



Tacoma Rifle and Revolver Club **Long Range Rifle Safety Clinic Program** **March 25, 2023 9:00am**

Date: March 25, 2023

Time: 9:00am to 1:00pm

Cost: \$5

Reservations: Reservations are required. Limit 18 participants. E-mail Duane Hatch for a spot in the clinic at: hatchdb54@gmail.com

Background: The Long Range Rifle Safety Clinic is a requirement for TRRC members to shoot at distances beyond 200 yards at the club. Club members with an NRA High Power Rifle classification or equivalent experience (documented) shooting at distances of 600 yards are exempt from this requirement. Shooting at distances beyond 200 yards can be exciting, but there are specific equipment and knowledge requirements (and a little bit of skill) needed in order to keep this activity safe.

What you must bring to the clinic:

- Rifle, centerfire, capable of accurate long distance shooting, ***sighted in for 200 yds.***
- Ammunition, at least 40 rounds quality ammo. Bring the ammo that you will actually shoot at 600yds. At least 25 rounds will be needed; more may be necessary.
- For the ammo you are shooting at the clinic and plan to shoot at 600 yards, ***know the bullet type, bullet weight, muzzle velocity & ballistic coefficient.***
- Spotting scope or have a scoped rifle
- Optional: Shooting jacket, shoulder pads, elbow pads, glove
- Eye protection & Hearing protection
- Shooting mat of some kind
- Rifle sling, bipod or front rest, that you will use to support the rifle in the prone position
- Data book or notebook, pen

Objectives:

The objectives of the clinic are as follows. To pass, shooters must meet these objectives:

- demonstrate safe gun handling and establishment of a prone position.
- estimate the 600 yard zero for their rifle; ***perform and verify these sight adjustments,*** while shooting at 50 yards.
- re-establish a zero for their rifle at 200 yards.
- demonstrate the ability to shoot a centered 6" group at 200 yards from the bench.
- verify your rifle's sight windage adjustments on the 200 yard target, by actually adjusting the sights by 4 to 5 minutes and verifying impacts on the target.
- safely operate the pits and score a target from the pits.
- verify ammunition safe for use at 600 yards.

Please note we will NOT shoot at 600 yards during this clinic. Those who successfully complete the clinic are eligible to shoot in the 600 yard prone practices & matches held at TRRC.

Agenda:

1st hour, classroom

Training topics to be covered.

1. Targets used.
2. Typical course of fire.
3. Safety brief – from the TRRC Long Range SOP
4. Site/Scope adjustments, minutes of angle, basic ballistics, windage adjustments
5. Data books
6. Ammunition requirements
7. Instructors will explain the usual gear used for shooting at 600 yards.
 - Coat
 - Mat
 - Scope
 - Glove
 - Sling
8. Description of shooting in the prone position
9. Range commands
10. Range overview
11. Pit procedures

2nd hour, RV area of the main range

At RV area, against side berm (main range if raining!!) demonstrate a prone position and dry fire practice **-no live ammunition-**

- Each participant should set up their equipment for shooting prone.
- Each participant should demonstrate they can establish a stable prone position with their rifle.

3rd hour, Main Range

At Main Rifle Range

- At 50 yards, Shoot a 3-shot group.
- At 50 yards, adjust sights up to the 600 yard position and verify with a 3-shot group.
- At 50 yards, return sights to the 200 yard position, and verify with a 3-shot group.
- At 200 yards, demonstrate the ability to shoot a centered, 5 shot group of 6 inches or less.
- All participants will verify sight windage adjustments of at least 4-5 minutes.

Training on Pit procedures.

- Half of the class goes to pits and score 10 shots.
- Half of class shoots at the pit targets.
- Swap groups.