



Vintage Rules & Regulations 2010

General Safety Rules

1. **Any person operating a snowmobile shall be wearing a helmet.**
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 ice.**
- 5a. **Safety stands will be used at the starting line when sled is leaving the starting line.**
6. **Driver must have feet on running boards or foot pegs for the entire duration of the race.**
7. **Moving a running sled on a stand will not be allowed.**
8. **Crew may only be in starting area when your sled is racing.**
9. **It is strongly suggested that all drivers wear chest protection. It is required in mod classes.**
10. **The race director or any tech personnel can disqualify any one that does not follow safety rules.**

General Sled Requirements

1. Any sled moving to a class other than the class for which it qualifies must meet the criteria for that class.
2. A variable ratio belt driven transmission must propel all sleds.
3. It is recommended that 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.

4. Clutch covers for Open Mod must have full facial coverage and 360 degree elliptical coverage in the direction of the clutch or belt travel. Cover must be .090-inch 6061T6 aluminum or better and be covered with 6inch belting. If cover fastens to the belly pan, the area bellow clutches must be covered with .090 inch 6061T6 aluminum or better. If cover is .125 inches thick, belting is not required.
5. Limiter straps are required in all vintage classes.
6. All mod sleds must be equipped with stab wheels on the front of the slide rails to prevent rails from piercing track.
7. No studder boxes allowed.
8. All tethers cords shall be attached to the driver's wrist and not be any longer than 24 inches long when fully extended.
9. OEM cleated tracks will be allowed in stock classes. Cleated tracks will be allowed in the mod classes as well, but it is strongly suggested to use solid rivets ¼ inch in size and with a 5/8 inch head. All open holes must be filled with a legal fastener. No grinding or welding will be allowed on cleats. All tracks will be inspected!
10. Tracks cannot be shaved.
11. Studs may not protrude more than ¾ of an inch above the highest point of the track lug or the highest point of the cleat.
12. On one-piece rubber molded tracks: except for under slide rails, all plates will be no greater than 2 ¼ inches in length and width. Plates under slide rails may be no longer than 3 ¼ inch and no wider than 1 ¼ inch.
13. No alcohol or nitro-blend fuels allowed.

Protest Fees and Procedures

1. All protests are subject to a \$100 (cash) protest fee.
2. Race officials must deem the protest valid prior to accepting the protest fee.
3. Protester must specify the protest.
4. No protesting races finish order or rulings by any race Official.
5. If protest is found to be valid, the protester fee will be returned.
6. No protest will be accepted after 15 minutes of the completion of the class or event.
7. Invalid protest, protester will forfeit fee and 50% will go to protested entrant and 50% to MSDRS.

Membership and Yearly Points

1. All participants competing for year-end championship must be a yearly member.
2. Daily members will accrue no year-end points.

Vintage Class Rules and Guidelines

Stock

1. Sled must be 1982 model or older.
2. All sleds must comply with general safety rules. Cleated tracks will be allowed, but must be in good physical condition and cleats fully fastened (no open holes).

Classes

1. Stock classes will follow a letter class system. See separate attachment for complete listing of stock classes.

Carburetion

1. Must use OEM carburetors and components. No modifications allowed.
2. Airbox may be removed.

Engine

1. Must be original equipment for the make and model of sled. No component, including intake manifold, may be altered, changed, shaved or enlarged. Engine porting, port timing or polishing, stroke, crankcase, rod, crankshaft or combustion chamber volume or shape, may not be altered. No change in engine dimensions can be made by gasket adjustments.
2. OEM or aftermarket pistons are allowed.
3. Cylinder overbore for wear cannot exceed .040 inches.
4. Oil injection pump may be removed.
5. The complete OEM exhaust must be used with no alterations.
6. Original means of cooling must be intact and functional. Quick disconnects are the only modification allowed.

Drive

1. Must have original primary and secondary clutches. If an original primary clutch can not be obtained, a Comet clutch may be substituted.
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 appearing for that make and model of sled.

Track and Suspension

1. Only the OEM suspension will be allowed (front and rear) and must utilize stock mounting locations.
2. No aftermarket lightweight race tracks. Any OEM track is allowed. Tracks may not be cut, trimmed or shaved.
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.

Frame and Body

1. No alterations, material substitutions, lightening, or additions to OEM frame, hood or body allowed.
2. Tunnels can not be altered dimensionally. Material substitutions, lightening or additions to the OEM tunnel are not allowed.
3. 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.

Modified Stock

1. Sled must be 1982 model or older.
2. Liquid cooled 440cc IFS Sno-Pro sleds are to run in the 500cc Liquid Cooled IFS class and above. This will include any non-IFS Sno-Pro sleds powered by an IFS Sno-Pro engine (i.e. clones).

Classes

- 300cc All
- 340cc Air Cooled
- 340cc Liquid Cooled
- 340cc Liquid Cooled IFS
- 500cc Air Cooled
- 440cc Liquid Cooled
- 500cc Liquid Cooled IFS
- 500cc Liquid Cooled
- 650cc Air Cooled
- 650cc Liquid
- 651+cc Air Cooled

Carburetion

1. No flat slide or aftermarket carburetors allowed.
2. Use of nitrous, turbo chargers and superchargers are not allowed.

Engines

1. Must match manufacturers installed engine for that make and model.
2. Engine modifications allowed, but outward appearance must remain stock.
3. Any exhaust is allowed.

Drive

1. Any primary or secondary clutch is allowed.
2. Must have full metal clutch guard and covered chain.
3. Brake must be functional.

Skis

1. Any metal ski at least 20 inches in length is allowed.

Track and Suspension

1. Any suspension and track combination allowed.

2. No slide lube allowed.
3. Additional idler wheels may be added.
4. Must have attached snow flap that is a maximum of one inch above the ice with driver seated.

Frame and Body

1. Tunnels must be factory originated with a serial number and match the manufacturers installed tunnel for that make and model (no hand built chassis). Material substitutions, lightening or additions to the OEM tunnel are allowed as long as structural integrity and safety are not compromised.
2. Sled must resemble the original make and model of the machine.
3. Belly pans may not be removed and must have stock appearance.
3. Reasonable alterations to hood to facilitate cooling are allowed.
4. Measures taken to strengthen these components are allowed.
5. Hood insulation may be removed.
6. Windshield may be removed or trimmed.
7. Headlight may be removed.

Electrical

1. Any Ignition allowed.

Vintage Open Modified

Classes

Single Cylinder, any cc

300cc

340cc

440cc

500cc

660cc

661+cc

Engine

1. Any 1982 or older snowmobile engine allowed.
2. No billet or aftermarket engine components allowed other than pistons.

Carburetion

1. No flat slide or aftermarket carburetors allowed.
2. Use of nitrous, turbo chargers and superchargers are not allowed.

Drive

1. Any primary or secondary clutch is allowed.
2. Must have full metal clutch guard and covered chain.
3. Brake must be functional.

Skis

1. Any metal ski at least 20 inches in length is allowed.

Track and Suspension

1. Any track and suspension combination allowed.
2. No slide lube allowed.
3. Must have attached snow flap that is a maximum of one inch above the ice surface with driver seated.

Frame and Body

1. Sled must be vintage in appearance.
2. Any chassis will be allowed but must pass safety inspection.
3. **Front Suspension must be of Leaf Spring Configuration.**

Electrical

1. Any Ignition allowed.

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