

STOCK CLASS (500, 600, 700, 850, 1000) Trophy class:

- Carburetors, motor and exhaust must be stock
- No after market cans, no reeds, or reed spacers
- Must run a factory suspension-Any available aftermarket tracks including speed tracks, but no shaved tracks
- Pics and chisels are allowed
- You can change jetting, clutching, and gearing.
- You may use K&N type air filters
- You may tie down
- Age 16 and up

IMPROVED STOCK CLASS (600, 700, 850, 1000) Payback class: This class is for the improved stock race sleds that are not trailable

- Motors must remain OEM specific to the chassis (No triples on a twin chassis, no watercraft engines, etc.)
- Motor modifications allowed
- Must have silencer
- Must run a factory suspension / rail extensions are allowed
- No aftermarket or billet cylinders for classes up to 800cc
- 1000cc improved class may run aftermarket cylinders
- Full length skis must be used (No short race skis)
- Stock carburetors specific to the motor
- Stock a-arms and trailing arms
- Age 16 and up

PRO STOCK CLASS (600, 700, 850, 1000) Payback class:

- This class is for modified sleds with stinger pipes, aftermarket racing suspension and short race skis
- Tech vest is highly recommended
- Age 18 and up

OPEN CLASS Payback class:

- Any sleds running nitrous in the open class must pull their bottle to run other classes
- Tech vest is highly recommended
- What passes inspection will be at the sole discretion of the tech inspector and/or race officials
- Age 18 and up

KING OF THE TRAIL Payback class:

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YOUTH STOCK FAN CLASS:

- Ages 12-16 (10-12 at Race Directors Discretion) Snowmobile safety certificate recommended.
- Fan 500cc and under
- No liquid cooled sleds - STOCK fan cooled sled only.
- No bumping up to other classes

KIDS 120 STOCK CLASS:

- Sleds must be stock with no modifications allowed other than a wheel kit, gearing or jetting.
- Kitty cats may also run in this class.
- No bumping into other classes

KIDS 120 MODIFIED CLASS:

- The 120 modified class requires a 120 chassis.
- 120 sleds can only run in the 120 class.
- Can run Briggs Motor

KIDS 120 IMPROVED CLASS:

- The 120 modified class requires a 120 chassis.
- Stock motor
- 120 sleds can only run in the 120 class.

VINTAGE:

F/A0-440cc, Open

Stock Sled Requirements

1. Sled must 1985 or older. Stock IFS race in respective CC class.
2. Sled must pass safety/tech inspection prior to racing
2. Cleated tracks will be allowed, but must be in good physical condition and cleats fully fastened (no open holes). NO CRACKED CLEATS/ RIVETS WILL BE TOLERATED!!

Under 600cc only.

Carburetion

1. Must use OEM number of carburetors and components.
2. Air box may be removed.

Engine

1. Must have been an option for the make and model of sled, Internal modifications allowed.
2. OEM or aftermarket pistons are allowed.
3. Cylinder overbores will be as follows.

Class Maximum CC

340cc = 358cc

400cc = 420cc

440cc = 464cc

500cc = 525cc

650cc = 680cc

800cc = 836cc

4. Oil injection pump may be removed.
5. The complete OEM for the brand exhaust must be used.
6. Original means of cooling must be intact and functional. Quick disconnects are the only modification allowed.

Drive

1. Any production primary clutch may be used. No billet special builds allowed.
2. Must have OEM for the brand secondary clutches. **NO ROLLER SECONDARY'S ALLOWED!!!**
2. Clutch and chain guards must be intact. Guards improved for structural integrity will be allowed and are encouraged.
3. Material substitution or lightening of any drive component is not allowed.
4. Brakes must be functional.

Skis

1. Skis must be OEM or aftermarket replacement. Northstar ski ok with a 20 in. min leaf spring, but NO Wahl drag ski etc. allowed in stock.

Track and Suspension

1. Only the OEM suspension will be allowed (front and rear) and must utilize stock mounting locations. Exceptions will be on case by case basis for cleated track to rubber track conversions, conversions must utilize all stock components.
2. No aftermarket lightweight race tracks. Any OEM track is allowed. Tracks may not be cut, trimmed or shaved. NO "R" TRACKS
3. Maximum of 6 studs/picks per cleat or track section.
4. No slide lube allowed.
5. Additional idler wheels may be added.
6. Must have attached snow flap; flap must touch ground with driver on sled.

Frame and Body

1. OEM Chassis No alterations, material substitutions, lightening, or additions to OEM frame, or body allowed.
2. Tunnels cannot be altered dimensionally. Material substitutions, lightening or additions to the OEM tunnel are not allowed.
3. Reasonable alterations(ex: adding/removing vents) to hood to allow for cooling allowed, hood must retain stock appearance, hood insulation may be removed.
4. Windshield may be removed or trimmed.

Electrical

1. Headlight may be removed.
2. Must use the stock production ignition. A Hewtech replacement is allowed such as Fireplug CDI

Vintage Modified Stock

F/A & L/C Mod Stock 0-440cc, Open

Mod Stock Sled Requirements

1. Sled must be 1985 model or older. IFS sleds race in respective CC 2. Sled must pass safety/tech inspection prior to racing
3. Clutch covers for Mod Stock be separate of cowl configuration and cover clutches down to center of clutch bolt or below. Material should be .090 inch 6061 T6 aluminum or better and the outer perimeter be covered with 6 inch belting. If .125 aluminum is used, belting is recommended but not required.

Carburetion

1. Must use OEM number of carbs and components.
2. Use of ni

General Safety Rules

1. Any person operating a snowmobile shall be wearing a helmet and eye protection. Tech vest is highly recommended
2. It is recommended that safety eye wear be worn in the staging and starting line areas.
3. Sleds should be cleaned out in the warm up area only with the tracks facing the boards.
4. Tethers have to be attached to the operator anytime the sled is running.
5. Safety stands will be required when warming engines in the warm up area. The stand should be well constructed, enclosing the rear portion of the track and support the sled a safe distance from the ground.
6. Safety stands will be used at the starting line when sled is leaving the starting line.
7. Driver must have feet on running boards or foot pegs for the entire duration of the race.
8. Moving a running sled on a stand will not be allowed.
9. Crew may only be in starting area when your sled is racing.
10. Full length pants (no shorts) is required in all classes.
11. Any race personnel can disqualify any one that does not follow safety rules.

General Sled Requirements

1. A variable ratio belt driven transmission must propel all sleds.
2. All tethers cords shall be attached to the driver and not be any longer than 36 inches long when fully extended.
3. OEM cleated tracks will be allowed in vintage classes. No cleated tracks will be allowed in the classes above 600cc. All open holes must be filled with a legal fastener. No grinding or welding will be allowed on cleats. All tracks will be inspected!
4. Tracks cannot be shaved.
5. Studs may not protrude more than $\frac{3}{4}$ of an inch above the highest point of the track lug or the highest point of the cleat.
6. No alcohol or nitro-blend fuels allowed.