

Youth Races

General

Parents

The Valdez Snowmachine Club relies on your support, cooperation, and parenting while implementing the youth races. We expect that the parents will promote good sportsmanship and positive behavior. Please remember that we are all volunteers with a common goal. The rules below were developed to provide guidance and promote safe competitive racing. If your child's snowmachine or age does not fit the descriptions below, please contact the VSC or race director for additional guidance.

The classes below are the standard classes that will be ran. With three or more sleds, additional classes can be created at the discretion of the race director.

Race Numbers

The driver is responsible for displaying their race numbers on the riders back and on both sides of the snowmachine.

1. The number shall be a minimum of 6-inches in height and it is recommended that the numbers be as large as possible.
2. These race numbers shall be displayed on contrasting colors (i.e. Black background and white numbers).
3. If a driver does not have a race number they can be assigned one by the Club or a Race Director.
4. In the event that two riders register with the same race number the less tenured rider shall change their number.

Points

The Valdez Youth Snocross Series is a five race series. Points for each event are totaled. Points for each heat race and main event race are shown in the table below. The season points of the best four out of five races are totaled and the racer with the most points wins.

Place	Heat Race(s)	Main Event
1 st	10	25
2 nd	9	22
3 rd	8	20
4 th	7	18
5 th	6	16
6 th	5	15
DQ	0	0

Table 1. Race Points

Safety

1. Full face helmet
2. Goggles or Face Shield
3. Chest protector
4. Knee & Shin guards
5. Boots
6. Tether
7. Mouth Guards (strongly recommended)
8. Warm Up Stand (anytime the rear is raised)

Classes

The snowmachine shall be, "As provided by the manufacture" (Engine, Chassis, Suspension, Skis, etc.) unless described below. Ergonomic type modifications are allowed in all classes (any handlebar, grips, riser, seat, etc.). Any commercially available ski that is 20-inches in length maybe used. The hood and plastics may be painted or wrapped any color.

120 Stock Class

1. Engine shall be as provided by the manufacture and is limited to a maximum displacement of 120cc with the following exceptions:
 - a. Any governor spring allowed. The governing linkage shall remain in place and be functional.
 - b. Ski-doo and Arctic Cat racers may change the valve springs to equalize performance of the other manufactures.
2. The gear ratio and chain shall be as provided by the manufacture with the following exceptions:
 - a. Any commercially available chain tensioner may be used.
3. Any commercially available ski may be used. Maximum ski length 20".

120 Improved Stock Class

1. Engine shall be as provided by the manufacture and is limited to a maximum displacement of 120cc with the following exceptions:
 - a. Any governor spring allowed. The governing linkage may be removed.
 - b. Any commercially available clutch may be used.
2. The snowmachine drive system shall be as provided by the manufacture with the following exceptions:
 - a. Any commercially available chain tensioner may be used.
 - b. Any gear ratio may be used. Chain may be changed to #35.
3. Any commercially available shocks may be used. Rear suspension shock kit allowed.

120 Mod Class

1. Any commercially available engine with a displacement of 120cc or less may be used.
2. Any exhaust system may be used. Outlet pipe shall point downward and may not protrude beyond machine width.
3. Any commercially available clutch or CVT system may be used.
4. Any commercially available suspension may be used. Maximum ski stance is limited to 34".
5. Any commercially available ski may be used. Maximum ski length 20".
6. Traction screws may be used in the track. No studs.

200 Stock Class

1. Engine shall be as provided by the manufacture, is limited to a maximum displacement of 200cc, and shall not rev greater than 6000rpm.
 - a. Models that feature electric start, may have the starter and on-board battery removed.
2. Any commercially available ski may be used. Maximum ski length 20".

200 Improved Class

1. Engine shall be as provided by the manufacture, is limited to a maximum displacement of 200cc, and shall not rev greater than 6000rpm.

Models that feature electric start, may have the starter and on-board battery removed.

2. Any gear ratio may be used in a chaincase equipped snowmachine. Any chain, any gear, and the parts shall be commercially available.
3. Any commercially available clutch weights and springs may be used. No modifications to the clutches to make these components fit. Secondary Helix shall remain stock.

200/206 Mod Class

1. Any commercially available engine with a displacement of 206cc or less may be used.
2. Any exhaust system may be used. Outlet pipe shall point downward and may not protrude beyond machine width.
3. Any commercially available clutch or CVT system may be used.
4. Any commercially available suspension may be used. Maximum ski stance is limited to 34".
5. Traction screws may be used in the track. No studs.

Jr Fan Class

1. Fan-cooled engines only with a displacement of 600cc or less.
 - a. Arctic Cat Blast 400cc to race in Jr Fan Class.
2. Any commercially available ski may be used.

Transition Liquid Class

1. Sleds shall have a maximum displacement of 600cc.
2. Sleds shall have a maximum engagement of 4500rpm and maximum rpm of 6500.
3. A 50% throttle limiting device shall be installed on the right side of the handle bar controls.
4. Exhaust valves shall be blocked or secured in the closed position.
5. Any commercially available ski may be used.

50% Throttle Class (*Super Stock ISR without studs*)

1. Sleds shall have a maximum displacement of 600cc for two stokes and 1050cc for four stokes.
2. A 50% throttle limiting device shall be installed on the right side of the handle bar controls.
3. Any commercially available ski may be used.

Any commercially available shock may be used.