



Royal Rangers

Merit Requirements: **Green-Bordered Merit**

AIR RIFLE

Note: Prior to beginning this merit, you must complete the Firearm Safety Merit and the Advanced Marksmanship Merit.

1. Range set-up
 - a. Gun: Any sporter air rifle 7.5 pounds or less may be used.
 - b. Ammunition: Caliber .177 skirted pellets.
 - c. Target options: Either AR-5 or TQ-18 targets may be used.
Note on targets: The first part of the identifying code indicates the type of target. The last part indicates how many bulls-eyes are on the target. For instance, in AR-5/10, "AR-5" indicates that the target is intended for an air gun at 10 meters, and "10" indicates there are 10 bulls-eyes on the target.
 - d. Distance: 10 meters (approximately 33 feet). Measure exact distance and mark shooting line and target line.
 - e. Rules: NRA Sporter Air Rifle Rules apply.
 - f. Position: Any (prone, kneeling, or standing). The Advanced Marksmanship course material gives a description of the guidelines for all of the positions.
 - g. Course of fire: Ten bulls-eyes (targets) must be fired. Each bulls-eye must contain 5 shots and the total score for the 5 shots must meet or exceed the required score of 25. The bulls-eyes do not have to be fired consecutively or in the same session. (Option: The number of shots per bulls-eye may be reduced if scoring becomes difficult. Example: 3 shots on one bulls-eye and 2 shots on another.)
2. Score: Minimum score of 25 points on each of ten targets.
3. Research: Either by a home, school, or library computer sign on to the USA Shooting web site. Answer the following questions:
 - a. When did the air rifle become an Olympic event?
 - b. What position is used?
 - c. What distance is the target?
 - d. What size is the 10 ring in the bulls-eye?