



Elkford Snowmobile Association

Snowmobile Drag Races

Official Rules & Regulations



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1. General Event Info

1.1 The Elkford Snowmobile Drag Races (“the Event”) are sanctioned and operated by the Elkford Snowmobile Association (ESA).

1.2 The drag strip consists of two (2) parallel lanes, uphill, with a total length of 275 meters (900 ft), including:

- ▶ Racing surface: 150 meters (500 ft)
- ▶ Braking area: 120 meters (400 ft)

1.3 Minimum lane width is 7 meters (23 ft) per lane, for a total minimum width of 14 meters (46 ft). Ideal total width is 18 meters (59 ft) to accommodate lane separation, safety barriers, and a designated return lane.

1.4 Snow barriers shall be constructed as follows:

- ▶ Centre barrier: 24 inches high
- ▶ Side barriers: 36 inches high

1.5 Lanes will be clearly marked using lines and snow fencing. The spectator area will be clearly designated, fenced, and separated from all racing and return lanes.

1.6 Natal Road is a public road maintained by the District of Elkford. All participants and spectators must comply with applicable traffic laws when accessing the venue.

Refer to Venue Maps on next page for visual layout of race area.

February 28, 2026

**Wapiti Ski Hill
1000 Natal Road
Elkford, BC**

Venue Maps



2. Registration, Credentials & Conduct

2.1 All racers must complete registration, sign all required waivers, and pay applicable entry fees prior to racing.

- ▶ Entry Fee \$50.00 per snowmobile
- ▶ Addition Classes \$50.00 per class
(Maximum 3 additional classes)
- ▶ Upon successful application(s), you will be sent payment details. Payments must be received no later than 14 days prior to the event. Confirmation will be sent to you.

2.2 Each racer will be assigned a competition number and issued a wristband at check-in. Assigned numbers must always be clearly visible while competing.

- ▶ No Rider Substitutions Allowed

2.3 A mandatory drivers' meeting will be held prior to racing. Attendance is required. Time and location will be announced on race day.

2.4 Pit crews must clear the start area immediately once racing begins. Each racer is responsible for the conduct and safety of their pit crew.

2.5 Only the registered driver, the competing snowmobile, and one (1) pit person are permitted in the staging area.

2.6 Unsportsmanlike conduct, unsafe behavior, or failure to follow official instructions may result in disqualification at the discretion of race officials.

You are
responsible
for your
safety.

Read this
document in
its entirety.

3. Safety Regulations

3.1 All snowmobiles must be operated in a safe and controlled manner at all times. Joyriding, hot-rodding, or excessive speed in pit, return lanes, parking lots, or spectator areas is strictly prohibited. Speed is limited to a maximum of 5 km/h in these areas.

3.2 Snowmobiles must use the designated return lane after each run.

3.3 Any competitor who crosses into another competitor's lane during a race will be automatically disqualified.

3.4 False starts result in automatic loss of the race.

3.5 Alcohol, drugs, or intoxicating substances are strictly prohibited for all racers and pit crew. Zero tolerance will be enforced. Any individual found under the influence will be immediately disqualified and removed from the event with no refund. Drugs can be defined as prescription medication;

legal, de-criminalized and/or illegal substances that may interfere with one's fitness to participate.

3.6 Racers under the age of 18 years must be accompanied by a parent or legal guardian.

4. Rider Safety Gear Requirements

4.1 All drivers must wear:

- ▶ An approved DOT, ECE, or SNELL, full-face helmet is mandatory for all classes and ages
- ▶ Goggles or a helmet face shield is required to protect against debris and snow
- ▶ Proper gloves
- ▶ Appropriate footwear

4.2 Helmets must remain securely fastened while operating a snowmobile.

5. Technical & Equipment Requirements

5.1 All snowmobiles must pass a mandatory technical inspection prior to racing. Random inspections may occur throughout the event.

5.2 Snowmobiles must be presented for inspection promptly upon arrival. Late inspections may result in inability to compete.

5.3 Any snowmobile that fails inspection or is refused inspection will be disqualified.

5.4 All snowmobiles must be equipped with:

- ▶ A functioning handlebar-mounted kill switch
- ▶ A securely mounted tether kill switch, which can be properly attached to the driver
- ▶ Operational brakes
- ▶ Throttle systems must operate smoothly and return to idle when released

5.5 All body panels, parts, and accessories must be securely fastened to the snowmobile. Loose or unsecured components can result in disqualification and may pose safety risks to other participants.

5.6 Headlights and taillights are required on all sleds except Pro Mods / Open Classes.

5.7 Tracks must not be reversed for safety reasons.

5.8 Exhaust systems must exit away from the driver.

5.9 Fuel regulations:

- ▶ 94 octane maximum in all Stock classes
- ▶ Race fuel permitted only in Pro Mods / Open Classes
- ▶ Power-boosting agents are prohibited unless explicitly permitted by class rules

Violations will result in disqualification.

6. Snowmobile Classes & Technical Specifications

4 Stroke Sleds:

- ▶ Arctic Cat 7000, Yamaha Nitro, Viper and Vector will compete in their respective 600CC class
- ▶ Yamaha RX1 and Apex will compete in the respective 800CC class
- ▶ Ski-doo 4tec 1200 will compete in the 700CC class

850 cc Polaris, Polaris 850 9R and 850cc Ski-doo sleds will compete in the respective 1000cc class

6.1 Mini 120cc

- ▶ OEM exhaust manifolds, muffler, intake, and non-flashed ECU
- ▶ No internal engine modifications
- ▶ No exhaust modifications
- ▶ Gearing changes and rear shock upgrades permitted
- ▶ No studs, chisels or traction devices

6.2 200 – 440cc

- ▶ OEM exhaust manifolds, muffler, intake, and non-flashed ECU
- ▶ No internal engine modifications
- ▶ No exhaust modifications
- ▶ No studs, chisels or traction devices

6.3 Vintage Class (1997 and earlier)

- ▶ Machines subject to displacement classifications
- ▶ Class format (stock or modified) determined by officials based on entries
- ▶ Race fuel permitted
- ▶ No studs, chisels or traction devices

6.4 Stock Naturally Aspirated (500 / 600 / 700 / 800 / 1000cc)

- ▶ Stock sleds with OEM bore and stroke
- ▶ OEM crankshaft, chassis, suspension (stock ride height), exhaust, exhaust manifold, intakes
- ▶ Non-flashed ECU
- ▶ Clutching and jetting permitted
- ▶ No Port & Polish
- ▶ Stock carburetors and airbox
- ▶ EFI fuel controllers permitted for fuel only
- ▶ Lightweight exhaust can permitted
- ▶ Pump fuel only
- ▶ No studs, chisels or traction devices
- ▶ NOTE: 2017 850 BRP will run with 1000cc & Polaris 850 9R

6.5 Stock Turbo (600 / 700 / 800 / 1000cc)

- ▶ OEM engine and factory turbo configuration
- ▶ OEM crankshaft, chassis, suspension (stock ride height), exhaust, exhaust manifold, intakes
- ▶ Non-flashed ECU
- ▶ Lightweight exhaust can permitted
- ▶ No lightweight parts/external intakes
- ▶ Pump fuel only
- ▶ No studs, chisels or traction devices
- ▶ NOTE: All factory stock turbo sleds 2 or 4 strokes

6.6 Pro Mods / Open Class 1 – 800cc or less – No Power Boost

- ▶ Any track-driven snowmobile
- ▶ OEM-based engines only
- ▶ 4-Stroke – any OEM production snowmobile engine –
NO BILLET Blocks or Heads
- ▶ 2-Stroke – any OEM production-based snowmobile
engine platform / BILLET allowed
- ▶ No turbochargers, superchargers, nitrous oxide, or
water/methanol injection
- ▶ No studs, chisels or traction devices

6.7 Pro Mods / Open Class 2 – 850cc or more – No Power Boost

- ▶ Any track-driven snowmobile
- ▶ OEM-based engines only
- ▶ 4-Stroke – any OEM production snowmobile engine –
NO BILLET Blocks or Heads
- ▶ 2-Stroke – any OEM production-based snowmobile
engine platform / BILLET allowed
- ▶ No turbochargers, superchargers, nitrous oxide, or
water/methanol injection
- ▶ No studs, chisels or traction devices

6.8 Pro Mods / Open Class 3 – Two Power Boosts

- ▶ Any track-driven snowmobile
- ▶ 4-Stroke – any OEM production snowmobile engine –
NO BILLET Blocks or Heads
- ▶ 2-Stroke – any OEM production-based snowmobile
engine platform / BILLET allowed
- ▶ Two permitted power-adders: turbocharger,
supercharger, nitrous oxide, or water/methanol
injection
- ▶ No studs, chisels or traction devices

7. Race Procedures & Competition Rules

7.1 Race order will be determined on race day and may be adjusted at the discretion of officials.

7.2 If a class has insufficient entries, racers may be moved into the next higher preparation class.

7.3 Racers must be staged at the start line within one (1) minute of being called.

7.4 Snowmobiles may only be warmed up using an approved warm-up stand.

7.5 No sled may be entered into more than three (3) additional classes.

7.6 Registration fees are non-refundable, regardless of weather or snow conditions.

8. Double Knockout Racing System

8.1 The Event will utilize a Double Knockout Tournament Format.

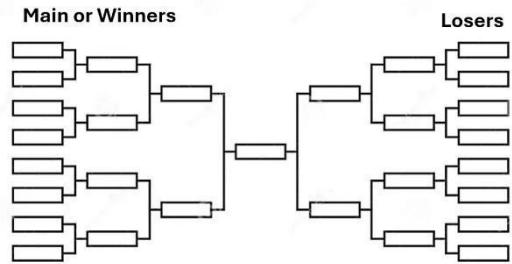
8.2 All racers begin in the Winners' Bracket.

8.3 Upon their first loss, racers move to the Losers' Bracket.

8.4 A second loss results in elimination from competition.

8.5 The final round consists of:

- ▶ One racer from the Winners' Bracket (no losses)
- ▶ One racer from the Losers' Bracket (one loss)



8.6 If the Losers' Bracket racer defeats the Winners' Bracket racer, a second final race will be held to determine the overall winner, as the Winners' Bracket racer must incur two losses to be eliminated.

9. Protest & Enforcement

9.1 Decisions made by race officials and technical inspectors during competition are final and not subject to protest.

9.2 Written feedback or concerns may be submitted after the event to ESA for review.

10. Final Authority

10.1 ESA reserves the right to interpret, amend, or enforce these rules at any time in the interest of safety, fairness, and event integrity.

10.2 Participation in the Event constitutes acceptance of all rules and regulations contained herein.

11. Age Requirements

11.1 Minors (under 18 years old) may participate with a parent or guardian's written consent and on-site supervision.

11.2 Minors 12 years old and under may only operate a snowmobile with 440cc or less.

11.3 Minors 13-15 years old may only operate a snowmobile with 600cc or less.

11.4 Minors 16-17 years old may only operate stock snowmobiles.



Feedback

Feedback is welcome following the event. QR codes will be available on-site.

Disclosures

All Participants must know their personal abilities and skills, staying within their limits.

Snow and track conditions can change throughout the day.

Professional Drone Pilot will be in attendance. **NO DRONE PHOTOGRAPHY/VIDEOGRAPHY ALLOWED.**

These rules are enforced by the Elkford Snowmobile Association event officials. Failure to comply will result in disqualification and removal from the event without refund.

Ride safe, ride smart, and enjoy the races!

We look forward to a safe, competitive, and successful Snowmobile Drag Racing event.

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