



The Cast Bullet Association, Inc.

OFFICIAL RULES FOR COMPETITION THIRD EDITION Amended Effective January 1, 2008

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These rules establish standards and requirements for The Cast Bullet Association, Inc. (CBA) competition. They will remain in effect until officially superseded or amended.

Section 1 TYPES OF COMPETITION

1.1 Definitions

- (a) Match - The firing of a single target card.
- (b) Event - The firing of all programmed score/group matches at one range distance.
- (c) Shoot - The firing of one or more events in a single day.
- (d) Tournament - The firing of two Benchrest score or score and group events over a period of two or more successive days. Standing matches may be included at the option of the Tournament Director.

1.2 Registered Shoot - A series of shoulder-to-shoulder matches covered by an official program approved by the Director of Registered Competition and conducted in full accordance with these rules. At least four competitors must actually fire in each event. Registered Shoots may be conducted any time other than the actual dates of the National Tournament.

1.3 Match Fees - Pre-registration of all registered shoots will be sent to the Director of Registered Competition per rule 10.1, along with a fee of \$8 per shoot or tournament.

- 1.4 **Regional Championship** - A registered shoot or tournament in accordance with 1.2, designated in advance by the Regional Director as the annual Regional Championship and so announced in the official journal.
- 1.5 **National Tournament** - An annual registered competition sponsored by CBA and designated by the Director of National Competition as the National Tournament. Dates of the annual National Tournament, no compelling reason otherwise, shall be the weekend following Labor Day. Only courses of fire for which CBA National Records are recognized may be fired at a National Tournament. Unclassified entries are not permitted. The National Tournament Grand Championship Trophy shall be awarded on the basis of Benchrest score or score and group matches totaling at least 80 record shots. Half of the total number shall be fired at each of two range distances. At least 40 record shots shall be for score.
- 1.6 **Postal Match** - An unregistered single match, a series of matches and/or an aggregate whereby the competitor fires on his own local range under the rules of the particular match program and submits his fired target(s) by mail to the Director of Postal Competition for scoring. Conduct of unregistered matches may follow or vary from these rules at the discretion of the Director of Postal Competition.
- 1.7 **Assisted Shoot** - An unregistered shoulder-to-shoulder competition of precision marksmanship sponsored by another organization. Exclusive use of ammunition in accordance with Section 4 is required but conformance with other CBA rules is not mandatory. Publicity and in some cases awards are provided on approval of the President.
- 1.8 **Firing Positions**
- (a) **Benchrest** - Seated at a shooting bench with the firearm supported by sandbags.
 - (b) **Standing** - Erect on both feet with no other portion of the body touching the ground or any supporting surface. Rifles will be supported by both hands and one shoulder only. The elbow or upper part of the forward arm may be placed against the body or rested on the hip. Shooting coats, palm rests, slings, and hook buttplates are permitted. Handguns shall be supported by the hands only; the arms may not touch the body.

Section 2 ELIGIBILITY OF COMPETITORS

- 2.1 **Classified Competition** - In CBA Registered Shoots, Regional Championships, National Tournaments, and Postal Matches entry is restricted to CBA members, associate members and, on a reciprocal basis, members of The National Benchrest Shooters Association and International Benchrest Shooters.
- 2.2 **Unclassified Entries** - When firing points are readily available, Match Directors may permit members or non-members paying the required entry fee to fire at registered shoots as unclassified entries. Ammunition conforming to Section 4 and equipment conforming to Section 5 are not required. Targets not conforming to Section 6 may be allowed at the option of the Match Director. Unclassified entries are not competitors or eligible for awards. Completion of a technical data form is not required. Targets are scored but scores are not recorded.
- 2.3 **Physically Handicapped Shooters** - Competitors who are unable to fire from prescribed positions or must use special equipment may petition the Board of Directors for exception. Accompanying photographs, medical opinions or other supporting documentation will be considered. Exceptions granted will be signed by the President and must be presented for inspection by the Match Director at Registered Competition.

Section 3 COMPETITORS' DUTIES AND RESPONSIBILITIES

- 3.1 **Discipline** - It is the duty of each competitor to cooperate with Match Officials and to promptly call the attention to proper officials of any infraction of rules of safety or good sportsmanship. No competitor may fire under an assumed name, nor may he substitute for another in a match, nor register, enter, or fire in the name of another.
- 3.2 **Knowledge of Program** - It is the competitors' responsibility to be familiar with the Shoot program.

- 3.3 **Technical Data on Competitor's Equipment and Ammunition** - shall be supplied on an official form before the competitor fires.
- 3.4 **Reporting at the Firing Point** - Competitors must report properly equipped at their assigned firing point immediately when called by the Range Officer.
- 3.5 **Loading** - No competitor will load any firearm except at the firing point and after the "Load" command has been given by the Range Officer.
- 3.6 **Cease Firing** - All firearms will be unloaded immediately upon the command "Cease Firing". Actions will remain open. Bolts will be removed from bolt action rifles.
- 3.7 **Checking Scores** - Competitors are responsible for checking their own scores.
- 3.8 **Assisting With Targets** - Competitors will serve as target detail whenever required under the program of an individual Shoot.

Section 4 AMMUNITION REQUIREMENTS

- 4.1 **Cast Bullet** - A projectile made of lead or lead alloy which has received its basic form by being cast of molten metal in a mold rather than being formed in a die. Except in the Plain Base Bullet class, a gas check having a sidewall height of no more than 0.10" may be attached to the base. Enlarging or reducing a cast bullet by bumping or swaging is permitted.
- 4.2 **Cast Bullet Cartridge** - An assembled round consisting of a primed center-fire cartridge case, a propellant charge, and a bullet meeting the requirements of 4.1.
- 4.3 **Plain Base Bullet Class** - Any rifle meeting the requirements of 5.4 (Unrestricted Rifle) may be used in the Plain Base Bullet (no metallic gas checks) Class. The Plain Base Bullet Class does not prevent the use of plain base bullets in other classes. Breech seating is allowed.

Section 5 EQUIPMENT REQUIREMENTS

- 5.1 **Rifles** - Rifles authorized for use in CBA competitions must be chambered for a center-fire cartridge. There is no restriction on barrel length except that imposed by law. Any safe trigger may be used. Forearm width (except Unrestricted Rifle) may not exceed three inches. Weight of the rifle with sights attached is governed by the restrictions of the class in which it is entered. A rifle may be entered in any class for which it meets the restrictions by designating that class on the Technical Data Form before firing.
- 5.2 **Production Rifle** - A factory produced rifle manufactured in a quantity of at least 1000 units over any 12 month period. Rifles produced by a manufacturer's custom shop are prohibited. Factory sights and ejector may be removed, but all other parts, including detachable magazines, must be present and functional when the rifle is weighed or fired. Maximum weight is 12.0 lbs. (5.45 Kg). Modifications judged to have been made specifically to allow the rifle to meet the weight limit are prohibited. The barrel may be shortened only from the muzzle end to facilitate re-crowning. The barrel's exterior may not be altered from factory specifications. The barrel must be chambered for its original cartridge and the chamber, including the neck, must conform to SAAMI specifications for the cartridge used. Non SAAMI specification throating is allowed ahead of the chamber neck. Factory stock, action, trigger, and barrel, appropriate to the model, must be used. Factory stock contour may not be altered. Factory parts may be exchanged; however, a rifle reconfigured must duplicate a factory produced model. Except for the stock, action, trigger, and barrel, substitution of custom parts is allowed. Alterations not expressly prohibited by these rules are allowed. Within the confines of these rules, Match Directors have full authority for determining eligibility of rifles used in Production Class with the sole exception of a rifle used to set a new national record, when the Board of Directors may overrule the decision of a Match Director. Rifles using an original issue military action and barrel and meeting the Production Class weight limit may be fired in Production Class with no other restrictions.
- 5.3 **Heavy Rifle** - Any rifle meeting the requirements of 5.1 weighing less than 14.0 lbs. (6.35 Kg).

- 5.4 **Unrestricted Rifle** - Any rifle meeting the requirements of 5.1 without restriction as to its weight, stock configuration or guidance means. The competitor must place the rifle and rifle cradle on the bench by hand. Breech seating is allowed.
- 5.5 **Handguns** - Handguns authorized for use in CBA competitions must be designed to be supported by the hands only and chambered for a center-fire cartridge. Any safe trigger may be used. Barrel length and weight with sights attached are governed by the class within which the handgun is entered. Barrel lengths are measured from breech-face to muzzle except for revolvers where the overall barrel length shall govern.
- (a) **Long Range Handgun** - Any handgun having a maximum barrel length of 15 inches and a maximum weight of 7.0 lbs. (3.18 Kg) is allowed.
- (b) **Unrestricted Pistol** – The rules are the same as the Unrestricted Rifle Class, except: no butt stock, no restrictions on weight and no restrictions on the barrel.
- 5.6 **Sights** - Any sights without restriction as to material or construction are permitted.
- 5.7 **Military Rifle Shoot** - The rules for Registered Military Rifle Shoots shall follow existing CBA Benchrest rules with the following additions and exceptions.
- (a) **Military Rifles**
- [1] **Issue** - Any military service rifle issued to any nation and legally sold as surplus in the US and in strictly as issued configuration. This means NO modifications are allowed to the rifle.
- [2] **Modified Iron** - Any military service rifle issued to any nation and legally sold as surplus in the US and with issue action and barrel. Stocks may be either issue stocks, modified military stocks or sporter stocks. Modified military or sporter stock forearms may not be wider nor flatter on the bottom than the original stock issued for that rifle. Modified military or sporter stocks may not weigh more than the original issued stock. Any trigger and iron sight may be used and glass bedding is allowed.
- [3] **Modified Scope** - Any military service rifle issued to any nation and legally sold as surplus in the US and with issue action and barrel. Stocks may be either issue stocks, modified military stocks or sporter stocks. Modified military or sporter stock forearms may not be wider or flatter on the bottom than the original stock issued for that rifle. Modified military or sporter stocks may not weigh more than the original issued stock. Any trigger and scope up to a maximum of 6 power may be used. Glass bedding is allowed.
- [4] **Big Bore Issue** - Any military service rifle issued to any nation and legally sold as surplus in the US with a bore of .39 caliber or larger. This rifle must be in strictly as issued configuration except for the following allowed modifications: The front sight may be raised or lowered as long as the original profile is kept, a rim fire rifle may be converted to center fire and a slip on recoil pad may be used.
- (b) **Targets**
- [1] **100 Yard** - NRA official 600 yard National Match Course target reduced to 100 yards (MR – 31).
- [2] **200 Yard** - NRA official 600 yard National Match Course target reduced to 200 yards (MR – 52).
- (c) **Time Limits** - 10 shot score matches will be fired in 15 minutes elapsed time.
- (d) **Course of Fire** - All military competitions will be held using single round loading.
- [1] **100 Yard Benchrest Score** - Ten shots on each of two separate MR-31 targets for a combined total of 20 record shots. A separate sighter target may be used.

- [2] 200 Yard Benchrest Score - Ten shots on each of two separate MR-52 targets for a combined total of 20 record shots. A separate sighter target may be used.
- [3] 5 Shot Benchrest Group - Course of fire same as standard rules but using above targets and due to target size, no backers will be required. A separate sighter target may be used.

(e) Wind Flags - The use of individual wind flags is optional.

(f) National Records - National Records will be kept for the following categories by the Director of (Military Competition. A separate record will be kept for each of the three Military Rifle Classes.

- [1] Aggregate (total score) of two 10 shot score matches at 100 yards.
- [2] Aggregate of two 10 shot score matches at 200 yards.
- [3] Combined (total) aggregate of two 10 shot score matches at 100 yards and two 10 shot score matches at 200 yards.
- [4] All 5 shot group records will be the same as standard rules.

5.8 Spotting Scopes - Telescopic apparatus used to spot hits on the target is permitted.

5.9 Rests (Rifle) - In benchrest matches, rifles shall be fired from a sandbag front rest which may be supported on a pedestal, and a sand bag rear rest supporting the underside of the buttstock. Neither sandbag will be utilized in a manner which will restrain recoil. Rifles entered in the Unrestricted Class are exempt from these requirements.

(a) Rests - Neither the front nor rear rests shall be attached to the bench, the rifle, to each other, or to anything connecting the rests. Forend stops are permitted. Flat shims to provide correct rear bag height for different ranges and "stabilizer" bases are also allowed. These may not be attached to the rear bag or to the bench.

(b) Sandbags - Shall be of one or more materials which can be easily flexed with the fingers before being filled with a non-metallic material similar to dry sand.

(c) Guiding Means - Any device, addition, contour or dimension on a rifle designed or adapted to co-act with mating or reciprocal features of a rest to guide its return to firing position making it unnecessary to re-aim the rifle optically for each shot is prohibited in all but the Plain Base Bullet and Unrestricted Rifle classes.

5.10 Rests (Handgun) - Handgun rests may be of any form as long as they neither hold the handgun mechanically, nor are used to restrain recoil, nor provide a means of guidance making it unnecessary to optically re-aim the handgun for each shot. The use of slings or straps to restrain recoil is not permitted.

5.11 Wind Flags - Only those flags or other wind indicators approved by the Match Director may be used. Personal wind flags which do not interfere with other competitors are permissible. Calibrated wind measuring instruments are prohibited.

5.12 General - All devices which may facilitate shooting and which are not mentioned in these Rules, or are manifestly contrary to the intent of these Rules are prohibited.

5.13 Muzzle Brakes - Firearms with muzzle brakes, ported or slotted barrels will not be allowed in CBA registered competitions.

Section 6 TARGET REQUIREMENTS

Only CBA targets described here may be used for classified competition in CBA registered events.

6.1 Benchrest Target for Score - is decimal with concentric scoring rings proportional to the range. The radius of each ring is 0.1 mil (one ten-thousandth part of the range) larger than that of the next smaller

ring. Diameter of the 10-ring is .72" at 100 yards, and 1.44" at 200 yards. The .072" X dot applies at both ranges. CBA's Official Score Target consists of one sighter and five record bullseyes.

6.2 **Benchrest Target for Group** - uses the same ring spacing as the score target with an aiming area located above the ring center. The aiming area is a 100 yd. 10-ring inside a square having the same outside dimension as the diameter of the 200 yd. 10-ring. The official CBA Group Target consists of a sighter bull below and a record bull above.

6.3 **Standing Target for Score** - NRA official 100 yd. Small Bore Rifle target TQ-4 (formerly A-15) or A-25.

Section 7 TIME LIMITS

7.1 **5-shot score and group matches** will be fired in 10 minutes elapsed time.

7.2 **10-shot group matches** will be fired in 15 minutes elapsed time.

7.3 **10-shot standing matches** will be fired in 15 minutes elapsed time.

7.4 The elapsed time between the end of a match and the start of the following match must be at least 7 minutes.

7.5 If a match is stopped in the course of fire, two minutes shall be added to the clock when the match is resumed, but may not exceed the original time limit of the match.

Section 8 NATIONAL RECORDS

8.1 **Records - Targets considered for recognition as National Records** must be fired in registered shoulder-to-shoulder competition conducted in full compliance with these rules. National Records must be approved by the Director of Registered Competition before being declared official.

8.2 **Courses of Fire For Which National Records Are Recognized**

(a) **Benchrest "Score" for each class --**

- [1] Aggregate (total score) of four 5 shot matches at 100 yards.
- [2] Aggregate of four 5 shot matches at 200 yards.
- [3] Combined (total) aggregate of four 5 shot matches at 100 yards and four 5 shot matches at 200 yards.

(b) **Benchrest "Group" for each class --**

- [1] 5 shots at 100 yards.
- [2] 5 shots at 200 yards.
- [3] Aggregate of four 5 shot groups at 100 yards. (The aggregate is the average of the four group size measurements rounded to the fourth decimal place.)
- [4] Aggregate of four 5 shot groups at 200 yards.
- [5] Grand Aggregate of paragraphs [3] and [4] above is the average of four group size measurements at 100 yards averaged with one-half the average of the four group measurements at 200 yards, expressed as minutes of angle.

(c) **Benchrest "Group" for each class-**

- [1] 10 shots at 100 yards.
- [2] 10 shots at 200 yards.
- [3] Aggregate of two 10 shot groups at 100 yards. (The aggregate is the average of the two group size measurements rounded to the fourth decimal place.)
- [4] Aggregate of two 10 shot groups at 200 yards.
- [5] Grand Aggregate of paragraphs [3] and [4] above is the average of the two group size measurements at 100 yards averaged with one-half the average of the two group measurements at 200 yards, expressed as minutes of angle.

(d) Standing "Score" for Rifles (5.1)

- [1] 10 shots at 100 yards.**
- [2] Aggregate (total) of four 10 shot matches at 100 yards.**

(e) Standing "Score" for Handguns (5.5)

- [1] 10 shots at 100 yards.**
- [2] Aggregate (total) of four 10 shot matches at 100 yards.**

8.3 Co-held Records - National records may be held by more than one competitor when equal scores or groups are fired on the same date or when the record is unbeatable (200-20X at 100 yards.) Otherwise, the score or group fired at the earliest date will be listed as the National Record.

Section 9 RANGE STANDARDS

9.1 Distances - Standard range distances for competition are 100 yards and 200 yards. Tolerance on the distance from the firing line to the target face is plus or minus 1% of the nominal range. When group targets are fired at 100 meters or 200 meters the group measurements may be multiplied by 0.9144 for direct comparison with those fired at 100 and 200 yards.

9.2 Firing Points - Registered shoots shall be conducted from a range equipped with at least four firing points and matching target frames permitting at least four competitors to fire from adjacent positions on a single relay.

9.3 Backing Targets - Moving backers are required for all groups considered for National Records.

Section 10 DUTIES OF THE MATCH DIRECTOR

The Match Director of each CBA registered competition will conduct all matches in full accordance with these Rules including:

10.1 Registration - The application for the planned competition is submitted to the Director of Registered Competition at least two months in advance of the scheduled date. If fewer than four competitors actually fire in all scheduled events, registration is automatically canceled. Unclassified entries are not competitors and may not be included in the minimum of four who must actually fire.

10.2 Entry Fees - The Match Director will fix registration fees for the shoot to cover all costs; targets, target crews, statistical office staff, range officer, program announcements, advertising, signs, club fees, CBA fees, prizes, trophies and all other expenses. Prizes may be solicited in the name of CBA only for the annual National Tournament by the Director of National Competition or his designee(s). The sponsoring organization assumes responsibility for any profit or loss. Competitions must be planned to be self-supporting.

10.3 Publicity - Appropriate announcement of competitions will be published in the official journal when approved by the Director of Registered Competition. Information must be received at least two months in advance of the shoot date.

10.4 CBA Forms - Have membership applications, technical data sheets and score report forms available at the shoot.

10.5 Scoring Devices - The statistical officer is properly equipped with a set of plugs for score targets and a reticle rule for group targets.

10.6 Entrant's Membership Status - Each entrant's membership card will be inspected to ascertain the person's eligibility to compete. A completed membership application with annual dues may be accepted from non-members in lieu of a card. Receipt of such application and dues will be noted by the Match Director on that competitor's Technical Data Form.

10.7 Weighing - A suitably accurate scale is on hand to check the weight of all firearms during the registration procedure and the weight properly recorded on the technical data form.

- 10.8 **Technical Data Record** - A completed technical data form describing the equipment and ammunition used in the matches will be obtained from each competitor. The Match Director or his designee(s) will review forms for completeness and readability while the competitors are still on the premises.
- 10.9 **Announcing Matches** - The chief range officer orally describes each match for the information of competitors prior to the commencement of firing the match.
- 10.10 **Passage of Time** - Range officers will announce when there is one minute of time remaining in the match.
- 10.11 **Inspecting Ammunition** - At the discretion of the Match Director, ammunition may be checked during the course of the program for compliance with Section 4.
- 10.12 **Reporting Scores/Groups and Aggregates** - Scores/Groups, aggregates and grand aggregates are recorded and reported in an organized fashion for publication in the official journal. Applicable technical data will be suitably tabulated for concurrent inclusion.
- 10.13 **Documentation of Record Breaking** - Targets and any companion moving backers that evidence the possible breaking of an officially recognized national record will be carefully segregated and preserved for formal submission to the Director of Registered Competition.

Section 11 COMPETITION REGULATIONS AND RANGE OPERATION

- 11.1 **Actions Open** - The action of uncased firearms must remain open at all times except when in use on the firing line.
- 11.2 **Rifles Unloaded** - Rifles will not be loaded until the competitor has taken position at the firing point and the command "LOAD" has been given.
- 11.3 **Bench Assignment** - The method of bench selection shall be determined by the match director. However, if requested by one or more competitors, then bench assignment shall be by drawing or by bench rotation at the option of the Match Director. Drawing shall be by individual competitors and may begin when a minimum of four competitors are present. Bench rotation shall be conducted by each competitor moving a pre-determined number of benches to the right and shall take place at or near the mid-point of the program.
- 11.4 **Coaching** - is permitted as long as it does not distract other competitors.
- 11.5 **Use of Two Firearms**
- (a) **Events** - A competitor may fire one firearm in one event (see 1.1b) and a different firearm in another provided the competitor registers twice and pays the regular entry fee for one firearm and a nominal fee (minimum \$1) set by the Match Director for the second firearm. Separate competitor numbers will be assigned for each registration. Grand Aggregates are recorded only when the two firearms are of the same class with one fired for score and the other for group.
- (b) **Classes** - When more than one relay has been scheduled, a competitor may fire a firearm of one class in one relay and a second of another class in another relay. The competitor registers twice and pays twice the regular entry fee. Separate competitor numbers will be assigned for each registration. Grand aggregates are recorded.
- 11.6 **Changing Rifles** - No competitor will change his rifle during the firing of any match or aggregate unless it has become disabled and has been so declared by the Range Officer or Match Director.
- 11.7 **Disabled Rifle** - is any rifle which cannot be safely aimed or fired or has suffered the loss of a sight rendering it impossible to properly aim at the target or cannot be fired because of mechanical failure. There must be evidence of physical damage to sights. Sights improperly adjusted do not constitute a disabled rifle. A rifle once declared disabled by the Range Officer shall not be used again at that competition until the defect has been corrected and the rifle has been ruled as safe by the Range Officer.

- 11.8 Procedure In Case Of Disabled Rifle - If a rifle becomes disabled the competitor will call the Range Officer. The Range Officer, when satisfied the rifle is disabled, will permit the competitor to use another rifle of the same class. Additional time may be allowed equal to the time lost because of the disabled rifle. All shots fired up until the time the Range Officer is called will stand as part of the official score.
- 11.9 Misplaced Sighting Shot - When the first sighting shot hits outside or touches the defined sighting target boundary the competitor will inform the Range Officer of the location of such shot. The Range Officer will record the value and location of the bullet hole for the information of the statistical officer. No such claim for negating a misplaced sighting shot will be allowed after the competitor has fired more than one shot.
- 11.10 Incomplete Matches
- (a) Not Completed By All Competitors - When a match is not completed by all competitors in accordance with the shoot's program, the match may be rescheduled or cancelled. Any match which has been completed by all competitors will not be refired. Only scores/groups of a match which has been completed will be included in an aggregate.
- (b) Inclement Weather - When rain or other weather conditions result in warpage, stretching or other damage to target cards and the match is stopped, it is the decision of the Match Director whether to scrap the fired targets and reschedule the match or to hold all fired for scoring or measuring when conditions permit firing to be resumed.
- 11.11 Refusal To Obey - No person will refuse to obey instructions of the Range Officer or of any other official when the instructions are given in the proper conduct of his office.
- 11.12 Evasion of Rules - No competitor will evade, attempt to evade or be an accessory to the evasion of any of the conditions of a match as prescribed in the program or in these Rules. Refusal of a competitor or match official to give testimony regarding facts known to him concerning violations or attempted violations of these Rules will constitute being an accessory to the violation or attempted violation.
- 11.13 Disqualification - The Range Officer, the Match Director or the Director of Competition upon proper presentation of evidence may disqualify any competitor or order his expulsion from the range for violation of these Rules or for other conduct they consider discreditable or unsafe. Such unsafe conduct shall include, but not be limited to, failure to promptly obey range commands, pointing of a firearm muzzle in an unsafe direction or manner, rough or careless treatment of firearms, ammunition or components thereof, or evidence of intoxication or mental disorientation from any cause.
- 11.14 Suspension - For violation of these Rules deemed so to justify, any member may be suspended or expelled from The Cast Bullet Association upon presentation of evidence and conduct of a hearing by the CBA Board of Directors.
- 11.15 General - Adherence to the spirit of these Rules is essential. Nothing is allowable in local or regional registered shoots that would not be allowed at a National Tournament.

Section 12 SCORING

- 12.1 How To Score - First examine the target and count the hits to determine whether there are excess hits, misses, or hits of uncertain value that will require gauging.
- 12.2 Scoring Of Ring Targets
- (a) Location of bullet hole - A bullet hole, the leading edge of which breaks, touches, or is visibly tangent to the X-dot or any scoring ring is given the higher value, including keyholed or tipped shots. All X's must be scored.
- (b) Gauging - In case of doubt whether a bullet hole touches a dot or ring, the statistical officer will use a plug of the proper caliber to aid in making his scoring determination.
- (c) Hits outside the scoring rings are scored as zeros.

- 12.3 Measuring Group Targets - The group size is the distance between the centers of the two most distant bullet holes measured to the nearest one-thousandth of an inch. The Sweany Reticle Rule is the preferred measuring device. The record target must have the required number of hits above the center of the target card. Insufficient hits as determined by the moving backer disqualify the target. Excess hits do not disqualify the target but all hits on the upper half of the target will be included in measuring the group.**
- 12.4 Excess Hits (Score)**
- (a) On Own Target - A competitor firing more than the required number of shots on his own target card will be scored with the required number of hits of lowest value.**
 - (b) Misplaced Shot On Own Target - If a competitor fires more than the required number of shots on a bull but the total number of shots for the target is correct, the misplaced shots will be scored on the correct bull minus a penalty point for each misplaced shot.**
- 12.5 Crossfires - No competitor will deliberately fire on another's target. It is the responsibility of each competitor to report immediately to the Range Officer any crossfiring. Crossfires will be scored according to the following rules:**
- (a) When Shooting For Score - The competitor firing the crossfired shot will receive the hit of lowest value on the corresponding bull minus a penalty point. This applies whether or not the hit can be identified. The competitor on whose target was crossfired will receive the highest value for that bull.**
 - (b) When Shooting For Group - If the crossfired hit can be identified, it will not be included in the group measurement of the competitor receiving it. The competitor firing the crossfire will be penalized by adding to his group measurement .500 inch for 100 yard matches or 1.000 inch for 200 yard matches. If the crossfired shot cannot be identified, the competitor receiving it has the option of accepting the group or refiring the match.**
- 12.6 Early Or Late Shots - If a competitor in a score match fires before the signal to Commence Firing or after the signal to Cease Firing, the shots of highest value on that target card, equal in number to those fired in error, will be scored as misses. In group matches, early or late shots will be scored as misses and disqualify the target.**
- 12.7 All Shots Count - All shots fired by a competitor will be counted in his score or group even though the firearm may be accidentally discharged.**
- 12.8 Retention Of Record Targets - Match Directors and statistical officers shall retain possession of record targets until all scores/groups are determined, compared, and aggregates tallied. Competitors shall not remove fired targets from the "wailing wall" until permission is granted by the statistical officer or Match Director. After grand aggregate scores/groups are determined:**
- (a) All winning targets will be retained carefully at least 15 days for comparison with existing officially recognized National Records.**
 - (b) Other fired targets will be released immediately to competitors desiring them.**
 - (c) Individual targets or sets of targets which support scores/groups appearing to break official national records must be submitted by the Match Director to the Director of Registered Competition for scoring confirmation and decision on official recognition. Such record targets so recognized are retained in CBA archives. Record targets submitted to the Director of Registered Competition for appraisal as to the breaking of an officially recognized national record must be accompanied by the associated completed technical data form.**

Section 13 DECISION OF TIES

- 13.1 Score Targets - Tie scores will be broken (in order) by:**
- (a) The greater number of X's.**
 - (b) If X count is equal, the greater number of 10's.**
 - (c) If 10 count is equal, the greater number of 9's, etc.**
 - (d) If still tied and a grand aggregate, by the higher score at the longer range.**
 - (e) If still tied, by scoring from the last numbered bull backward until a higher value on comparably numbered bull determines the winner.**
- 13.2 Group Targets - Ties in group matches (competitors having groups of identical size) will be broken by the relative position of the competitors in match aggregate; that is, the competitor with the smaller aggregate group measurement wins the individual match. Ties in a group aggregate will be broken by comparing the relative sizes of the tied competitors' groups. The smallest individual group wins the aggregate.**

Section 14 PROTESTS

- 14.1 Competitors in registered competitions may protest:**
- (a) Evaluation of targets fired by himself or other competitors.**
 - (b) Conditions under which another competitor has been allowed to fire.**
 - (c) Equipment another competitor has been allowed to use.**
 - (d) Any injustice which he feels has been done to him.**
- 14.2 How To Protest - A protest must be identified immediately upon occurrence of the protested incident. The protesting competitor will:**
- (a) State the complaint orally to the Range Officer or Statistical Officer. If not satisfied with his decision, then:**
 - (b) State the complaint orally to the Match Director. If not satisfied with his decision, then:**
 - (c) File a formal written protest to the Director of Registered Competition stating all the facts in the case. Such written protest must be filed within 7 days after occurrence of the protested incident. The Director of Registered Competition will then forward the protest with a complete statement of known facts to the Board of Directors which will render the final decision.**
- 14.3 Protest Fees**
- (a) A fee of \$2 is charged for re-evaluating a target or for simple visual inspection of equipment not requiring disassembly or special tools. If the protest is sustained the fee will be refunded to the protesting competitor. If the protest is not sustained the fee will be added to the general revenue of the shoot.**
 - (b) A fee of \$20 will be charged for processing any protest involving disassembly of equipment or special tools. Disassembly will not take place until after the last match of the shoot in which the protested equipment is used. If the protest is sustained the fee will be refunded to the protesting competitor. If the protest is not sustained the fee is paid to the competitor whose equipment was protested. A competitor whose equipment is protested has the option of refusing inspection. By doing so, he disqualifies himself from all matches in which the equipment was used.**

Section 15 REVISIONS TO RULES FOR COMPETITION

- 15.1 Proposed Changes - Proposed changes to the rules must be received by the Secretary in writing by June 1 of each year. The Secretary will cause a summary of the proposed changes to be published in the July-August issue of the official journal. The Board of Directors will vote on the proposed changes at that year's annual meeting. The Secretary will then cause changes passed to be published in the official journal. Any change passed by a Director vote of less than 1-1/2 to 1 may be overturned by a majority vote of eligible members.
- 15.2 Eligibility To Propose And Vote On Changes - CBA regular members who have competed in at least one CBA registered shoulder-to-shoulder match are eligible to:
- (a) Initiate a proposal for a change in the Rules or call for a member vote as provided in 15.1.
 - (b) Vote on changes passed by a vote of less than 1-1/2 to 1 as provided in 15.1.

Amended effective:

Jan. 1, 1989
Jan. 1, 1990
Mar. 1, 1992
Jan. 1, 1993
July 1, 1993
Jan. 1, 1995
Jan. 1, 1996
Jan. 1, 1998
Jan. 1, 1999
Jan. 1, 2000
Jan. 1, 2001
Jan. 1, 2002
Jan. 1, 2003
Jan. 1, 2004
Jan. 1, 2005
Jan. 1, 2006
Jan. 1, 2007
Jan. 1, 2008