



NATIONAL RIFLE ASSOCIATION

SMALL-BORE LONG RANGE MATCH SUNDAY 22 APRIL 2018

MATCH CONDITIONS

<u>DISTANCES</u>	200 and 300 yards.
<u>NUMBER OF SHOTS</u>	Blow-off shots (see below), up to THREE practice shots, TWO convertible sighting shots and FIFTEEN to count at each distance.
<u>BLOW-OFF SHOTS</u>	A period of one minute during which blow-off (warming) shots may be fired at the stop butt will be allowed before shooting for score commences at 200 and 300 yards.
<u>TARGETS</u>	At 200 yards: NRA/HBSA Round Bull (V Bull 3.5, Bull 5, Inner 12, Magpie 24, Outer 35 inch dia). At 300 yards: NRA/HBSA Round Bull (V Bull 5, Bull 7.5, Inner 18, Magpie 30, Outer 35 inch dia).
<u>MARKING/SCORING</u>	Markers will be provided. Standard NRA scoring will be used.
<u>RIFLES</u>	Any single shot rifle chambered for .22 Long Rifle, Long or Short Rimfire ammunition may be used. Magazine rifles must be loaded by single shots. A sling may be used.
<u>CLASSES</u>	MRSB Class: "Iron", magnifying or telescopic sights may be fitted. The forward hand may also be rested, but the rifle itself may not touch the rest and the butt may not be rested or touch the ground. TRSB Class: "Iron" sights only. The forward hand may not be rested. Entries to TRSB are also eligible for MRSB prizes. SRSB Class: British or foreign military training rifles such as the Enfield No 2, 8 or 9, foreign equivalents or Morris tube conversions, fitted with Iron sights of any type. The forward hand may not be rested. Entries to SRSB are also eligible for TRSB and MRSB prizes.
<u>AMMUNITION</u>	Competitors are to supply their own ammunition.
<u>FIRING POSITION</u>	Prone or Supine. Competitors with disabilities may be permitted to shoot seated at a table – see NRA rule 156.
<u>EXEMPTIONS</u>	Rule 278 (a competitor who misses the target) will be applied at the discretion of the Range Officer.
<u>REGULATIONS</u>	NRA Rules of Shooting and the Bisley Range Safety Regulations will apply.
<u>PRIZE GIVING</u>	Prize giving will take place at the 300 yards Firing Point on Century Butt 18 at 1730 hrs.
<u>COMPETITIONS</u>	No 1. 200 yards in all three classes. No 2. 300 yards in all three classes. No 3. 200 & 300 yards aggregate in all three classes.
<u>PRIZES</u>	List D (NRA medals) in each of the above competitions.

SHOOTING PROGRAMME SUNDAY 22 APRIL 2018:

Detail 1	200 yards	1330-1420
Detail 2	200 yards	1420-1510
Detail 1	300 yards	1530-1620
Detail 2	300 yards	1620-1710

Competitors will be squadded and register tickets will be available on the firing point from 1315 hrs. Competitors will shoot in pairs or threes at each distance. The right hand shooter on each target will commence firing.

Detail start times are approximate. The time allowed for each shot will be 45 seconds (NRA rule 351).

.22RF Ballistics (approximate)

Practical Rises Between Ranges (sight line 1.25 inch or 32mm above bore line)

Standard Velocity Ammo (1075 ft/s) RWS R50, Lapua Midas, Eley Tenex etc			High Velocity Ammo (1125 ft/s) RWS R100		
Rise from (yds)	Rise to (yds)	Minutes of angle	Rise from (yds)	Rise to (yds)	Minutes of angle
25	50	2.0	25	50	1.5
50	100	7.0	50	100	6.0
100	200	20.0	100	200	19.0
200	300	26.5	200	300	26.0

Wind Deflections

Distance (yds)		100			200			300		
Direction o'clock		1	2	3	1	2	3	1	2	3
Strength	mph									
Gentle	4	0.7	1.1	1.3	1.2	2.1	2.4	1.8	3.1	3.6
Mod	8	1.3	2.3	2.6	2.4	4.2	4.8	3.6	6.2	7.2
Fresh	12	2.0	3.4	3.9	3.6	6.2	7.2	5.4	9.4	10.8
Strong	16	2.6	4.5	5.2	4.8	8.3	9.6	7.2	12.5	14.4
V.Strong	20	3.3	5.6	6.5	6.0	10.4	12.0	9.0	15.6	18.0

Gyroscopic Drift

Drift in minutes due to spin of the bullet, to the right for 16 inch right hand twist barrels, is (approx):

100 yds: 0.5 min

200 yds: 1.0 min

300 yds: 1.5 mins