

25/50 Yard Youth Smallbore Match
Rattlesnake Mountain Shooting Facility
2026 Season

Location: Smallbore Competition Range

Match Directors: Dave McNeal (509-366-3879 mcnealendofthetrail.com)
Will McNeal (509-378-1447 wilmamcneal@msn.com)

Purpose: This event is sponsored by the Tri-Cities Shooting Association High-Power Discipline for Youth Shooters (Under Age 18)

Dates: 2nd Saturday or 4th Sunday of every month, April through October (weather permitting), starting on April 11, 2026.

Date	Match Director	Location	Time
April 11	Dave McNeal	Smallbore Competition Range	Registration 0800-0830 Mandatory safety Brief 0845
May 24	Dave McNeal	Smallbore Competition Range	Registration 0800-0830 Mandatory safety Brief 0845
June 13	Dave McNeal	Smallbore Competition Range	Registration 0800-0830 Mandatory safety Brief 0845
July 26	Dave McNeal	Range Smallbore Competition	Registration 0700-0730 Mandatory safety Brief 0745
August 8	Dave McNeal	Smallbore Competition Range	Registration 0700-0730 Mandatory safety Brief 0745
September 27	Dave McNeal	Smallbore Competition Range	Registration 0800-0830 Mandatory safety Brief 0845
October 10	Dave McNeal	Smallbore Competition Range	Registration 0800-0830 Mandatory safety Brief 0845

Time: APR, MAY, JUN, SEP, & OCT: Registration begins at 08:00, first shots at 09:00. The range access gate will open at 0730. At 0845, a **mandatory** safety briefing will occur for all shooters and adults.

JUL & AUG: Registration begins at 07:00, first shots at 08:00. The range access gate will open at 0630. At 0745, a **mandatory** safety briefing will occur for all shooters and adults.

Fee: No fees will be collected. Junior (under 18) youths shoot for free at RMSF.

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Participants: Match is limited to no more than 10 shooters per relay. A second relay may be shot so that one adult can supervise one shooter on each relay. This match is recommended for experienced match shooters as well as shooters beginning match participation.

Supervision of Youth Competitors: Each shooter must be supervised by an adult, and an adult may only supervise one inexperienced shooter at a time. (In the case of families with more than one shooter, an adult may supervise up to two experienced shooters in adjacent shooting lanes. It is at the Match Director's discretion to determine experience level of shooters.) A Match Director or individual performing Range Safety Officer duties may NOT provide this supervision. ***All personnel on the firing line must wear both eye and hearing protection.***

Course of Fire: The course of fire will use the NRA A-23-6 50 Yard target with two sighter and 4 record bulls. Unlimited sighters are allowed, with 5 shots for score on each record bull, 20 record shots per target. One scorecard shall be fired per match. Firing may be from a shooter provided bench, prone, sitting or standing. Empty Chamber Indicators (ECI) are required (available at the range.) Scores are tabulated on a best edge basis with the match winner determined by the high score. Each card will be checked by a second competitor, adult supervisor, or match director.

Duration: This match is not a timed event, but all shots on a relay, including sighters, will normally be completed within 45 minutes.

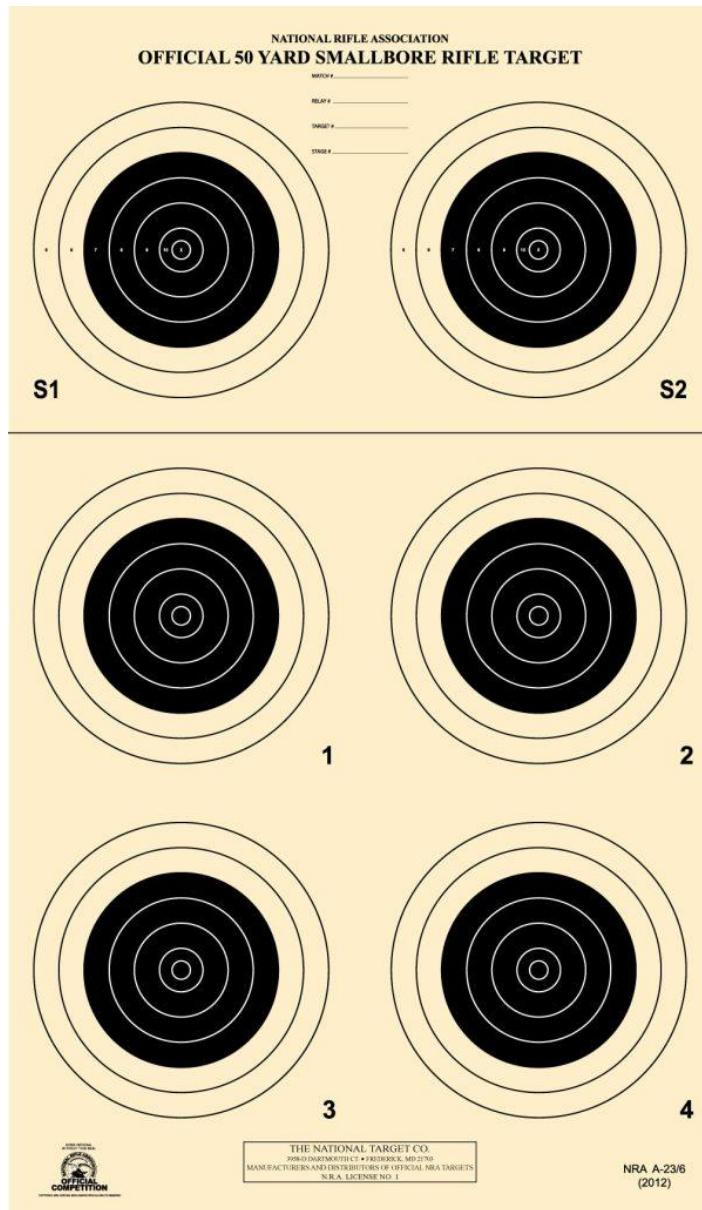
Firearms: This match is fired with bolt action .22LR smallbore rifles. Rifles must be single loaded by inexperienced shooters. Rifles may be shot with iron sights (open or metallic diopter types), or with any optic. There are no restrictions on sling use, firearm weight, or sight magnification. Triggers must be mechanical. Use of Tri-Cities Shooting Association loaner rifles is allowed by prior arrangement with Mr. McNeal.

Rests: Separate front rests (including bipods) and rear bags may be used to shoot from the bench or the prone position. Single piece rests connecting a unitized front rest and rear bag are not allowed. No rest may be fixed to the bench or the ground in an immovable manner.

Ammunition: Any brand of factory loaded .22 caliber Long Rifle ammunition may be used and must consist of the original, unaltered factory cartridge case, powder and projectile. Loaner ammunition is available.

Target: NRA A-23-6 target, 1 per match, provided by TCSA.

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Shooters may add additional sighter targets to their target holder if they wish.

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Format:

1. Participants arrive at the Rattlesnake Mountain Shooting Facility Smallbore Competition Range (enter the Shotgun Gate and make a left turn to the Smallbore Competition Range, then a right turn up the driveway onto the parking area). ***The Range is COLD all firearms are to be left in vehicles and not handled until the range is made Hot.*** Shooters and accompanying adults sign in and declare intentions to shoot at either 25 or 50 yards. Shooters are assigned to shooting lanes, receive targets and any safety or shooting accessories that they lack. Shooters may bring **gear other than firearms** to their shooting position and may place their targets at their selected distance in front of their firing position.
2. Shooters and adults gather and receive the Safety Briefing. Any questions regarding the course of fire are resolved.
3. The Match Director declares the range **HOT** and directs shooters in the first relay to bring their firearms to their shooting position. ***No ammunition may be loaded at this time and an empty chamber indicator must be in place in each firearm.***
4. Once all shooters are on the firing line they and their adults prepare their firing positions. ***No ammunition may be loaded at this time.***
5. When shooters are ready, the Match Director then gives the command to **load firearms**, checks the line ready and directs shooters to **commence firing**. They may shoot as many sighters as they desire and may go back & forth between sighters and record shots. Shooters may only fire 20 shots for record, five shots on each of the 4 record bulls on each target.
6. When all shooting completes, rifles are made safe. When all rifles are safe, the Match Director directs all first relay firearms to be returned to vehicles. **(Rifles may be returned to vehicles only while the range is HOT. Shooters who choose to shoot a second match will leave their safe rifles on the line.)** He then gives the command for range **COLD**, and shooters retrieve their targets.
7. When a second relay is ready to be shot, repeat steps 3-6 for the second relay
8. When all firing is complete, and the range is cold, shooters pass targets to another shooter, adult supervisor, RSO or Match Director for scoring. A magnified 0.224" scoring plug shall be used for close shots. The target is returned to the shooter for score verification. When all targets are scored and verified, they are returned to the Match Director to determine the order of finish.
9. Shooters return target holder sand borrowed items and police their brass. **Our goal is to leave the firing line and range cleaner than we found it.**
10. Shooters meet and scores are announced.
11. Shooters are dismissed and depart. Match Director secures range.

Scoring:

Targets are scored using a best edge convention, with the best possible score of 200-20X per match. Approximate scoring diameters are:

- 10-X score: 0.39"
- 10 score: 0.89"
- 9 score: 1.89"
- 8 score: 2.89"
- 7 score: 3.89"
- 6 score: 4.89"
- 5 score: 5.89"
- 0 score: > 5.89"

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Only five (5) shots will be scored on any bull. More than five shots on any bull will result in a ten point deduction for that bull. Total score from all 4 scoring bulls, less penalty points for extra shots, is the record score for that target card. A scoring plug shall be used to determine the value of any close shot, with a close shot being one that touches the next higher scoring ring. A bullet hole that touches the outside of a scoring ring will be given the higher value.

Ties shall be broken based on X-count. In the event of a tie based on total X-count, the tie shall be broken based on the earliest X. If the tied shooters both shot their earliest X at the same sequential bull target, the tie shall be resolved in favor of the individual whose next sequential X supersedes the opponent. Following sequential shots shall be compared until a superior X is found. If this method does not break the deadlock, the two scores will be reported as a tie for the higher position, and the lower position skipped in the results (e.g.; 1st, 2nd-T, 4th, etc.)

Empty Chamber Indicator (ECI):

An Empty Chamber Indicator is required to be in your rifle at all times except during the preparation period and the firing of your relay. Please have an Empty Chamber Indicator in your rifle when you arrive at the range to check in. If you do not have an Empty Chamber indicator, please arrive at the range with your rifle unloaded and the action open. Let the Match Director know you do not have an Empty Chamber Indicator, and one will be provided.

Handling Firearms:

Handling firearms behind the firing area is not permitted. Handling firearms is defined as anything a competitor does to operate the mechanism, shoulder, aim, put a sling on, load, practice loading, insert a clip or magazine, or otherwise perform any action that would prepare the competitor to fire the firearm.

After competitors are instructed to carry their rifles and equipment to the firing line, they are permitted to handle their rifles on the firing line as long as the range remains hot, the muzzle remains pointed up or downrange, and an ECI remains inserted.

Questions About This Match:

Questions about this match may be directed to Dave McNeal (509-366-6879)
TCSAYouth@tcsa.info