



GREAT NORTHERN CONFERENCE SHOOTING SPORTS OFFICIAL RULEBOOK

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2 WELCOME

Welcome to the Great Northern Shooting Sports Conference!

By joining the Great Northern Shooting Sports Conference (GNC) you are participating in one of the premier conferences of its kind in the state. We are focused on middle and high school aged youth, teaching them safe handling of firearms, while at the same time helping them develop positive life skills through shotgun shooting sports. The GNC will be started in 2018 with the help of several area shooting clubs, as a place for our youth to compete fairly and competitively with peers of their same abilities.

The backbone of this effort is the schools, parents, adults, and volunteers who organize and run the program on the local and state level. Any successful youth program will always have a few dedicated, passionate adults working in a leadership and guidance role. The amount of time, energy and financial resources that these dedicated adults contribute to the program is staggering. However, when you meet the wonderful young athletes that the program produces, you will understand quickly why it is worth it and why they do what they do.

This booklet has been prepared to guide you through the GNC shooting year. Whether your child is interested in becoming a National Champion or just wants to have a fun and safe social activity to enjoy with his or her friends, this GNC Shooting Sports Conference is the program for them!

3 GNC DEFINED & MISSION STATEMENT

First and foremost, honor the game, be honest. Focus on the student shooter! We don't need to be so competitive; the athletes are competitive enough on their own.

3.1 HONORING THE GAME

Competition is clearly part of the GNC, an indispensable part; but it is not the underlying principle. The "win at all costs" philosophy has no place in the GNC. Striving to win while playing by the rules does. Honoring the game, exhibiting good sportsmanship, and being a responsible team member, are the bedrock values the GNC strives to instill. It is the DUTY of everyone involved- administrators, coaches, parents and athletes, to set a good example for the GNC team members. Volunteers are expected to emulate and uphold high moral and ethical standards of personal conduct.

All GNC activities incorporate two indispensable elements -- SAFETY AND FUN! Safety is incorporated into every aspect of ALL activities. The learning environment at team practices and at competitive shoots is designed to include the element of FUN for all participants. Participants learn the safe and responsible handling and use of firearms. They discover the joy of contributing to a shared team goal and the commitment that goes along with it. During this self-discovery process, team members develop proficiency in a sport that can be shared and enjoyed with family and friends for a lifetime.

3.2 ADULT LEADERSHIP

The conference is led by trained and dedicated adult coaches who are committed to providing, promoting, and perpetuating opportunities for their young athletes to safely and enjoyably participate in a high quality, team-based sport. GNC coaches must take very seriously the responsibility of being good role models to the GNC athletes. These adults must adhere to the SCTP standard of coaching including background checks, and certification.

3.3 CONFERENCE DESIGN

Youth from elementary grades through high school are eligible to participate in the safe, educational and enjoyable GNC clay target sports of American Trap. There is no other sport that offers such an absolutely “level playing field” for gender participation as the shooting sports.

3.4 GLOSSARY

GNC:	Great Northern Shooting Sports Conference
SSSF:	Scholastic Shooting Sports Foundation
SCTP:	Scholastic Clay Target Program
ATA:	Amateur Trapshooting Association (National Governing Body)
Team:	Multiple athletes from one school and one class
Scratch:	Top 5 scores on a team in a class.
GNC Disciplines:	16 Yard American Singles Trap
GNC Classification:	Ref. 4.3.1
Registered Target:	Targets shot at an event sanctioned by the Amateur Trapshooting Association (ATA). These require an additional fee.
Head Coach:	The team head coach, is responsible for all actions of the team. They are also the primary contact person
Contact Person:	Person responsible for communicating between the GNC Athletic Directors.

4 OFFICIAL RULES

These rules have been set forth to ensure the safe and equitable treatment of all GNC participants. Their enjoyment and safety is our reward.

4.1 GNC DISCIPLINES AND SANCTIONING BODIES

4.1.1 Disciplines

The GNC offers opportunities for teams to participate in the discipline of AMERICAN SINGLES TRAP (16 YARDS).

4.1.2 Sanctioning Body

The GNC is governed by the representing athletic directors and head coaches and follows the guidelines set forth by the Scholastic Shooting Sports Foundation; Scholastic Clay Target Program, and Amateur Trapshooting Association. Contact information can be found in sub section.

4.2 PARTICIPANT ELIGIBILITY

4.2.1 Student Status & Age

All School aged boys and girls in Grades 4 to Full Time College Students with the physical, mental and emotional maturity to participate in a team sport are eligible to participate in the GNC. Participants must be bona fide students enrolled in an accredited school or home schooled program. The athlete must be deemed academically eligible to participate in school sponsored sports programs in accordance with the school code.

The GNC eligibility ends with graduation from college, or once a student reaches his/her 21st birthday whichever comes first. The GNC Staff has the option to grant a variance for age in view of special circumstances. College graduates with graduation dates during the current GNC year can finish out that target year.

4.2.2 Academic Eligibility

Team members must make satisfactory academic progress and be deemed eligible by school officials of their home school for participation in the school's extra-curricular activities, including school sports teams.

4.2.3 Conduct

All individuals REGISTERED with the GNC (Athletes, Head Coaches, an Assistant Coaches/Adult Volunteers and those ASSOCIATED with the GNC (parents and family members, et al.), MUST comply with the conduct requirements stated in the school's code of conduct and parent's agreement.

IMPORTANT! Breaches of the SPIRIT as well as the LETTER of GNC Rules, including stipulations in the Agreement WILL be grounds for SUSPENSION or EXPULSION from the program. Infractions of the conference rules will be considered the same as an infraction of the SCTP Rules. Any sanctions imposed by the GNC Directors WILL be recognized and enforced by all members of the GNC.

4.3 GROUPING ATHLETES

4.3.1 Classifications

In the American Disciplines, there are four competitive Classifications, determined by School Grade Level, are designed to allow participants to compete on a level playing field. GRADE LEVEL in school, NOT AGE, is the criterion used to populate the Divisions.

All participants in the SCTP must be registered on a specific team for each class. There will be no “trading” or “swapping” of athletes between schools.

CLASSIFICATIONS (SCTP American High School)

- | | |
|--------------------------|--|
| 1. Intermediate/Entry | Grade 6 or lower or first year shooting in SCTP under 9 th Grade. |
| 2. Intermediate/Advanced | Grade 7 – 8 unless first year shooting in SCTP. |
| 3. Junior Varsity | Grade 9 or first year shooting in SCTP. |
| 4. Varsity | Grade 10 – 12 unless first year shooting in SCTP. |
| 5. Collegiate | Full Time College Undergraduate and School Alumni |

4.3.2 Category Classification Rules

1. For conference play, (non-SCTP tournament), the teams may “bump-up” a specific number of athletes to complete a competitive class team to allow for buffer if needed. You may only bump-up 1 level from where they categorically belong according to SCTP rules.

4.4 SCHEDULE

As a conference, we have the flexibility to shoot face to face or virtually. For some teams face to face brings out a new level of competition and can help prepare your athletes for larger tournament play.

Every team will play every other team in round-robin competition over a 9-week period.

Any face to face shoots will be scheduled between the head coaches of the teams that are competing against each other that week. Teams may as many as can attend to shoot face to face. This is also a virtual league and travel is not required to compete against another team. Teams will decide between themselves who the host team will be depending on individual circumstances.

- The shooting week will run from Monday at 12:01 AM until Sunday at 11:59. All scores for that shooting week must be entered no later than Sunday midnight to count for the specified shooting week (round).
- A shooter will be allowed to shoot one (1) week ahead only if they are going to miss the next week due to approved reasons. Other exceptions will be agreed upon by head coach council vote.
- All Scores must be entered in a timely manner; no scores will be able to be seen from the opposing team until 12:01 AM on Monday of the next week.
 - Once your athletes are aware of being able to see their scores and how they are ranking among others in their class, the faster the better.
- Each team will schedule their own means of when they will score official scoring. However, for archival and audit purposes, all official scores must be highlighted with a highlighter on the scorecard BEFORE they start the round.
- Conference shooting will be 25 targets per week – head to head.

- Scoring will be based on “Team Scratch” Scoring (top 5 in every class).
- Teams must have a full 5 athletes in each class – to host a team in that class.
- Acceptable “Shift”: Bringing “up” several shooters from one class to the next to be able to host a team of 5 + 1. Only acceptable if the team cannot host a full 5 in any one class, and must be approved by GNC Directors.
- Team with most wins will be conference champion. Ties will be broken by total birds shot.
- Season will close with a conference shootout to be scheduled following the 9 week season at a location to be determined annually. The conference shootout will consist of 100 targets per athlete.

4.5 TEAMS (DEFINITION OF TERMS)

4.5.1 Team Focus

The intent of the GNC is to provide participants with the opportunity to be a member of a TEAM. A team is composed of a group of individuals who are committed to a common goal and who work together regularly to achieve that goal. Ultimately, to achieve this unity of purpose, team members should spend quality time together in activities other than just shooting. Team members should be required to practice on a regular basis with their team.

4.5.2 Definition of a GNC Team

An GNC team is defined as 5 or more individual athletes registered by and guided by a head coach. There is no upper limit to the number of athletes on a team. If a school cannot host a team of 5 or more in a given class. Requests to move “up” enough from one class to the next may be made to the board but can be no more than what is needed to make 5 + 1.

4.5.3 Competitive Squad

A GNC Squad that meets the Classification criteria is considered a valid COMPETITIVE SQUAD and is eligible to enter and compete in the GNC. A valid competitive squad to compete in trap consists of 5 athletes.

There is NO LIMIT to the number of individuals that can be registered on a team.

4.5.4 “Cherry Picking”

“Cherry Picking” individuals from within your team and loading a class is prohibited. “Cherry Picking” is defined as putting together a group of “hot shots”, “all-stars”, “elite” or a “paper team” to compete for a class. If in question, the opposing team can ask for proof of age on all members of a class. **ATHLETES AND/OR COACHES VIOLATING THIS RULE WILL BE SUSPENDED AND MAY BE REMOVED FROM THE PROGRAM AS WELL AS THE SCTP!**

4.6 TEAM REQUIREMENTS

4.6.1 Head Coach

Every team **MUST** have a head coach who is 21 years of age or older. The first and foremost responsibility of the head coach is to **ENSURE THE SAFETY** of all participants. Head coaches **MUST** emphasize the safe handling and use of firearms in every facet of the Scholastic Clay

Target Program (SCTP) and must be willing to conduct the “Required Practices” as stipulated below in Section 5-B.

IMPORTANT! PLEASE NOTE: For all GNC events (practices, matches, etc.), team members must be under the supervision of the team’s coaching staff. All second-year head coaches must be level 1 NRA/USAS/CMP Certified. Classes are offered through the SCTP at Scheduled times throughout the calendar year.

4.6.2 Team Funding

A team is responsible for its own funding, including practice, travel and shooting fees, unless otherwise managed by the school.

4.7 HEAD COACH / ASSISTANT COACH / ADULT VOLUNTEER

4.7.1 Head Coach Registration (Must be 21 years of age or older)

GNC head coaches are required to be members of the SCTP and complete the required registration.

- Go to the SCTP Website at sssfonline.com.
- Click on the box “For Coaches” - select the position desired and follow the on-screen directions to begin the registration procedure.

The registration procedure includes 3 elements: Head Coach Registration Form; Background Check & “Double-Goal Coach Course”. You will be prompted step by step to provide the necessary information.

Cost is \$30.00 and includes the background check and gets you a \$5,000,000 liability insurance policy. This policy can be an “also insured” for both your school and your range! If you wish to do this – you must request the certificate from the SAIA insurance carriers.

4.7.2 Assistant Coach/Adult Volunteer Registration (must be 18 years of age older)

GNC assistant coaches/adult volunteers are required to be members of the SCTP and complete the required registration.

- Go to the SCTP Website at sssfonline.com.
- Click on the box “New Coaches or Volunteers start here” - select the position desired and follow the on-screen directions to begin the registration procedure.

The registration procedure includes 3 elements: Adult Coach/Adult Registration Form; Background Check & “Double-Goal Coach Course”. You will be prompted step by step to provide the necessary information.

Cost is \$30.00 and includes the background check and gets you a \$5,000,000 liability insurance policy. This policy can be an “also insured” for both your school and your range! If you wish to do this – you must request the certificate from the SAIA insurance carriers.

4.8 TEAM REGISTRATION

4.8.1 Each Team is required to be registered with the SCTP.

Each team must complete all required registration and paperwork with the SCTP to be involved with the GNC. The required completed paperwork consists of:

- Athlete Registration - Consent & Waiver (SSSF/SCTP Website)
- School Code Agreement (School Specific)

Cost is \$20.00 per athlete and includes a \$5,000,000 liability insurance policy. This policy can be an “also insured” for both your school and your range! If you wish to do this – you must request the certificate from the SAIA insurance carriers.

4.8.2 Registration Deadline

The DEADLINE to have your athletes and coaches registered to participate in the GNC is the first week of Conference play for the current shooting year. The SCTP shooting year is defined as September 1st – August 31st.

4.9 SAFETY (REQUIRED PROCEDURES & EQUIPMENT)

4.9.1 Supervision at GNC Events

For all GNC events (practices, matches, etc.), team members must be under the supervision of the team’s coaching staff. Violation of this rule voids the volunteer liability insurance coverage, and disqualifies the team from the event and possibly the SCTP.

4.9.2 Required Eye/Ear Protection

All GNC registered athletes, coaches & anyone on the shooting field MUST wear EYE & EAR PROTECTION during ALL GNC practices and competitive events.

4.9.3 Special Safety Rules

- Toe Pads: The use of toe pads is forbidden. It is a violation to rest the muzzle on the foot. Violation of this rule may be grounds for disqualification.
- Foot Wear: Shooting in flip-flops or opened-toed shoes/sandals is prohibited. Violation of this rule may be grounds for disqualification.
- Muzzle Control: While on a shooting post or station, the muzzle must never cross any part of the shooter’s anatomy or any other person’s anatomy. Violation of this rule may be grounds for disqualification.

4.9.4 Allowable Equipment (Shotgun & Shot Shells)

- Shotgun: Any shotgun action type, 12 gauge or smaller, may be used if it is in a safe and serviceable condition. Shotguns used for all the disciplines, except trap, must be able to shoot twice without requiring it to be reloaded.
- Shot Shells: Reloads are ALLOWED for practices and competitions, provided they comply with the discipline’s (ATA) rule for payload weight, and in some cases, velocity. NO OVERLOADS!

4.9.5 Traps and Range

All trap machines at ranges shall be set to Amateur Trap Association specifications (See sub section B) before any conference scores can be shot.

4.10 DRESS CODE & CONDUCT

4.10.1 Appropriate Dress

Each registered GNC participant, whether Athlete, Coach or Adult Volunteer, represents not only the organization they are affiliated with but also the entire GNC. Promoting a positive image is in the best interest of the GNC and everyone involved with it. Appropriate dress for everyone associated with the GNC goes a long way in making a positive impression.

Tops: Shirt must have sleeves. Items of clothing that expose any part of the torso are prohibited. These include but are not limited to cutoff T-shirts, halter tops, tank tops, etc.

Bottoms & Shorts: Must be no higher than six (6) inches above the knee. Short shorts and low riding shorts or pants revealing undergarments or buttocks are prohibited.

Clothing Adornments: Shirts, hats, pants- any clothing- any other items carried, worn, with pictures, caricatures, designs, messages, writings or other embellishments with direct or indirect references to alcohol, tobacco, sex or sexual connotations, drugs, gambling or profanities are prohibited.

4.10.2 Conduct

Applies to coaches, parents and athletes...Acts of displaying unsportsmanlike conduct (includes but not limited to:

- Arguing with range officials or coaches
- Unsafe handling of firearms
- Disrupting a competitor
- Cheating
- Consuming alcohol or the consumption of non-prescribed drugs before or during any GNC activity are prohibited, will not be tolerated and are grounds for disqualification, suspension, and expulsion from the conference.

HONOR THE GAME, TREAT OTHERS WITH RESPECT, AND FOLLOW THE RULES

4.11 GOVERNANCE OF THE GREAT NORTHERN SHOOTING SPORTS CONFERENCE

4.11.1 GNC Governing Body

The governing body of the GNC will be comprised of each of the head coaches of every participating team. There will be a secondary person appointed from each school in case there is a conflict of interest.

The GNC Shooting Sports Board of Directors in conjunction of the guides with the National and State SCTP offices are committed to providing and maintaining a safe and healthy environment for all shooters, parents, coaches and visitors to our practices or events. To do so, safety will be considered the number one responsibility of every member, coach, parent or and/or

visitor. This handbook's intent is to provide for a minimum standard for operating guidelines to foster such a safe environment upon a foundation of fair play.

It shall be understood that the policies in this handbook may be modified as necessary with or without advance notice to the conference membership as the board may see fit. If a policy in the handbook conflicts with a more recent policy not yet published in the manual, the most recent policy will take priority. In addition, some matters may arise that require policy interpretation, discretionary decisions or a departure from the guidelines contained in this handbook. In such cases, policy interpretation and decisions rest solely with the selected conference board of directors. The board of directors at its sole discretion may also assign the same discretions to other entrusted coaches or committee members as circumstances may dictate. Should a shooting member, parent or any visiting persons acts, performance, personal safety habits, overall attitude, general conduct or demeanor become unsatisfactory in the judgment of a board members or entrusted members, based on violations of the manual or of any other policies, rules, regulations, expectations or standards of behavior,(either written or unwritten) that shooter, parent or visiting person will be subject to disciplinary action, up to and including immediate termination of membership and/or immediate removal from the activity, grounds or scoring guides. All decisions by the elected board of directors or appointed will be final and without challenge.

4.11.2 Appeals

The process for submitting an appeal will be as follows:

1. Issue Dispute: The issue in dispute must involve a violation of a specific GNC rule or policy.
2. Qualified Appellant: The injured or aggrieved party MUST be registered with the team and be a registered member of the GNC. Appeals from anyone other than a GNC member WILL NOT be considered.
3. Head Coach Concurrence: Appeals filed by an GNC athlete must have the concurrence of the athlete's athletic director or head coach. The head coach must sign the GNC appeals form.
4. Filing Procedure: All Appeals for any eligible violation must be submitted in writing within 72 hours of the incident to a board member of the GNC. They must submit a GNC completed appeals forum specifying what rule or policy was violated and facts as to how the rule or policy was violated. The complaint must include the date and specific location of the violation and names of any witnesses to the violation.
5. Decision Procedure: The Board of the GNC will confer on the fact presented and make a timely ruling on any appeals that are properly submitted. This decision will be made by the board to make decisions fairly. Any board member who is associated with the teams involved in the conflict will not be allowed to participate in the appeals process.

4.12 AWARDS & HONORS

4.12.1 Season Awards

Season Team Awards (Plaques) will be handed out as follows:

- Conference Champions Per Class (Varsity, Junior Varsity, Intermediate/Advanced, Intermediate/Entry, and Collegiate): Win-Loss-Tie-Total Birds in Head to Head Competition

Season Individual Awards (Medals) will be handed out as follows:

- 1st – 3rd: Collegiate Class
- 1st – 3rd: Varsity Class
- 1st – 3rd: Junior Varsity Class
- 1st – 3rd: Intermediate/Advanced Class
- 1st – 3rd: Intermediate/Entry Class
- HOA Ladies (Choice)
- HOA Men (Choice)

4.12.2 Conference Shootout Awards

Team Awards will be handed out as follows:

- 1st-3rd: Highest Overall Total Birds of the top 5 shooters on each team (all classes)

Individual Awards (Medals) will be handed out as follows:

- 1st – 3rd: Collegiate Class
- 1st – 3rd: Varsity Class
- 1st – 3rd: Junior Varsity Class
- 1st – 3rd: Intermediate/Advanced Class
- 1st – 3rd: Intermediate/Entry Class
- HOA Ladies (Choice)
- HOA Men (Choice)

4.12.3 All-Conference Honors

- Conference Top-Gun: Highest Overall (1) Varsity Shooter in Conference Season Play (Tie Breaker by Reverse Run)
- First Team All-Conference: Top 5 (2-6) Varsity Shooters in Conference Season Play.
- Second Team All-Conference: Next 5 (7-11) Varsity Shooters in Conference Season Play.
- Honorable Mention: Next 5 (12-16) Varsity Shooters in Conference Season Play.

5 APPEALS FORM

All Appeals must be submitted within 24 hours from the end of the event in which it occurred to the conference director.

Appealing Athlete Name: _____

Specific section of the GNC Handbook that the infraction relates to: _____

Specific Events of the infraction (Time/ Place/ What Happened):

Specific results to the Athlete from the infraction that occurred:

Witness to the infraction (names/ contact information):

Team Name of Athlete: _____

Athlete Signature: _____

Head Coach Signature: _____

Date: _____

6 SUB SECTION A - CONTACTS

Conference Shooting Sports Board

Antigo Red Robins

Head Coach: Chris Lucas (715) 216-4317 clucas@sssfonline.com
Athletic Director: Matt Meronk (715) 881-0748 mmeronk@antigoschools.org

Lakeland Union Thunderbirds

Head Coach: Tom Oestreich (715) 573-5393 oestreich@lakelandunion.org
Athletic Director: Don Scharbarth (715) 356-5252 x3488 scharbarth@lakelandunion.org

Medford Red Raiders

Head Coach: Jessica Sherfield (715) 560-0513 jfsherfield@gmail.com
Athletic Director: Bob Maloney (715) 748-5951 x484 gudenan@medford.k12.wi.us

Merrill Bluejays

Head Coach: Dave Lepak (715) 536-1507 dave-lepak@goetschs.com
Athletic Director: John Miller (715) 536-4594 x18005 john.miller@maps.k12.wi.us

Northland Pines Eagles

Head Coach: Tim Lehman (715) 891-4985 tlehman@npsd.k12.wi.us
Athletic Director: Brian Margelofsky (715) 479-6286 x1 bmargelofsky@npsd.k12.wi.us

Rhineland Hodags

Head Coach: Phil Kriesel (715) 482-0238 500sks@gmail.com
Athletic Director: Brian Paulson (715) 365-9500 paulsbri@rhineland.k12.wi.us

SPASH Panthers

Head Coach: John Irwin (715) 341-7596 jdi1956@yahoo.com
Athletic Director: N/A

Tomahawk Claybusters

Head Coach: Dan Winter (715) 453-4795 hatchethunter@hotmail.com
Athletic Director: N/A

Wausau Skeet & Trap

Head Coach: Randy Ullmer (715) 536-3230 dotwhyru@aol.com
Athletic Director: Multiple

Mosinee

Head Coach: Andrea Krzanowski (715) 297-0744 akrzanowski10@gmail.com
Athletic Director: Zach Zebro (715) 693-2550 x3417 zzebro@mosineeschools.org

7 SUB SECTION B – ATA STANDARDS FOR TRAP HOUSES, TARGETS & TARGET SETTINGS

A. TRAP MACHINE

A trap machine, which throws targets at an unknown angle, shall be used. All trap machines used to throw ATA registered targets shall be as manufactured, modified, or equipped as to interrupt irregularly the oscillation of the trap or otherwise assure the unpredictability of the flight of substantially all targets thrown. Each gun club that throws ATA registered targets must have on file in the ATA main offices a signed Affidavit that the trap machines used to throw registered targets meet the requirements of this rule. The State/Provincial ATA Delegate is responsible for the enforcement of this Rule.

B. TRAPHOUSES

Trap houses must adequately protect the trap loaders and shall not be higher than necessary for that purpose. It is recommended that trap houses constructed after September 1, 2003 shall conform to the following specifications:

1. Length not less than 7 feet, 6 inches, nor more than 9 feet, 6 inches.
2. Width not less than 7 feet, 6 inches, nor more than 9 feet, 6 inches.
3. Height not less than 2 feet, 2 inches, nor more than 3 feet, 0 inches, the height to be measured from the plane of the number 3 shooting position. It is recommended that the throwing surface (throwing arm or plate) of the trap machine be on the same level as that of Post 3 and the target height setting pad.

C. POSTS

The posts shall be 3 yards apart on the circumference of a circle whose radius is 16 yards. Handicap posts, when used, shall be prolongations of the lines given in Diagram I (p. 55 – ATA Handbook), commonly known as fan shaped. The distance between posts at 16-yards shall then be 3 yards.

D. TARGETS

No target shall measure more than four and five-sixteenths ($4 \frac{5}{16}$) inches in diameter, and not more than one and one-eighth ($1 \frac{1}{8}$) inches in height. A target shall not weigh less than 95 grams or more than 105 grams with an allowable variation of plus or minus 5 grams per target lot. A target lot is defined as all targets with the same production number.

E. FLIGHTS AND ANGLES

Singles targets shall be thrown not less than 49 yards nor more than 51 yards. Distance measurements are on level ground in still air. Targets shall be between 8 feet and 10 feet high, when 10 yards from Point B. The recommended height is 9 or $9 \frac{1}{2}$ feet. The height at a point 10 yards from Point B is to be understood to mean height above an imaginary horizontal straight line drawn through the post and Point B. (See Diagram II) (See also the alternative to setting by distance - setting by speed – in Section F, following.) Target height may also be set based on the height of the target at ten yards as measured above the level of the trap arm in the house rather than the height as measured from the number 3 shooting station. This is the recommended procedure at facilities where the installation of traps in the houses is inconsistent as to height. Point B is defined as the intersection of a line measured 1 foot 6 inches from the outside vertical wall (farthest from the shooting stations) of the trap house and the centerline of the trap house. Please review Diagram on page 55 – ATA Handbook. If the trap machine manufacturer specifies

a dimension other than 1 foot 6 inches, that dimension may be used in construction of the trap house. Clubs constructing new trap house and fields should use the same point B measurement as their existing fields to keep all fields as consistent as possible, provided the same trap machines are being used. In Singles shooting the trap shall be so adjusted that within the normal distribution of angles as thrown by the trap, the right angle shall not be less than 17 degrees measured to the right of center (3BF), and not less than 17 degrees measured to the left of center (3BF), with a total angle between outside target limits of not less than 34 degrees. (See Diagram II) Trap machines shall be adjusted so as to throw not less than equivalent angles. Where terrain allows, a visible stake may be placed on the centerline of the trap on the arc of a circle that has a radius of 50 yards and its center is Point B (Point F, Diagram II). To help in determining legal angles, stakes may be placed on the arc of a circle that has a radius of 50 yards and its center is Point B. One stake should be placed where a line drawn through Point A and Point B intersects this arc and another stake placed where a line drawn through Point C and Point B intersects the arc. These lines and stakes will assist in determining the required angles, but it is to be understood that the angle specifications apply when the target is from 15 yards to 20 yards from the trap rather than where the target strikes the ground. However, no target is to be declared illegal unless it is significantly outside normal parameters (e.g., more than 10 degrees outside normal).

In doubles shooting, targets shall be thrown not less than 44 yards nor more than 46 yards. Distance measurements are on level ground in still air. Targets shall be between 8 feet and 10 feet high when 10 yards from point B. The recommended height is 9 or 9 1/2 feet. The height at a point 10 yards from Point B is to be understood to mean height above an imaginary horizontal straight line drawn through the post and Point B (See Diagram II). The trap shall be adjusted so the angle of target spread is not less than 34 degrees. (See the alternative to setting by distance - setting by speed - in Section F, following.)

Target height may also be set based on the height of the target at ten yards as measured above the level of the trap arm in the house rather than the height as measured from the number 3 shooting station.

The 17-degree angle will appear to be a straight-away from a point 3 1/2 feet to the right of post 1; the 17-degree angle will appear to be a straight-away from a point 3 1/2 feet to the left of post 5. This 17-degree angle refers to the flight line of the target from the house to 15 or 20 yards out and can be used for singles, handicap, and doubles targets.

F. RULES FOR THE USE OF RADAR GUNS AND CHRONOGRAPHS TO SET TARGET SPEED:

There are two types of radar guns, high-power and low-power. The practical difference between them is that high-power guns work reliably from the 16-yard line and low-power guns don't.

High-power guns (Decatur, Stalker, most "police radar guns" and similar) are to be used at the 16-yard line. The trap oscillation is stopped, and the target measured is a straightaway. The gun is pointed horizontally. The correct speed for a singles or handicap target is a minimum of 42 MPH, maximum 43 MPH. The correct speed for the right target of a doubles pair must be a minimum of 39 MPH, maximum of 40 MPH.

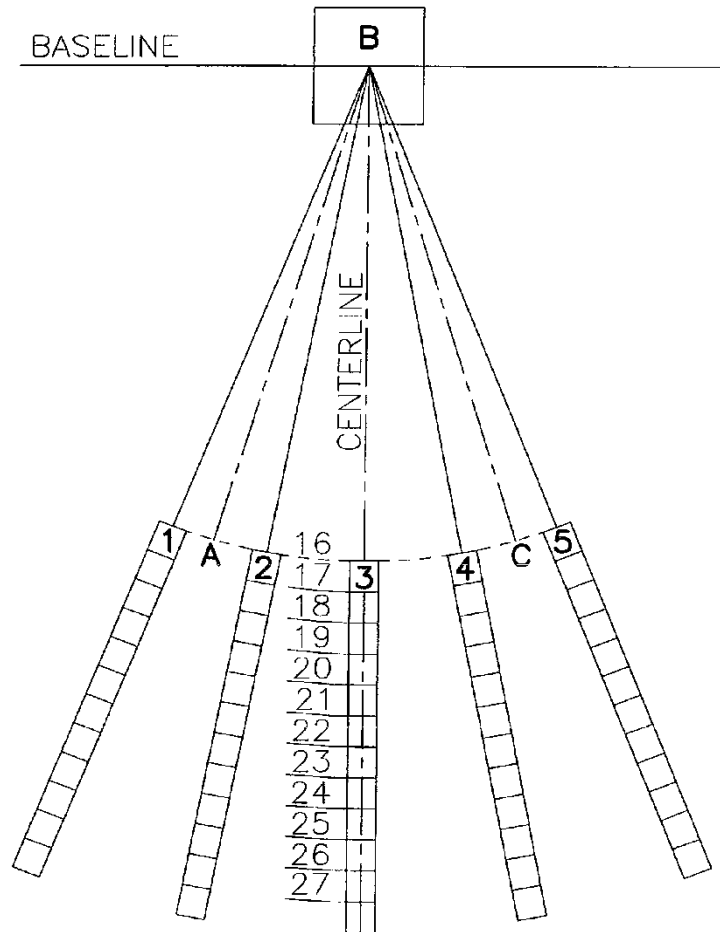
Low-power guns (SportRadar, Bushnell, and similar) are to be used at the back of the trap house and at the level of the top of the trap house. (Holding the gun higher than that will lead to a

target which is too fast.) The trap oscillation is stopped, and the target measured is a straightaway. The gun is pointed horizontally. The correct speed for a singles or handicap target must be a minimum of 42 MPH, maximum of 43 MPH. The correct speed for the right target of a doubles pair must be a minimum of 39 MPH, maximum of 40 MPH. When a radar gun is used from inside the house, the correct speed for a singles or handicap target must be a minimum of 44 MPH, maximum of 45 MPH. The correct speed for the right target of a doubles pair must be a minimum of 41 MPH, maximum of 42 MPH. A chronograph is to be used as close to the trap as practical and tipped up at approximately the same angle as the flight of the target. The correct speed for a singles or handicap target is 67 ft. /sec minimum, maximum of 69 ft. /sec. To set doubles with a chronograph, set a singles target to 76 ft. /sec minimum, maximum 78 ft. /sec. and then switch the trap to throw doubles without changing the spring tension.

Note: target speed may be set by distance as above or by speed as determined by a radar gun or chronograph. Target must be set by measured speed or distance.

8 TRAPFIELD AND FIRING POSITIONS DIAGRAM

POINT B: SEE RULE XIII, E.



YARDS FROM POINT B

Diagram I
Trapfield and Firing Positions

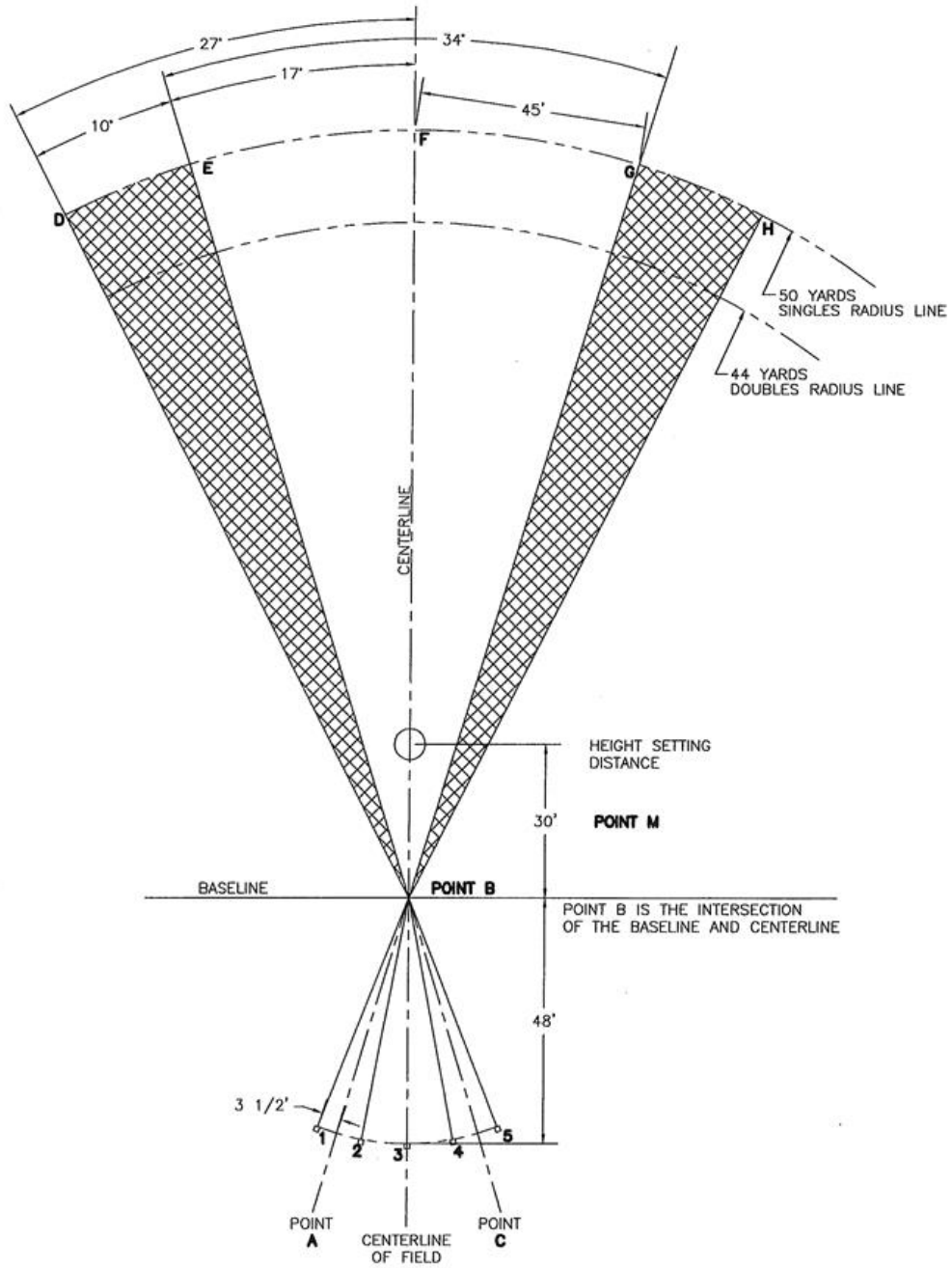


Diagram II