

APPENDIX D

STEEL TARGETS ON OUTDOOR RANGES

Dated 4/1/19

GENERAL

Member shall attend the steel target orientation prior to bringing any steel targets to the range. Steel shall be AR500 or AR550, water jet, laser cut or plasma cut, 3/8" minimum thickness. Member shall not use steel that is damaged: pitted, bent, warped, dimpled or cracked.

Shongum RSO's have the right to declare steel unsafe and removed from use on our range.

Steel shall not be engaged with bb's or air pellets.

Ground mounted steel is prohibited, including poppers and knock-over plates.

PISTOL PIT

Steel Targets shall be Steel Challenge type (<https://www.steelchallenge.com/steel-challenge-target-resource-guide.php>). Steel shall be supported by a manufactured stand, cap to support steel plate, using a 2" by 4" wooden post or by a shepherd's hook type stand. The stand assembly shall provide a swinging movement of the plate or have a fixed angle of approximately 15 degrees from vertical, so that hits are deflected towards the ground (therefore dueling type targets are not allowed). Wooden sawhorse type supports are also permitted with steel hung from manufactured steel support/assembly or non-metallic straps.

Pistol, pistol caliber carbines and shotgun shooting of steel is allowed in Pistol Pit with steel targets/stand within two feet of the impact area and with a maximum height of 5 feet to top of steel. Steel targets shall be placed as far left as possible and no further to the right as defined by the back of trap house #4 (see marker at right edge of range).

Minimum shooting distance to target is 30 feet to maximum of 50 feet.

Steel shall be engaged from directly in front to a maximum of 5 feet either left or right.

Pistol shooting of steel using rifle caliber ammunition is prohibited, however pistol caliber carbines are permitted as stated above. Shotgun is limited to lead shot, #7 1/2 to #9, only. Any other type of shot or slugs are prohibited. Poppers are allowed for shotgun.

100 YARD RIFLE RANGE

Steel shall be supported by a manufactured stand, cap to support steel plate, using a 2" by 4" wooden post. Stand assembly/vertical supports should not be of steel or include chain. Wooden sawhorse type supports are also permitted with steel hung from non-metallic straps. Maximum width is 24 inches. Shepherd's hook is not allowed for steel support.

The stand assembly shall provide a swinging movement of the plate or have a fixed angle of up to 15 degrees from vertical, so that hits are deflected towards the ground. No more than two steel targets may be used per shooting position.

Steel is allowed on the 100 yard range and only at 100 yards. Use only Positions 1-5 and 16-20.

Steel targets shall be placed behind the front berm and in the pit. Impact splatter should be directed downward and contained by the back of the front berm of the impact area. Splatter should not be directed towards the target rack stand.

If splatter affects adjacent paper targets, the steel shooter must stop shooting within one hour of their sign in time.

Steel shall be engaged from directly in front, not at an angle.

Bottom of steel target shall be at least one foot higher than top of front berm and not more than five feet higher.

No steel core, green tip, XM-855 penetrating rounds, Russian silver tips, Wolf Steel Jacketed, or any other ammunition containing any steel in the bullet. For shotguns, 12-gauge maximum slugs are allowed.

RESOURCES

1. Suggested suppliers of steel targets are:
 - MGM Targets (<https://mgmtargets.com/steel-challenge/steel-challenge-target-set>)
 - GT Targets (<http://gttargets.com/PistolTargets.html>), or
 - Nevco Targets (<http://nevcotargets.com/steel.html>)
2. A ballistic calculator which allows you to put in caliber, bullet weight and get the 100 yard velocity (<http://gundata.org/ballistic-calculator>)
3. Additional information on steel targets can be found at <http://shootingtargets7.com> and the booklet "Everything You Need To Know About AR500 Targets" (<https://shootingtargets7.leadpages.net/f/12b6feefb639c5-142c76246639c5/1446c7d5128bac-gg8QopeGQoGAjS9wtjzY9/ar500-targets-v2.pdf>)
4. Be aware that steel is damaged if rounds exceed 2,850 feet per second at 100 yards.
5. It is recommended that ½ inch thickness steel be used for magnum caliber rifle loads.
6. It is suggested that you check your bullets with a magnet for steel content.