

TR&S 22LR Precision Rifle Match
 Sunday June 8th

The Tactical rifle and Shotgun program will be running a new 22LR precision match utilizing a scoped 22LR rifle. You will be shooting mostly from 50 yards, but also from the 100 and 200 yard lines. Don't worry too much about having your dope settings. We will give everyone the chance to dial in their rifles the day of the match at all the firing distances. I will attach a trajectory sheet for reference. You will be able to spot your impacts at 200 yards with no problem. I plan on having some clay pigeons in the middle of the backstop for each shooter to "dial in" at the longer distances. You will be limited to how many "sighters" you can take, mostly because it's just too much fun popping those orange disks.

The required round count will be roughly 50 rounds plus approximately 15-20 sighters. Bring extra, you never know what might change the day of the match. You can use a sand bag for the front and back or a bipod and a rear sandbag. Bring your own mat if you want, otherwise you'll be prone on the grass. Bolt action and semi-autos will both be allowed. No min or max scope magnification restrictions, so bring what you have as long as you can see a ½ size IDPA target at 200 you'll be good to go. We also have one stage where you will be firing at 50 yards standing. Bring an open bolt indicator for your rifle and eye and ear protection will be required while shooting.

Being that this is the first year we have done this, we are easing into it by making it very "user" friendly. Please feel free to offer any input you might have for future matches. I want the match to be fun and enjoyable so come on out and give it a shot.

Ballistics for 22 LR, 40 Grain -- Wolf Match, 1050 fps											
Calculated Table											
Range (yds)	Drop (in)	Drop (moa)	Windage (in)	Windage (moa)	Velocity (ft/s)	Mach (none)	Energy (ft-lbs)	Time (s)	Lead (in)	Lead (moa)	
0	-1.5	***	0.0	***	1050.0	0.922	97.9	0.000	0.0	***	
25	0.3	1.2	0.3	1.0	1010.1	0.887	90.6	0.073	0.0	48.8	
50	-0.0	-0.0	1.0	1.9	975.7	0.857	84.5	0.148	0.0	49.6	
75	-2.6	-3.3	2.2	2.7	945.2	0.830	79.3	0.227	0.0	50.3	
100	-7.6	-7.3	3.8	3.6	917.6	0.806	74.8	0.307	0.0	51.0	
125	-15.2	-11.6	5.8	4.4	892.2	0.783	70.7	0.390	0.0	51.7	
150	-25.6	-16.3	8.2	5.2	868.6	0.763	67.0	0.475	0.0	52.3	
175	-38.8	-21.2	11.0	6.0	846.4	0.743	63.6	0.563	0.0	53.0	
200	-55.0	-26.3	14.3	6.8	825.4	0.725	60.5	0.652	0.0	53.6	
225	-74.5	-31.6	17.9	7.6	805.4	0.707	57.6	0.744	0.0	54.3	
250	-97.2	-37.1	21.9	8.4	786.2	0.690	54.9	0.839	0.0	54.9	
Input Data											
Ballistic Coefficient:				0.130 G1		Bullet Weight:				40.00 gr	
Caliber:				0.224 in							
Muzzle Velocity:				1050.0 ft/s							
Sight Height:				1.50 in		LOS Angle:				0.0 deg	
Cant Angle:				0.0 deg							
Wind Speed:				10.0 mph		Target Speed:				10.0 mph	
Temperature:				80.0 °F		Pressure:				29.92 in Hg	
Relative Humidity:				0.0 %		Altitude:				1000 ft	