

2020



**TECHNICAL PACKAGE
ARCHERY**

Technical Package

2020 Arctic Winter Games

ARCHERY

1. **RULES:** This competition will be conducted under the rules of Archery Canada. Book 3 Target Archery for athlete equipment and Book 2 Events for event organization and competitions will govern the event. References below are to Archery Canada (AC) and World Archery (WA) Rule Books.

2. **CATEGORIES:**

CADET - Seventeen (17) years of age and under as of December 31st, 2019.
Year of Birth: Born in the calendar year 2002 or later.

Male and Female Barebow (AC 11.5, WA 22.3)
Male and Female Compound (AC 11.2, WA 11.2)
Mixed Team Competition Barebow
Mixed Team Competition Compound

3. **SCHEDULE and COMPETITION FORMAT:**

The competition schedule will be based on the approved Arctic Winter Games sport schedule templates. Proposed schedule of competition will be;

Day 1 – Open Practice and Equipment Check
Day 2 – Morning – Open Practice and Equipment Check
 Afternoon – Mixed Team Competition
Day 3 - Morning – Compound Indoor 18m Round
 Afternoon – Barebow Indoor 18m Round
Day 4 - Morning – Barebow Indoor 18m Round
 Afternoon – Compound Indoor 18m Round
Day 5 - Barebow and Compound Individual Double Elimination Matches

4. **TEAM COMPOSITION:**

Participating Units may enter 2 competitors in each of the 4 categories:

Cadet Male Barebow:	2
Cadet Female Barebow:	2
Cadet Male Compound:	2
Cadet Female Compound:	2
Coaches	2

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If qualified coaches are available, one must be female and one male.

5. **MEDALS:** Individually by team:

GOLD - 6

SILVER - 6

BRONZE - 6

One (1) each Male Barebow & Compound, One (1) each Female Barebow & Compound, One (1) each for Mixed Team Competition Barebow and Compound.

6. **COMPETITION**

The competition includes a Mixed Team Competition with Double Elimination matchplay, and Individual Qualification Rounds followed by Individual Double Elimination matchplay. All competitions will use the 40 cm Recurve Target.

For the Mixed Team event, a 2-person team consists of one female and one male in the same bow division (barebow and compound). Each participating unit can enter up to two teams in each bow division as allowed by the number of their registered athletes.

The Team matches, in which teams are seeded by random draw, shoot simultaneously a series of matches, each match consists of four (4) ends of four (4) arrows (2 per archer) shot in 80 seconds at 18 meters. The total number of arrows scored per match is 16. A Compound match is determined by the total score of the 16 arrows and a barebow match is determined by the first team reaching 5 points using set scoring (as described in Individual event below, and WA 14.1.4).

The top four (4) teams of each division remaining in the Mixed Team Double Elimination bracket shoot a series of matches, one at a time. Each match consists of four (4) ends of four (4) arrows (2 per archer) shot in 80 seconds at 18 meters, culminating in the Team Gold Medal match. The total number of arrows scored per match is 16. Teams shoot alternately with both members of each team shooting one arrow in each rotation (WA 13.2.3). Team members shoot individually.

The Individual Qualification Rounds shall be the total of two (2) Indoor 18m Rounds (WA 4.5.2.1) [the Indoor 18m Round consists of 60 arrows shot on a 40cm target] followed by Double Elimination Matchplay.

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In the Double Elimination Rounds (Individual), the archers of each category are seeded according to their positions as determined by their total scores in the Qualification Round, using a standard draw sheet. The archer with the highest qualifying score will be matched with the archer with the lowest qualifying score, etc. (for example, no. 1 ranked archer plays the no. 16 ranked archer; no. 2 plays no. 15, etc.). The Individual Elimination Round matches are shot simultaneously. The compound archers shoot five (5) ends of three (3) arrows and the cumulative score decides the winner. The barebow archers use "sets" scoring (WA 14.1.4) - The athlete with the highest score of each end receives 2 set points; in case of a tied score both athletes obtain 1 set point. As soon as an athlete reaches 6 set points (6 of 10 possible points in a 5 set match), the athlete is declared winner and passes to the next round. Each end consists of three (3) arrows shot in two (2) minutes. The two opponents shoot their respective three (3) arrows simultaneously in the same 2-minute time limit; they shoot separate targets but may shoot on the same butt.

The top four (4) archers of each division remaining in the Individual Double Elimination bracket shoot a series of matches, one at a time. In the matches of the Finals Rounds, the athletes shall shoot alternately one arrow at a time, twenty (20) seconds per arrow. Each athlete will have their own butt.

7. TIE BREAKING RULE –

Qualifying: For ties occurring in all rounds, except for those ties as set forth below for Elimination rounds: Individuals and Teams: • Greatest number of 10's; • Greatest number of 9's;

• After this, competitors still tying shall be declared equal, but for ranking purposes, i.e., position in the match play charts of elimination rounds, a toss of a coin will declare the position of those declared equal.

Elimination Rounds: For ties concerning the entrance to elimination rounds and during the elimination rounds:

Individuals (WA 14.5.2.2):

- A single arrow shoot-off for score;
- If there is still a tie, the arrow closest to the centre will resolve the tie;
- Successive single arrow closest-to-the-centre shoot-offs until the tie is resolved.

Note: Forty seconds shall be the time limit allowed for a competitor to shoot one arrow in order to break ties during simultaneous shooting (WA 13.4.2). Twenty (20) seconds is the time allowed to shoot one arrow in order to break ties during alternating shooting. (WA 13.4.1).

Teams (WA 14.5.2.3):

- An end of two (2) arrows - one (1) arrow by each competitor - shoot-off for score;
- If the score is still tied the team with the closest-to-the-centre arrow will win;
- If still tied, the second closest-to-the-centre arrow will determine the winner;

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- If necessary there will be successive two (2) arrow (one arrow by each competitor) shoot-offs; the closest-to-the-centre evaluation will be used until the tie is resolved.
- The time limit for a team shoot-off shall be 40 seconds for the team to shoot 2 arrows for the purpose of breaking the tie (WA 13.4.2).

8. COMPETITIVE UNIFORM

Whites or official team uniform must be worn by archers while shooting the official part of the archery event of the Arctic Winter Games. All team members, including team staff, must wear the same attire during the competition and the Official Practice.

9. EQUIPMENT:

Equipment must meet Archery Canada rule requirements AC 11.2 for Compound Division, AC 11.5 for Barebow Division.