

Swindon & District ARL, 7yd Air Rifle Target specification

Revision record:

Date	Revision	Description	Batch date code
Jan 2008	1 to 5	specification development	n/a
Apr 2008	6	trial batch of 700 cards printed	2008-04
Jan 2019	7	change of material was: ANTALIS NOVATECH MATT 270GM ²	201901

Swindon & District ARL, 7yd Air Rifle Target specification

(for use with .177" calibre match target air rifles and pellets)

Single diagram dimensions – Fig 1					
10 Ring	.177" (4.50mm)	±0.004" (±0.1mm)	5 Ring	1.062" (26.97mm)	±0.004" (±0.1mm)
9 Ring	.354" (8.99mm)	±0.004" (±0.1mm)	4 Ring	1.239" (31.47mm)	±0.004" (±0.1mm)
8 Ring	.531" (13.49mm)	±0.004" (±0.1mm)	3 Ring	1.416" (35.97mm)	±0.004" (±0.1mm)
7 Ring	.708" (17.98mm)	±0.004" (±0.1mm)	2 Ring	1.593" (40.46mm)	±0.004" (±0.1mm)
6 Ring	.885" (22.48mm)	±0.004" (±0.1mm)	1 Ring	1.770" (44.96mm)	±0.004" (±0.1mm)

(i.e. 10 concentric rings, with diameter incrementing in .177" steps)

Ring thickness: 0.004" to 0.008" [0.1mm to 0.15mm]

White rings from 10 to 9

Black rings from 8 to 1

Black infill within 10, 9 and 8 rings

Scoring ring values 1 -7 are printed in the scoring zones in horizontal and vertical

Card layout: see Fig 2.

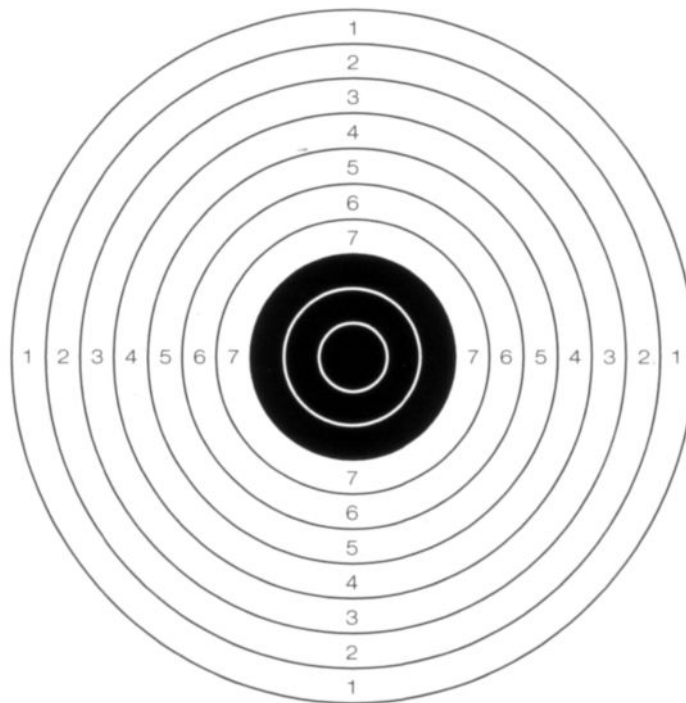


Fig 1 - Single diagram
(not to scale)

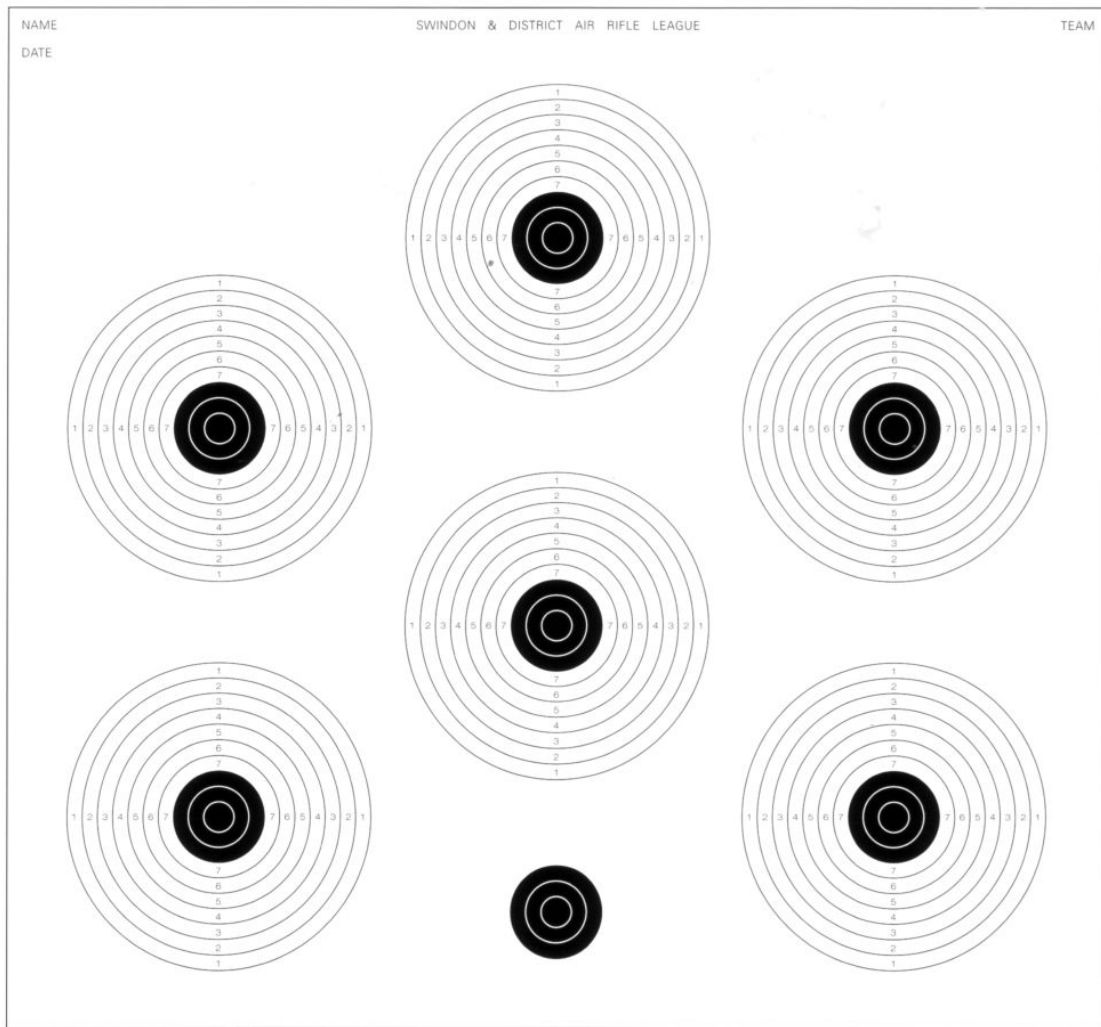


Fig 2 – card layout

Six scoring diagrams per Fig 1

One sighter diagram, 8, 9 & 10 rings only

Card material: HORIZON OFFSET 250GM²

Card geometry:

Card overall dimension: W 6-3/4" x H 6-1/4" [W 171.45mm x H 158.75mm]

Inner black line: W 6-3/8" x H 5-7/8" (.004 to .006" thick) [W 161.92mm x H 149.22mm (0.1 to 0.15mm thick)]

Centre diagram: Horizontally centred, with centre 3-9/16" [90.48mm] below inner black line

Other 5 full diagrams: Centres set on the 5 points of a hexagon formed on a circle of 2-1/4" [57.15mm] radius with the centre diagram the centre of the circle

Sighter diagram: Horizontally centred, with centre 1-21/32" [42.06mm] below centre of the centre diagram.

Legends: 1/16" [1.6mm] legends as shown

Date code: add date code in bottom left corner, current year and month in format YYYY-MM