

# **Estes Park Gun & Archery Club**

## **Trap Range Standard Operating Procedure (SOP)**

Version: July 10, 2022

Approved by the EPGAC Board of Directors on July 11, 2022

Distribution: All members and participating agencies











## **LONG RIFLE RANGE RULES**

- **Shoot from the established shooting positions only.**
- **Calibers up to and including .50 allowed.**
- **No solid copper bullets allowed. These are a fire hazard in wooded areas. You may shoot solid copper bullets on the 100 yard rifle range.**
- **No steel jacketed, steel core or armor piercing bullets allowed. This rule especially includes "green-tip" XM-855 penetrator ammunition. If the projectile in your cartridge attracts a magnet, don't use it.**
- **No tracer or incendiary ammunition.**
- **No shooters downrange. No shooter-placed targets allowed. Law enforcement groups and special events may deviate from this rule with prior approval and only if a range safety officer is monitoring the shooting positions while personnel are downrange.**
- **Violators may face expulsion from the club, banishment from the property, fines for repair of damaged targets and prosecution for vandalism.**
- **Abuse of this rifle range can result in closing of the range for all shooters.**
- **Premises are under 24-hour video surveillance.**

**BE RESPONSIBLE. THINK SAFETY!**

Figure 4 - Long Rifle Range Rules (Specific)

g. LED Hit Indicators. The steel targets are 1" thick and massive to accommodate large rounds without damage. They may not always create an audible "ring" when hit and they may not noticeably move. To address this problem, some of the larger targets have LED hit indicators. Smaller targets (less than 11" across) do not. If so equipped, the hit indicator is designed to blink red, stay steady briefly and then turn off if a round with enough energy hits the target. Smaller rounds (.223 and .22LR) may not always trigger the hit indicator on the larger targets (such as the deer). If the indicator blinks yellow, a miss is indicated but this feature has proven unreliable in testing. The miss indicator is triggered acoustically with no accompanying acceleration detected by the accelerometer.



Figure 5 - 200 Yard Targets (see Table 1 below)

<b>Table 1 - 200 Yard Long Rifle Range Steel Target Descriptions</b>			
<b>Target Number</b>	<b>Description</b>	<b>Dimensions</b>	<b>LED Hit Indicator?</b>
1	Deer	28" W x 12" H (body only)	Yes, left side and right side of body
2	Hexagon (rack)	2"	No
3	Hexagon (rack)	5"	No
4	Hexagon (rack)	7"	No
5	Hexagon (rack)	9"	No
6	Hexagon (rack)	11"	Yes, left side
7	Silhouette	12" W x 24" H	Yes, left side
8	Hexagon	9"	No





Figure 6 - 300 Yard Targets (before painting, see Table 2 below)

<b>Table 2 - 300 Yard Long Rifle Range Steel Target Descriptions</b>			
<b>Target Number</b>	<b>Description</b>	<b>Dimensions</b>	<b>LED Hit Indicator?</b>
1	Hexagon	2"	No
2	Hexagon	5"	No
3	Hexagon	7"	No
4	Silhouette	12" W x 24" H	Yes, left side
5	Hexagon	13"	Yes, left side
6	Hexagon	11"	No
7	Hexagon	9"	No

- END OF SOP -