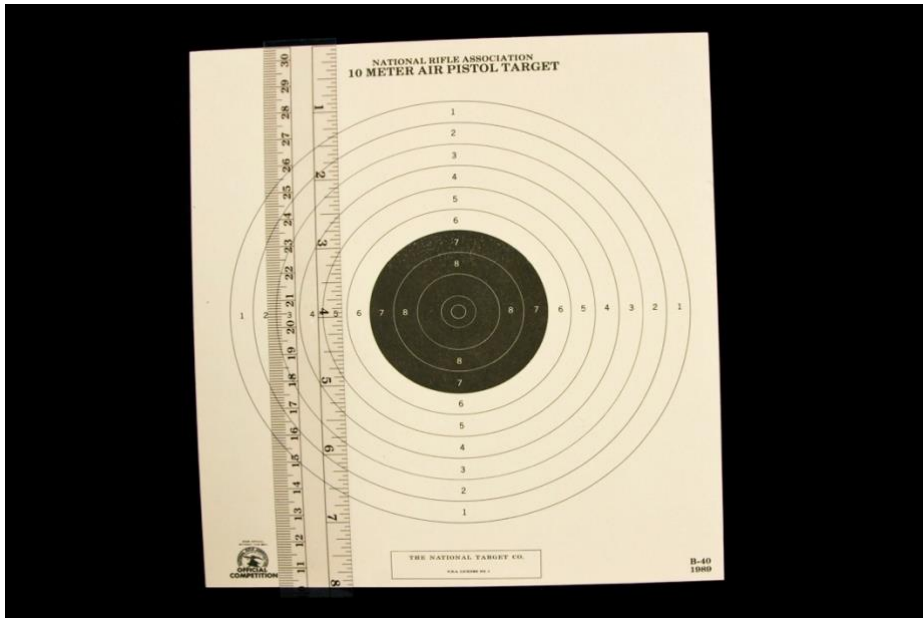
5.8 Sitting Elbows may rest on the legs at any point above the ankles. (The elbow is defined as 4 inches from the point of the arm when bent.)

NRA Smallbore Rifle Rules, Page 13

5.10 Kneeling Buttocks must be clear of the ground but may rest on one foot. The rifle must be supported by both hands and one shoulder only. The elbow of the arm supporting the rifle should rest on the knee or leg. The elbow of the trigger arm will be free from all support. (Elbow is defined in Rule 5.8.) One knee must be touching the ground or shooting mat. The shooter may be on or partially on all of the shooting mat. A roll as described in Rule 3.14.1 may be placed under the instep provided the foot is placed toe down at an angle not greater than 45 degrees from the vertical. Only the trousers and underclothing may be worn between the shooter's buttocks and heel. The jacket or other article may not be placed between these two points. If the kneeling roll is not used, the foot may be positioned at any angle, to include placing the side of the foot and the lower leg in contact with the ground.

TARGET EXAMPLES

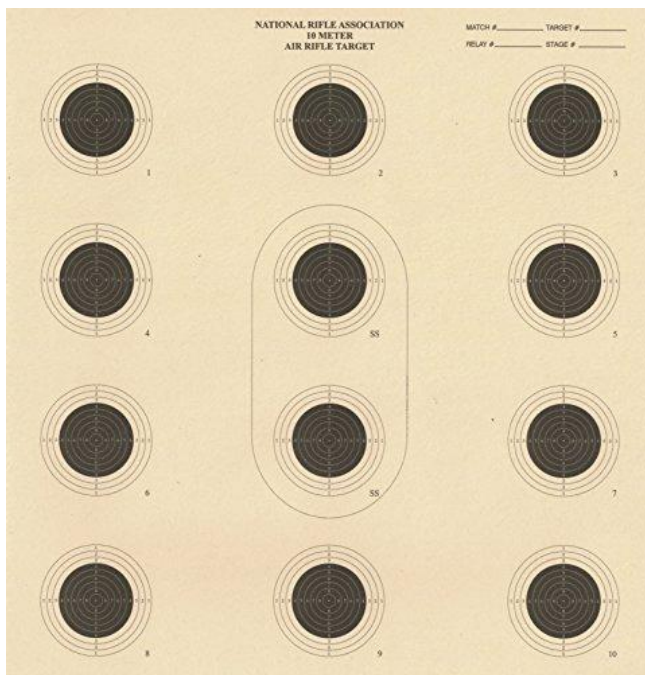
B-40 – Air Pistol



B-40/4 – Air Pistol



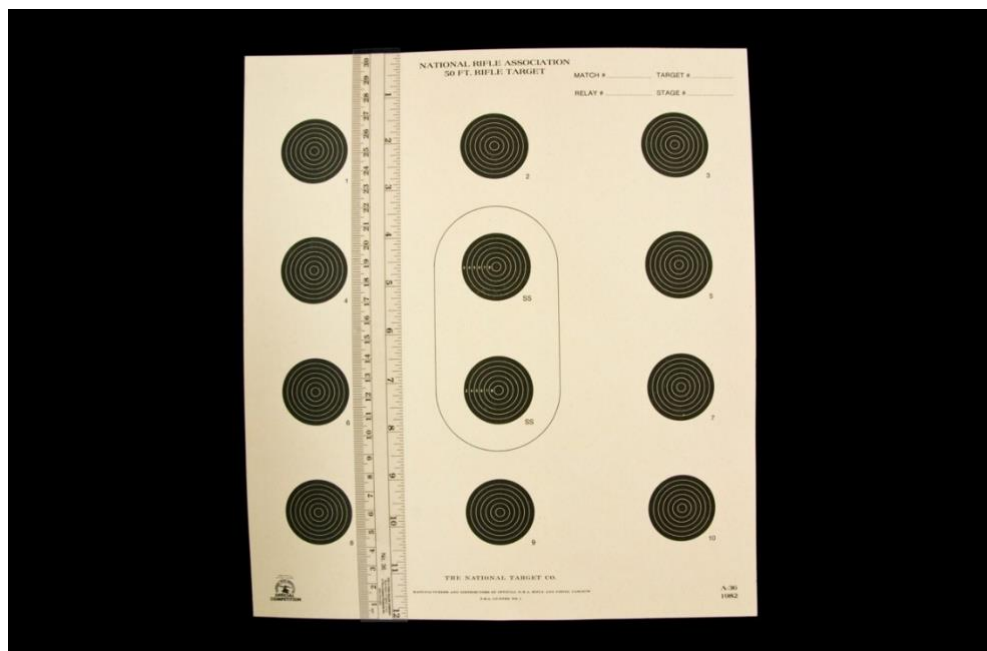
AR-5/10 – 10 M Air Rifle



A-32 - .22 Rifle (Light Rifle Classes)



AR 36 - .22 Rifle Junior and Precision Classes



B-19 - .22 Pistol Target CMP Sporter Rifle Match



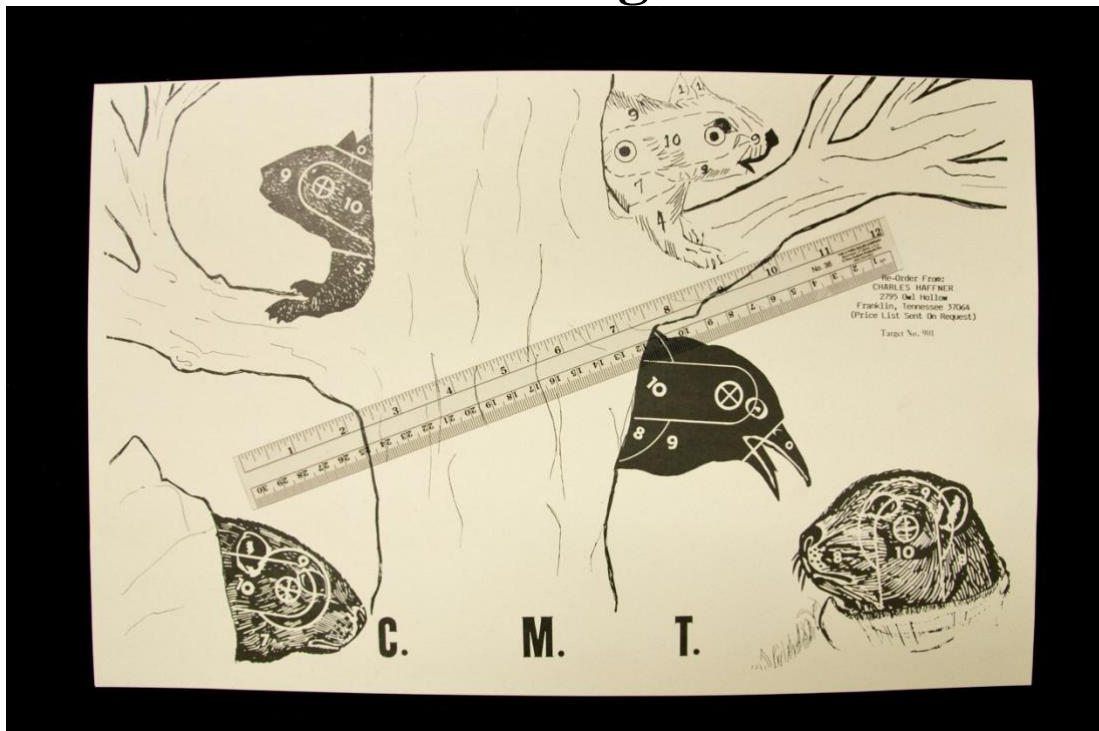
TG2406 - Muzzleloading



TG2427 - Muzzleloading



TG901 - Muzzleloading



NAA 60CM - Archery



NAA 40CM - Archery



VEGAS FIVE-SPOT - Archery



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