



# Royal Rangers

Merit Requirements: Silver-Bordered Merit

## AIR RIFLE MERIT

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

### 1. Range setup

- a. Gun: Any sporter air rifle 7.5 pounds or less may be used. All guns should be checked for safety before use.
- 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 bull's-eyes are on the target. For instance, in AR-5/10, "AR-5" indicates that the target is intended for an air gun at ten meters, and "10" indicates there are ten bull's-eyes on the target.
- d. Distance: Ten meters (approximately thirty-three feet). Measure exact distance and mark the shooting line and target line.
- e. Rules: NRA Sporter Air Rifle Rules apply.
- f. Position: Prone, kneeling, and standing.
- g. Course of fire: It is required that ten bull's-eyes (targets) must be fired upon for each position. Each bull's-eye must contain five shots, and the total score for the five shots must meet or exceed the required score shown below. The bull's-eyes do not have to be fired consecutively or in the same session. (Option: The number of shots per bull's-eye may be reduced if scoring becomes difficult; for example, three shots on one target and two shots on another.)

### 2. Scoring

Shoot the following scores by position:

- **Prone**—minimum score of 35 on each of ten targets
- **Standing**—minimum score of 25 on each of ten targets
- **Kneeling**—minimum score of 30 on each of ten targets

### 3. Research: Either on a home, school, or library computer, sign on to the USA Shooting website. Answer the following:

- a. Describe the course of fire for the men's air rifle Olympic event.
- b. How are the finalists selected?
- c. How many shots do the finalists take?
- d. For men, what is a world-class score and perfect match score?

### Suggested Resources:

Daisy Manufacturing Company  
National Rifle Association of America  
National Target Company  
USA Shooting