



## New Mexico State 4-H Shooting Sports Championships NRA Whittington Center May 3-6, 2018

**All Events-** It is the responsibility of each county to have the appropriate health consent and release forms for each of their participants. These forms must be on file with the NM State 4-H office. An adult supervisor should be present at the event site, with immediate access to the forms, any time their youth are participating.

### General Rules:

- Counties are limited to two teams (3 or 4 individuals) per discipline.
- Entries must be approved by the County Extension Agent responsible for 4-H.
- Entries will be completed through an on-line registration process. On-line registration will be done through local county extension office.
- Youth may participate in the same discipline in any previous 4-H National Invitational, but are not eligible to go back to National in that event.
- By entry in these events, the County Extension Agent is verifying that the youth entered are knowledgeable and proficient in the safe use of the equipment and the fundamentals of the event. Range officials may dismiss or disqualify a participant if he/she believes the participant does not demonstrate the basic proficiency and knowledge required.
- By entry in these events, the County Extension Agent is verifying that the youth entered are representatives of their respective counties and have met those counties guidelines for qualifying to shoot in the state contest.
- No changes to team roster will be allowed unless by the County Extension Agent or designated leader. The County Extension Agent should inform the state office who that person is.
- **Please have any changes to team assignments taken care of by 5pm on April 27th.**
- These rules for the state contest can be found on the following website:  
<http://aces.nmsu.edu/4h/state--national-events.html#anchor33708>
- There will not be any ammunition provided for this contest.
- No Golf Carts, ATV's. Club Cars or similar will be permitted.
- All participants must be senior age 4-H members as of January 1, of the current year. (Senior: Ages 14-18. A 4-H member must have passed his/her 14<sup>th</sup> birthday **or** be 13 years old and in the 8<sup>th</sup> grade but cannot have passed his/her 19<sup>th</sup> birthday by January 1 of the current 4-H program year.)
- Youth that are not 14 as of January 1, of the current year are **not** eligible for National Competition.
- There will be a \$50.00 per contestant entry fee for the contest. This fee will cover range fees, targets and costs of putting on the contest at Whittington.
- Awards will be a 9:00 am Sunday, May 6<sup>th</sup> at Coors building.
- Registration includes code of conduct and medical release forms.
- **Link to NRA Rulebooks:** <http://www.nrahq.org/compete/nra-rule-books.asp>

## Contests we will offer at the New Mexico 4-H State Shooting Sports

<b>Discipline</b>	<b>Event 1</b>	<b>Event 2</b>
Archery Compound	FITA Round (1/2 FITA)	3-D Round
Archery Recurve	FITA Round (1/2 FITA)	3-D Round
Air Pistol	Air Pistol Silhouette	Slow Fire- Bullseye
Air Rifle	National Standard Three-Position Sporter Air Rifle	NRA Sporter Air Rifle Silhouette
Hunting	Hunter Decision Making/ Wildlife ID and Management	Hunting Skills Live Fire- smallbore rifle
Muzzle-Loading	25 Yard Bottles and Haffner Combination	50 Yard Bullseye
Shotgun	Skeet (50 Rounds)	Trap (50 Rounds)
Small-bore Pistol	Camp Perry Round (Modified)	Small-bore Hunter Pistol Silhouette
Small-bore Rifle	Small-bore Hunting Silhouette Rifle	NRA Three-Position

### Championships

**\*\*Participants are limited to two disciplines (contests).**

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## Shooting Sports Schedule

### **Thursday, May 3, 2018**

- 3:00-6:00pm Registration will be open at the Coors building  
4:00-6:00pm Trigger pulls and weigh in will be open at Coors Building

### **Friday, May 4, 2018**

- 8:00-9:00 am Check-in and firearm weigh in. Weigh in will be on the east end of Coors Building  
9:00 am Welcome/Questions for Contest Coordinators (Coors Building, mandatory)  
9:30 am Archery 3D Open- Relays Assigned  
10:00 am .22 Silhouette Open- Relays Assigned  
Shotgun: trap and skeet will be open  
Muzzleloading Open- Sign up for relay  
Air Rifle/Pistol- Sign up for relay  
10:00am-12:00 pm .22 Pistol Open- Sign up for relay

### **Saturday, May 5, 2018**

- 7:30 am Event Coordinators report to ranges  
8:00 am All ranges will be open for the following:  
.22 rifle 3P- relays assigned  
Archery- FITA- relays assigned  
Pistol- sign up for relays  
Muzzleloader- sign up for relay  
Air Rifle/Air pistol- sign up for relays  
Hunting  
Shotgun  
6:00 pm Ranges close  
8:00- 11:00 pm 4-H Dance at **Raton Rodeo Grounds (Jim Young Arena)**

### **Sunday, May 6, 2018**

- 9:00 am Awards Ceremony – Coors Building

## ARCHERY MATCH EVENTS

Archery- 3D will begin at 9:30 on Friday, May 4.

Archery- FITA will be held on Saturday, May 5.

- **Recurve**
- **Compound**

Recurve and compound archery are different competitions with different teams BUT will shoot the same events Even though the two governing bodies for the two events have slightly different requirements or restrictions-for the sake of simplification- this 4-H match will use one standard for equipment – for all events. Procedural rules, course of fire, scoring, etc. will follow the NGB unless otherwise noted.

### **Match 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.

**\*\* All bows are subject to a random draw weight test on both days of the contest. If bows are not at or less than the 60 lb. draw weight, contestant will be disqualified from the archery contest.**

## FITA ROUND (1/2 FITA)

<b>Target</b>	122cm and 80 cm faces, 5-color face
<b>Distance</b>	60, 50, 40 and 30 meters in that order
<b>Course of Fire</b>	3 ends of 6 arrows each from 60 and 50 meters 6 ends of 3 arrows each from 40 and 30 meters
<b>Time Limit</b>	4 minutes per 6 arrow end and 2.5 minutes per 3 arrow end
<b>Scoring</b>	10-1 from the center outward, compound teams will score inner 10's
<b>Rules</b>	NGB Rules; USA Archery/FITA FITA
<b>Information</b>	<a href="http://rulebook.worldarchery.org/PDF/Official/2015-01-01/EN-Book3.pdf">http://rulebook.worldarchery.org/PDF/Official/2015-01-01/EN-Book3.pdf</a>

## 3-D ROUND

<b>Targets</b>	3-D targets as selected and placed by the management.
<b>Distances</b>	Unmarked distances from 5 to 50 yards Recurve: Maximum distance: 40 Yards Compound: Maximum distance: 50 Yards
<b>Course of Fire</b>	15 targets, 2 arrows 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>	Shooters will move through the course expeditiously and avoid delays. Lost arrows search is limited to 2 minutes.
<b>Scoring</b>	<b>Scoring lines</b> - The lines between scoring zones on the target are part of the higher value area. Archery Shooters Association (ASA) scoring will be used. - Scoring is as follows. Center kill zone hits - +12, second kill zone- +10 outer kill zone +8, non-vital hits - +5 (no horns or hoofs), and clean miss

	<p><b>Shaft location</b> - The location of the shaft in the target will determine the point value of the shot. Shafts touching a higher value scoring zone will receive the higher score.</p> <p><b>Initialing the score card</b> - Both the scorer and the shooter will initial the score card to affirm their agreement on the score awarded.</p>
NGB Rules	<a href="http://rulebook.worldarchery.org/PDF/Official/2015-01-01/EN-Book3.pdf">http://rulebook.worldarchery.org/PDF/Official/2015-01-01/EN-Book3.pdf</a>

## SMALLBORE RIFLE MATCH

### General Rules:

- All smallbore rifles are required to have the action open and a CBI (Clear Barrel Indicator) in place when the rifle is not being fired and is uncased. Either commercial or personally made flags are permitted.
- 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.
- .22 rifle contestants please be aware that there can only be 2 participants sharing a rifle and **not used in the same relay**.
- Youth, parents, and leaders will be given one verbal warning for a safety violation or behavior. If the offense happens again they will be asked to leave the contest and will not be allowed to finish the contest.
- No military or assault type rifles will be allowed at the State 4-H Rifle Shooting Contest. This is due to safety and the image of the New Mexico 4-H Youth Development Program.
- (Examples below of what is **not allowed**)



### SMALLBORE HUNTING SILHOUETTE RIFLE

<b>Target</b>	1/5 scale metallic silhouettes
<b>Course of Fire</b>	10 chickens at 40 meters, 10 pigs at 60 meters, 10 turkeys at 77 meters and 10 rams at 100 meters
<b>Time Limit</b>	15 second ready time and 2 ½ minutes firing time per bank of 5 targets
<b>Equipment</b>	Any safe smallbore rifle chambered for the .22 long rifle, long or short cartridge and weighing no more than 10 pounds 2 ounces with sights, any sights that do not project an image on the target or operate the trigger. <u>No thumbhole stocks will be allowed.</u> Must meet stock dimension and other requirements in NRA Silhouette Rules 3.1 and 3.2.
<b>Shooting Position</b>	The standard standing position used in position shooting is permitted
<b>Scoring</b>	Targets must be knocked down in order to be scored as hits. Targets not knocked down or hit out of order will be scored as misses.



<b>Ammunition</b>	Only factory loaded .22 caliber - short, long or long rifle. Hot loads, such as “Stingers” are not permitted.
<b>Rule Book</b>	<a href="http://compete.nra.org/documents/pdf/compete/RuleBooks/Sil-r/sil-r-book.pdf">http://compete.nra.org/documents/pdf/compete/RuleBooks/Sil-r/sil-r-book.pdf</a>

### **NRA THREE-POSITION**

<b>Target</b>	A-51 (50 yards)
<b>Course of Fire</b>	20 shots in each position – prone, standing and kneeling in that order at 50 meters (or 50 yards). 60 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 ½) minutes per record shot kneeling Time is not checked on each shot. The time allowance is computed for a complete stage (including sighting shots)
<b>Equipment</b>	Any Rifle -any safe .22 caliber rimfire rifle chambered for .22 short, .22 Long or .22 long rifle cartridges may be used in smallbore 3- position. No restriction is placed on barrel length or overall weight of rifle and accessories.
<b>Sights</b>	Metallic sights, non-corrective
<b>Ammunition</b>	<u>Solid point (40 grains) standard velocity – match or target ammunition</u>
<b>Rule Book</b>	<a href="http://competitions.nra.org/documents/pdf/compete/RuleBooks/SBR/sbr-book.pdf">http://competitions.nra.org/documents/pdf/compete/RuleBooks/SBR/sbr-book.pdf</a>

# AIR RIFLE MATCH

## AIR RIFLE EVENTS

- 1) All air guns are required to use a CBI (Clear Barrel Indicator) when the gun is not being fired. (It is strongly recommended that CBI be bright orange.)
- 2) Only wadcutter & domed pellets are allowed ... No hunting pellets
- 3) Each event is equally weighted ... 600 points are possible in this contest

## NATIONAL STD THREE-POSITION SPORTER AIR RIFLE

<b>TARGET</b>	AR-5/10																											
<b>DISTANCE</b>	10 meters or 33 feet																											
<b>COURSE OF FIRE</b>	3 x 10. 10 shots each position: prone, standing, and kneeling in that order; (30 record shots - 300 points maximum)																											
<b>TIME LIMIT</b>	<p style="text-align: center;">3x10 COURSE OF FIRE</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>STAGE</th> <th>POSITION</th> <th>TIME LIMIT</th> </tr> </thead> <tbody> <tr> <td>PREPARATION AND SIGHTING</td> <td>PHONE (Unlimited sighting shots)</td> <td>8 minutes</td> </tr> <tr> <td>RECORD FIRE</td> <td>PRONE, 10 record shots</td> <td>10 minutes</td> </tr> <tr> <td>CHANGE OVER</td> <td>PRONE to STANDING</td> <td>5 minutes</td> </tr> <tr> <td>SIGHTING</td> <td>STANDING (Unlimited sighting shots)</td> <td>5 minutes</td> </tr> <tr> <td>RECORD FIRE</td> <td>STANDING, 10 record shots</td> <td>15 minutes</td> </tr> <tr> <td>CHANGEOVER</td> <td>STANDING to KNEELING</td> <td>5 minutes</td> </tr> <tr> <td>SIGHTING</td> <td>KNEELING (Unlimited sighting shots)</td> <td>5 minutes</td> </tr> <tr> <td>RECORD FIRE</td> <td>KNEELING, 10 record shots</td> <td>10 minutes</td> </tr> </tbody> </table>	STAGE	POSITION	TIME LIMIT	PREPARATION AND SIGHTING	PHONE (Unlimited sighting shots)	8 minutes	RECORD FIRE	PRONE, 10 record shots	10 minutes	CHANGE OVER	PRONE to STANDING	5 minutes	SIGHTING	STANDING (Unlimited sighting shots)	5 minutes	RECORD FIRE	STANDING, 10 record shots	15 minutes	CHANGEOVER	STANDING to KNEELING	5 minutes	SIGHTING	KNEELING (Unlimited sighting shots)	5 minutes	RECORD FIRE	KNEELING, 10 record shots	10 minutes
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<b>EQUIPMENT</b>	.177 caliber air rifles may not exceed 7.5 pounds; metallic sights are permitted; trigger pull must be a minimum of 1.5 lbs. All air guns will require the use of a CBI (Clear Barrel Indicator) when not being fired.																											
<b>APPROVE RIFLES</b>	Rifles that are officially approved include Daisy 753/853/953, Daisy 887, 888, Crosman 2000, Daisy XSV40, Air Arms T-200, Air Force EDGE, Crosman CH2009. Any rifle not included in this list but complies with the requirements of the Sporter Air Rifle as stated in the National Standard Rules may be submitted for a decision prior to the competition and may be added to the list of approved rifles.																											
<b>CLOTHING</b>	Shoes are restricted to soft, low cut, athletic or street shoes that do not extend above the ankles. No boots are permitted. A shooting glove may be worn, but no shooting jackets are permitted. Up to two sweatshirts are allowed. A pin or button may be used as a sling keeper in the prone or kneeling positions. Shooting shirts and 4-H shooting sports vests are permitted																											

<b>RULES</b>	CMP 2014-2016 National Standard Three-Position Air Rifle Rules, 10 <sup>th</sup> Ed.
<b>INFORMATION</b>	<a href="http://www.odcmp.com/3P/Rulebook.htm">http://www.odcmp.com/3P/Rulebook.htm</a>

## **SPORTER AIR RIFLE SILHOUETTE**

<b>TARGETS</b>	1/10 scale, metallic silhouettes @ ½ Distance
<b>DISTANCE AND COURSE OF FIRE</b>	10 chickens at 10 yards, 10 pigs at 15 yards, 10 turkeys at 18 yards, 10 rams at 22-1/2 yards in banks of 5 targets and shooting from left to right on each bank of targets (300 points maximum – each hit is 7.5 points)
<b>TIME LIMIT</b>	15 second ready time and 2 ½ minutes firing time for each bank of 5 targets
<b>EQUIPMENT</b>	Current NRA Silhouette Rifle Rules with the following rule for Air Rifle: Any .177 caliber air rifle that does not exceed eleven pounds in weight including sights, scope, mounts of conventional design utilizing springs, compress air/gas or pre-charged pneumatic air qualify for this event.
<b>APPROVED RIFLES</b>	Only Daisy Avanti 753/853/953, 887, 888, Crosman 2000, Daisy XSV 40, Air Arms T-200. (Same as the 3-P Competition) Buttplates must be centered
<b>SHOOTING POSITION</b>	The standard standing position used in position shooting is permitted.
<b>SCORING</b>	Targets knocked down or off the stand in order are scored as hits, other score as misses
<b>RULES</b>	NRA Rifle Silhouette Rules CS16820
<b>INFORMATION</b>	<a href="http://materials.nrahq.org/go/products.aspx?cat=Rulebooks">http://materials.nrahq.org/go/products.aspx?cat=Rulebooks</a>

## AIR PISTOL EVENTS

All events are “single pistol” matches, meaning participants are to shoot the entire course of fire of that event with the same pistol. No pistol changes will be allowed between stages. Only one pistol per shooter allowed on the line. 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.

### SLOW FIRE -BULLSEYE

<b><u>TARGET</u></b>	NRA B-40 or B-40/4
<b><u>DISTANCE</u></b>	10 meters
<b><u>COURSE OF FIRE</u></b>	40 shots, 10 shot strings, 5 shots per bull
<b><u>TIME LIMIT</u></b>	1½ minute per record shot (15 minutes per string) 10 min preparation time, 15 min for unlimited sighting shots.
<b><u>EQUIPMENT</u></b>	Any .177 caliber (4.5 mm) air pistol weighing less than 3.3 pounds with a trigger pull of at least 17.6 ounces, metallic sights only. Overall size is limited to those that will permit the pistol to be enclosed completely in a rectangular box having inside dimension of 420mm x 200mm x 50mm (Approximately 16.53” x 7.87” x 1.96”). Pellets must be single loaded.
<b><u>SHOOTING POSITION</u></b>	One hand, standing
<b><u>RULES</u></b>	<i>NRA International Style Pistol Rules C116500</i> (Most Recent printing)
<b><u>INFORMATION</u></b>	<a href="http://compete.nra.org/documents/pdf/compete/RuleBooks/IntlPistol/intl-pist-book.pdf">http://compete.nra.org/documents/pdf/compete/RuleBooks/IntlPistol/intl-pist-book.pdf</a>
<b><u>TIE BREAKERS</u></b>	Number of X’s, 10’s, etc. until ties are broken. Unresolved ties will be broken with shot-by-shot shoot-offs

### AIR PISTOL SILHOUETTE

<b><u>TARGET</u></b>	1/10 scale metallic silhouettes- ½ distance
<b><u>DISTANCE AND COURSE OF FIRE</u></b>	10 chickens at 10 yards, 10 pigs at 12.5 yards, 10 turkeys at 15 yards, 10 rams at 18 yards in banks of 5 targets and shooting from left to right on each bank of targets
<b><u>TIME LIMIT</u></b>	30 seconds ready time and 2 ½ minute firing time for each bank of 5 targets
<b><u>EQUIPMENT</u></b>	Any air pistol caliber .22 or smaller equipped with any sights that do not project an image on the target and having a safe trigger.
<b><u>SHOOTING POSITION</u></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>RULES</b>	<i>NRA Pistol Silhouette Rules CS16830</i> (Most recent printing)
<b>INFORMATION</b>	<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 must be from the same team. The spotter may not touch the shooter or the shooter's equipment after the shooter assumes their position on the firing line.

## **SMALLBORE PISTOL MATCH EVENTS**

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

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

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

.22 pistol contestants please be aware that there can only be 2 participants sharing a pistol and **not used in the same relay.**

### **CAMP PERRY ROUND (modified)**

<b>TARGET</b>	NRA B-8
<b>DISTANCE</b>	25 yards
<b>COURSE OF FIRE</b>	10 shots slow fire, 15-timed fire and 15-rapid fire; (40 record shots)
<b>TIME LIMIT</b>	Slow fire: 5 minutes (10 shot string) Timed fire: 20 seconds per 5 shot string Rapid fire: 10 seconds per 5 shot string

<b>EQUIPMENT</b>	<p>3.1.3 Standard Smallbore Pistol .22 caliber rim fire – The pistol may be any .22 rimfire pistol, either semi-automatic or revolver. The pistol shall most closely match the description of a pistol of the NRA Production Division – except as noted in Rule 3.1 3 or a rule specified in this synopsis. A Production Firearm is one which is or has been a catalog item readily available to the general public equipped with factory notch and post sights. All standard safety features of firearms must operate properly. <u>The firearm shall have no visible internal or external modifications</u> except as noted in the NGB rules.</p> <ul style="list-style-type: none"> <li>• Barrel length, including cylinder, not more than 10 inches.</li> <li>• Trigger pull not less than 2 pounds.</li> <li>• .22 caliber rimfire – long rifle</li> <li>• Open sights only (4-H National Championship match rule). Rear sight may be adjustable, but sight radius no more than 10 inches.</li> </ul>
<b>SHOOTING POSITION</b>	One-hand standing
<b>NGB RULES</b>	<p><i>NRA Conventional Pistol Rules CP16650</i> (January 2014 Edition)</p> <p><a href="http://compete.nra.org/documents/pdf/compete/RuleBooks/Pistol/pistol-book.pdf">http://compete.nra.org/documents/pdf/compete/RuleBooks/Pistol/pistol-book.pdf</a></p>

### SMALLBORE HUNTER PISTOL SILHOUETTE

<b>TARGET</b>	½ scale metallic silhouettes
<b>DISTANCE AND COURSE OF FIRE</b>	All shooting in banks of 5 targets, shooting from left to right; 10 chickens at 40 meters, 10 pigs at 50 meters, 10 turkeys at 75 meters, 10 rams at 100 meters. 40 record shots.
<b>FIRING ORDER</b>	Each shooter will be assigned to starting position and on command they will fire at the five targets in that bank in order from left to right. Upon completion of both banks in that category shooter will move to the left on command. Shooters firing at rams will rotate to chickens.
<b>TIME LIMIT</b>	30 second ready time and 2 minute firing time for each bank of 5 targets
<b>EQUIPMENT</b>	<p>Any factory available smallbore pistol weighing no more than 5.0 pounds (<b>including empty magazine</b>), operated with a trigger pull of at least 2.0 lbs., chambered for the .22 rimfire long rifle cartridge and having a factory standard barrel length of no more than 12 inches measured from breech face to muzzle equipped with any sights that do not project an image on the target. (NRA Pistol Silhouette Rule 3.1 and 3.2)</p> <p><b><i>No bolt action pistols, including cannon bolt, turn bolt or straight bolt will be permitted.</i></b></p>
<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 wrist. (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). In the event of a missing target the scorer shall permit the shooter to fire on a designated target that remains standing, counting it as above. If no targets are available, the referee shall permit those targets to be fired before the shooters rotate to the next type of target.
<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 must be from the same team. The spotter may not touch the shooter or the shooter's equipment after the shooter assumes their position on the firing line.
<b>NGB RULES</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>

## **SHOTGUN EVENTS**

- There will be no toleration with any firearms on your toe or on any magnetic or leather pads. At no time shall the muzzle come in contact with the ground and must be kept in a safe direction. If any competitor is seen with a muzzle on his or her toe, or if they are not controlling their firearm, **THEY WILL BE DISQUALIFIED!**
- No release triggers permitted. Ties broken by shoot-off for top 10 individuals.
- No reloads, only factory ammo permitted in shotgun.

## **SKEET**

<b>Event</b>	Standard NSSA (American) skeet
<b>Course of Fire</b>	1 round (50 targets) consisting of singles and doubles from stations 1, 2, 6, and 7 and singles from stations 3, 4, 5, and 8.
<b>Shoot offs</b>	Doubles from stations 3, 4, and 5
<b>Time Limit</b>	Shooters will fire in an expeditious manner, avoiding unnecessary delay, shooters should be prepared to take the field 45 minutes to 1 hour before their scheduled firing time.
<b>Equipment</b>	Any shotgun 12 gauge or smaller firing a shot charge meeting the requirements of the NGB
<b>Procedure</b>	<ul style="list-style-type: none"><li>• Station 3 – High House first</li><li>• Station 4 – High House first</li><li>• Station 5 - Low House First</li><li>• Station 4 - Low House First</li><li>• Station 3 - High House First</li><li>• Repeat as needed</li></ul>
<b>Rule Book</b>	National Skeet Shooting Association <a href="http://www.mynssa.com/image/downloads/2006-NSSA-Rules.pdf">http://www.mynssa.com/image/downloads/2006-NSSA-Rules.pdf</a>

## **TRAP**

<b>Event</b>	Standard ATA (American) trap (16 yards)
<b>Course of Fire</b>	1 rounds (50 targets) consisting of five targets from each of five shooting stations at 16 yards.

<b>Shoot offs</b>	Five targets from stations 1 and 5 from the 21 yard line. Management may increase the distance to 27 yards if required to break ties.
<b>Time Limit</b>	Shooters will fire in an expeditious manner, avoiding unnecessary delay and should be prepared to take the field up to 1 hour prior to listed start time.
<b>Equipment</b>	Any shotgun 12 gauge or smaller firing a shot charge meeting the requirements of the NGB.
<b>Procedure</b>	<p>2 tied: 5 shots each at stations 1 and 5</p> <p>3 tied: 5 shots each at stations 1, 3, and 5</p> <p>4 tied: 5 shots each at 1, 2, 4, and 5</p> <p>5 tied: 5 shots each at all stations</p> <ul style="list-style-type: none"> <li>• Tie broken by greatest total of targets broken after the completion of all stations. Team ties broken by a round of 25, 5 at each station. If a full team of 4, all 4 may shoot and the low score will be dropped. If after 1 round, all placings are not determined, the yardage may be increased.</li> </ul>
<b>Rule Book</b>	<p>Amateur Trap Association</p> <p><a href="http://www1.shootata.com/rule_book.pdf">http://www1.shootata.com/rule_book.pdf</a></p>

## MUZZLE LOADING RIFLE MATCH

<b>EQUIPMENT</b>	<p>Rifle: Any traditional or non-traditional NMLRA Conventional muzzle loading rifle (in-lines permitted);</p> <p>Sights: Metallic – non-traditional permitted (open or aperture);</p> <p>Position: Standing –no slings;</p> <p>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.</p> <p>All events are restricted to patched rounds balls only.</p> <p>Spotting scopes are permitted.</p>
<b>NGB RULES</b>	<p>NMLRA Muzzle Loading Rifle, Pistol and Shotgun—except as noted (May 2012 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.</p>
<b>INFORMATION</b>	<p><a href="http://www.nmlra.org/wp-content/uploads/2017/12/2017-NMLRA_Range-Rules1.pdf">http://www.nmlra.org/wp-content/uploads/2017/12/2017-NMLRA_Range-Rules1.pdf</a></p>

### **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 <b>record shots</b> on each target, 1 per bull, (10 record shots)
<b>TIME LIMIT</b>	40 minutes total running time; 20 minutes on Bottles, 20 Minutes on Haffner Critters (10 <b>record</b> shots total)
<b>PROJECTILE</b>	Patched soft lead round ball only.
<b>SCORING</b>	<p><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.</p> <p><b>Haffner:</b> highest scoring area touched by ball (<b>Note:</b> The latter is less stringent than standard NMLRA scoring.)</p>

## 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. <b>Sight-in shots permitted, but as part of the total running time.</b>
<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.

## **HUNTING SKILLS EVENTS**

At the National 4-H Shooting Sports Invitational, all hunting skills events will be based on the content of the following resources:

- 4-H Shooting Sports Hunting Leader Manual, Revised May 2014
- 4-H Shooting Sports Member Manual, New, May, 2014
- Contact your state 4-H Shooting Sports Coordinator to obtain a copy of these manuals.
- NRA Hunters Guide  
[http://materials.nrahq.org/go/products.aspx?cat=Hunting\\_books\\_booklets\\_handbooks](http://materials.nrahq.org/go/products.aspx?cat=Hunting_books_booklets_handbooks)
- Federal Cartridge Company wildlife guides:
  - Illustrated Guide to Upland Game Birds
  - Illustrated Guide to Ducks, Geese and Swans
  - Illustrated Guide to Small Game and Furbearers
  - Illustrated Guide to Big Game Animals  
[http://www.federalpremium.com/education/education\\_materials.aspx](http://www.federalpremium.com/education/education_materials.aspx)

This is a national hunting skills evaluation. Any species covered in the listed resources may be included in the contest, including any game or furbearing animal north of Mexico in North America. Participants may expect some focus on species found in the host state, but events will only include species found in the listed resources.

### **Participants must provide:**

Clipboard	Pens or pencils	Ruler or Tape
Orienteering compass	Protractor	Eye and Ear Protection
Suitable field clothing and footwear		Sunscreen (recommended)

**Shooting Equipment:** Participants must provide their own archery equipment, firearms and ammunition for the live-fire events, but they must meet the restrictions listed below. No equipment is provided.

## **HUNTER DECISION-MAKING**

<b>Event Description</b>	This is a typical decision making event, with a scenario and four possible choices for each of the stations. Contestants must rank the choices in order of preference based upon their knowledge of the wildlife materials. Participants may be asked to give oral reasons or written reasons for their placing. This contest is similar to a 4-H judging contest. Any equipment or methods in the 4-H manuals are fair game.
<b>Course</b>	Up to 20 Decision-making stations based upon content of the resources listed above.
<b>Time Limit</b>	Maximum of 10 minutes per station, plus adequate time, up to one hour for written reasons or prepare for oral reasons.

<b>Scoring</b>	50 points per station, if reasons classes are used they will be worth 50 points per reasons class. Contest officials will determine the correct placing and the point cuts for each class. A Hormel “calculator” is used in the scoring.
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## HUNTING SKILLS

<b>Event Description</b>	Any skill-based element in the manual may be tested here, including map and compass, aerial photo interpretation, live firing with smallbore rifle, muzzleloading rifle, shotgun or archery equipment, track and sign interpretation, selection of a stand or blind site, and more. If it is a hunting related skill, it may be included in this contest. <u><b>2018- Contestants will shoot smallbore rifle.</b></u>
<b>Course</b>	No set course can be predicted, it will depend on the terrain, facility, skills selected for testing, etc. Stations for each Hunting Skill task will be designed as needed. Live-fire situations will not be “formal” courses of fire, but will seek to imitate hunting situations.
<b>Time Limit</b>	As required
<b>Equipment</b>	<p>Only in case of malfunction may a participant change firearm or bow during the activity. <b>No Rangefinders permitted.</b></p> <p><b>Shooting Equipment must meet the following guidelines:</b></p> <p><b>Small Bore Rifle:</b> Any safe rifle in .22 rim fire caliber; maximum weight including sights of 8.0 pounds with safe hunting triggers (at least 2.5 pounds). Scopes no greater than 6X. If variable scopes are used, they must be taped by the Range Officer before the beginning of the event at no greater than 6X. Range-finder reticules are not permitted. Bipods, other supporting devices or shooting sticks are not allowed or even to be attached to the firearm.</p> <p>Standard velocity .22 LR ammunition or high velocity .22 LR ammunition is allowed...no “hyper” velocity rounds. A hunting- style sling no more than 1 ½ inches in width is permitted. All small bore rifles are required to use an ECI (Empty Chamber Indicator).</p> <p><b>Shotgun:</b> 12 gauge or smaller, capable of 2 shots without reloading, with standard factory target or factory field loads of no more than 1 1/8 ounces of shot and shot no larger than #7 1/2. No hand loads.</p>

	<p><b>Bow:</b> Recurve or compound suitable for hunting (no crossbows), drawing no more than 60 pounds with suitable arrows tipped with field points only (no broadhead tips), are permitted. Hunting sights that are fixed with no more than 4 sighting pins. Pins may not be adjusted once the day's competition begins. Any sight pins exceeding the 4 pin maximum will be taped or removed. Stabilizers are limited to a maximum length of 12 inches. All shooting will be at unmarked distances.</p> <p>Maximum distance to target:</p> <p>Compound – 50 yards</p> <p>Recurve – 35 yards</p>
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### **WILDLIFE ID and MANAGEMENT**

<b>Event Description</b>	This section includes wildlife identification, wildlife management, and wildlife management techniques or problems. Participants will be asked to identify specimens or parts of specimens (skulls, skins, wings, single feathers, antlers/horns) tracks, scat or other sign. In addition, questions relating to relatively simple wildlife management or ecology may be posed, e.g. habitat type preference, breeding or loafing habitat, primary activity times, etc.
<b>Course</b>	20 stations requiring identification, analysis, or interpretation.
<b>Time Limit</b>	Participants will move through the course expeditiously without undue delay
<b>Scoring</b>	TBA