

2017



120cc

ALASKA RULES



General Rules

General Competition

1. General age is 4 -13 (3 years of age will be case by case basis, must race "Stock Class")
2. Driver must have 1 year prior racing experience before proceeding to Champ Class.
3. Racer Number mandatory on front and back of driver, Windshield is also recommended, Clear and visible.
4. Any underage/overage class racing to be determined by race director only.

Mandatory Safety Equipment

1. Helmet: Full face, DOT and or Snell/ECE 22.05, **Helmet must be strapped at all times while sitting on machine.**
2. Upper Body Protection, IE: TEK Vest, Chest protector
3. Shin Guards
4. Above ankle boots
5. Eye Protection
6. Tether Kill, Must be in working order and attached to driver while operating at all times.

Mandatory Teardowns

1. Regardless of snowmobile equipment passing prior inspections, compliance with the rules must be made at the post-race inspection.
2. Once a snowmobile has completed registration to race it may be inspected at any time.
3. Tech Director will select the snowmobiles for mandatory teardown and inspection. Drivers will take their snowmobiles directly to Tech after completing the race. The snowmobile must remain in Tech until released by the Tech Director or a designated member of the Tech staff.
4. Driver and/or driver's mechanic will perform teardown to point required by the Technical Director.
5. Any driver not reporting to Tech or refusing teardown will be disqualified.
6. Inspected snowmobiles will not be reassembled by the inspection group.
7. Driver and/or driver's mechanic will be the only two (2) people allowed with the snowmobile in the inspection area.
8. The sanctioning organization assumes no responsibility for impounded snowmobiles.

General Race knowledge

Points per Heat		
Place		Points
1		10
2		9
3		8
4		7
5		6
6		5
7		4
8		3
9		2
10		1
11		1

General Class Rules

Engine

1. All governor linkage must be intact, in place and functional. **Any governor spring may be used. Governor gear may be removed.**
2. No components of the engine (including head, valves and cam) may be altered, changed or enlarged from the engines manufactures original stock specifications nor may any additional components be added to the engine.
3. Blueprinting of the engine is not allowed. No removal of material whatsoever will be allowed. This is to include polishing, port matching, de-burring, glass or sandblasting surfaces or material removal for the purpose of engine balancing or other reasons.
4. No changes in engine dimensions can be made by gasket adjustments.
5. Sparkplugs do not have to be OEM.
6. No carburettor/air silencer changes allowed. Filter material may be added or removed.
7. **Jetting changes are allowed. Remote adjustable main jet systems are allowed.**
8. Exhaust must be OEM as produced for the model. The OEM exhaust system must be used in it's entirely. No internal or external modifications allowed. No welding allowed even for repair. Muffler components and/or silencing material must be intact at all times.
9. Flywheel must be OEM with no modifications.

Drive

1. Brake must be functional and operational at all time.
2. OEM drive clutch must be used with no modifications.
3. Stock drive clutch engagement must be maintained.
4. No belt drives allowed.
5. Chain guard must be in place.
6. OEM gear ratio must be maintained.
7. Replacing chain tensioner with commercially available aftermarket tensioner is allowed.
8. Number 40/420 drive chains allowed.

Ski Suspension & Steering

1. Front suspension must be OEM for the model.
2. Front suspension must remain it its stock location.
3. Ski widening devices and/or height adjustments devices are not allowed.
4. Suspension travel may be limited by means of limit straps only. Suspension travel must be maintained, no rigid suspensions allowed.

Skis & Ski Runners

1. Ski must be OEM for the model and year or a commercially available aftermarket ski with a minimum overall length of 20 inches
2. Ski tips must have ski-loops, steel ski-loops must be padded.

Track Suspension

1. The complete suspension must be used as furnished by the manufacture. OEM suspension mounting points must be used.
2. Seals may be removed from bearings in bogie wheels, rear idler wheels and/or rear idlers sprockets.
3. Commercially available marginal snow wheels may be added to the sled rails.
4. Suspension travel may be limited by means of limit straps only. Suspension travel must be maintained, no rigid suspensions allowed.
5. On board slide rail lubrication systems not allowed.

Track & Traction

1. Any commercially available moulded rubber track may be used. Track must fit within frame and suspension without modification to frame, suspension or drive. Track must be used as produced by the modler. HY-FAX allowed.
2. The OEM fixed upper carrier idlers may be reduced in dimension by 3/8 (0.375) from the original for the model year.
3. Traction Screws allowed. No studs nor Ice Picks allowed

Frame & Body

1. OEM hood must be maintained. Hood may be painted/wrapped of any color.
2. Windshields may be removed, modified or replaced. Windshields must have safety trim.
3. All sharp edges must be padded.
4. Must have snow flap.

Class Rules/Exceptions

Stock Class

Snowmobile must conform to the General Class Rules unless stated otherwise in this section

Ages 4-6

Drive

1. Stock gearing allowed only

Track Suspension

1. Rear shock/kit allowed

Super Stock Class

Snowmobile must conform to the General Class Rules unless stated otherwise in this section

Ages 4-13

Drive

1. Final gears are as followed: Arctic Cat 34 Tooth, Polaris 32 Tooth, Ski-Doo 32 Tooth
2. #40/420 drive chains are allowed

Track Suspension

1. Rear shock allowed

Improved Stock Class

Ages 5-13

Snowmobile must conform to the General Class Rules unless stated otherwise in this section

Drive

1. Clutch may be replaced with aftermarket clutch.
2. Gear ratio may be changed.
3. Chain may be changed to #35.

Track Suspension

1. Rear shock/kit allowed

PRO Stock Class

Snowmobile must conform to the General Class Rules unless stated otherwise in this section

Ages 6-13

Engine

1. Carburetor Velocity stack allowed
2. Aftermarket exhaust allowed
3. Champ Valve Springs allowed
4. Light Weight Valve Spring Retainers allowed
5. Rocker Arm change allowed
6. Head Machining allowed
7. Exhaust and Intake Porting allowed
8. Carburetor insulator block may be modified, but must maintain stock thickness dimension

Drive

1. Clutch may be replaced with aftermarket clutch
2. Gear ratio may be changed
3. Track drivers allowed: 5 Tooth Polaris, 6 Tooth Arctic cat/Yamaha
4. Belt drive (CVT) allowed
5. Jackshaft allowed

Track Suspension

1. Shock/Kit/Skid allowed

Ski Suspension & Steering

1. Front suspension may be replaced with commercially available aftermarket shocks
2. Ski widening devices and/or height adjustments devices are allowed

Pro 206 Class

Snowmobile must conform to the General Class Rules unless stated otherwise in this section

Ages 6-13

Engine

1. Must be a "Sealed" Briggs LO-206E engine with 6100rpm rev limiter.
2. ISR Spec header and silencer allowed.

Drive

1. Clutch may be replaced with aftermarket clutch. (NO CVT)
2. Gear ratio may be changed.
3. Track Drivers may be changed to ISR Legal 4 Tooth (Polaris) or 5 Tooth (Arctic Cat/Yamaha)

Track Suspension

1. Shock/Kit/Skid allowed

Ski Suspension & Steering

1. Front suspension may be replaced with commercially available aftermarket shocks
2. Ski widening devices and/or height adjustments devices are allowed

Champ Class

Ages 7-13

General

1. Must follow all ISR/ISOC rules.