

NVSRS

Northern Vintage Snowmobile Race Series

Spirit Lake Endurance

2010 Race Rules

GENERAL AND SAFETY RULES FOR ALL CLASSES

Driver Requirements:

1. Drivers must be a minimum of 14 years old or older and/or have at least one year of racing experience.
Exceptions: Junior and Mini 120 classes – Drivers under the age of 18 must have parental consent form signed for each race. Proof of age is required for all members under the age of 18 and for age specific classes.
2. A Snell Approved or DOT helmet with a minimum of 12 square inches of blaze or fluorescent orange on back of helmet.
3. Eye Protection is required (Goggles or Shield)
4. Boots are mandatory – Tennis shoes are not allowed
5. Chest protection is mandatory – Safety jackets, Tek vests, etc.
6. Substitute drivers are not allowed. Points are scored by driver only.

Snowmobile Requirements:

1. All sleds must have a working tether. Tether is to be attached to the driver anytime the engine is running. This includes the pit area.
2. All sleds must be leaf spring sleds. *Exception: Mini 120 sleds.*
3. All sleds must have a working taillight (brake light is optional).
4. Snow flaps with restraints are required. Flap must touch the ground when driver is seated on sled.
5. Ski loops must be padded.
6. Windshield edge must have some type of protective edging.
7. Clutch and recoil must be covered.
8. A manufactured fuel tank is mandatory.
9. Jack stands with 4” minimum sides, made with suitable material, must be used at all times. Absolutely NO exceptions!
10. Minimum 5” numbers on both sides of sled forward of the driver. Numbers must be clearly visible.

Race Rules and Information:

1. Race registration is from 7am – 9 am – NO EXCEPTIONS! Entry forms and waivers are available online at www.nvsrs.org. Driver's meeting is at 10 am and races will start at or around 10:30 am barring any unforeseen circumstances.
2. Markers are utilized to show the designated course that drivers are to follow. Knocking down a course marker is subject to a one minute penalty unless the driver replaces the downed marker. Failure to abide by the marked course (cutting off the course), will result in a time penalty and/or disqualification.
3. A sled cannot be entered more than once in any one class. One driver per sled, per race.
4. Each team is comprised of three drivers and three sleds.
5. Each team will start together and **must** finish within one sled length of each other.
6. Team event – 0 – 1000 cc: Combined engine cc of three sleds must add to 1000 cc's or less. Tunnel mounted engines do not count toward total team cc's. No liquid cooled or modified sleds allowed.
7. Team event – Open cc: Combined engine cc of three sleds is unlimited. Modified class sleds allowed. A maximum of two liquid cooled sleds allowed per team. Drivers must be 18 years of age or older.

Flag Rules:

Green Flag – Signifies the start of a race or that the course is clear and the race is in progress. In the event of a false start, the drivers will be restarted and the offending driver(s) will be penalized by holding their throttle hand to their helmet. A 2nd offense of false start will result in the offending driver(s) restarting in the back row and holding their throttle hand to their helmet.

Yellow Flag – Signifies there is a safety hazard on the track. Drivers must slow down in a yellow flag area. **Absolutely no passing is permitted in a yellow flag area.** Once the driver is past the yellow flag area, racing can resume.

Red Flag – Signifies the race will stop immediately. The red flag will be used if the track is deemed unsafe to continue the race. To restart the race, drivers will have a staggered start lining up in the order from the last completed lap. Driver(s) determined to have caused the red flag will restart in the back. Sleds cannot leave the track unless directed to do so by a race official.

Black Flag – Signifies to a particular driver that your snowmobile is unsafe to continue racing or that you have been disqualified from the race for rough or unsportsmanlike-like driving. You must exit the track to the pit area immediately.

White Flag – Signifies drivers have started their last lap of the race.

Checkered Flag – Signifies the race is complete.

TECH AND/OR RACE OFFICIALS RESERVE THE RIGHT AND RESPONSIBILITY TO EJECT ANY PERSON(S) FOR ANY RULE OR SAFETY INFRACTION. ANY VIOLATION OF THE ABOVE RULES MAY RESULT IN DISCIPLINARY ACTION AND MAY INCLUDE SUSPENSIONS, LOSS OF POINTS, DISQUALIFICATION OR ANY COMBINATION THEREOF.

Tech Inspections:

All sleds entered must go through pre-race safety inspection to ensure all safety rules are adhered to. Only snowmobiles passing inspection will be allowed to race.

Tech inspections will be done post-race to ensure compliance with sled requirements listed above and rules for individual classes. Failure to pass inspection will result in loss of points for that particular class for that day.

Formal Protests:

All protests must be in writing. Forms are available in the scoring trailer and a \$40.00 cash deposit is required with the completed form. You must be specific with the rule infraction that is in question and must be entered in the class you are protesting.

Only the person protesting, along with the sled owner and tech officials may be present at teardown.

If the official ruling is returned as legal, you will lose your \$40.00 deposit to the sled owner. If the official ruling is returned as illegal, you will be refunded your \$40.00 deposit and the driver with the illegal sled will lose their points for that class that day.

Individual Classes:

'85 & Older Stock Classes:	'75 & Older Stock Classes:	'85 & Older Modified Classes:	Mini 120 Classes:
Single Cylinder	0 – 400 cc	0 – 503 Fan/Free Air	Stock (3-12 yrs old)
0 – 300 Fan/Free Air	0 – 503 cc		Mod (6-12 yrs old)
0 – 400 Fan/Free Air			
0 – 503 Fan/Free Air			
0 – 503 Liquid			
0 – 503 Womans			
0 – 503 – 50 Years & Older			
0 – 300 Juniors (11-17 yrs old)			

Team Classes:

'85 & Older - 0-1000 cc Combined Engine for three person team – Stock rules apply.

'85 & Older – Open cc for three person team – Modified rules apply.

All classes receive trophies for 1st, 2nd, and 3rd places with exception of Modified, Team, and Mini 120s classes. Modified and team classes receive 100% cash payback for 1st, 2nd, and 3rd places based on number of entries. All Mini 120 finalists receive trophies.

'85 & OLDER STOCK CLASS RULES:

Carburetion: Stock, butterfly or round slide only. NO flat slides, NO additional carbs, stock manifold.

Engine: Stock. Must be an original snowmobile engine for that model sled. NO swapping of engine parts from other models or manufacturers. NO modifications or alterations allowed. Maximum bore of .060 over stock.

Clutch: Any primary, stock secondary that came with that model sled. No modification or alterations allowed.
Exception: Single Cylinder class must use stock primary and stock secondary that came with that model sled. Comet Duster clutches are allowed.

Drive Train: Stock configuration for that model of sled.

Track: Maximum lug or cleat height of 1". NO track modifications allowed. If track is longer than original, a tunnel extension is required. NO performance enhancing tracks allowed (ex: Kimpex Speed Tracks, Camoplast R Tracks).

Exhaust: Stock for that model sled. NO aftermarket pipes allowed. NO modifications or alterations allowed. NO mod kits.

Front Suspension: Must be leaf spring, steel skis only. Handle bar hooks allowed, ski spreaders maximum 4" per side.

Rear Suspension: Any rear suspension '85 & older. Must match manufacturer. NO modifications or alterations allowed. *Exception: Single Cylinder class – Stock for that model sled. NO modifications or alterations allowed.*

Chassis: Stock for that model of sled. NO modifications or alterations allowed. NO manufacturer race sleds allowed. Replacement tunnel allowed – Must be '85 & older and match original manufacturer. Must be made of same material (ex: aluminum to aluminum).

Traction: Maximum stud height is 3/8" above highest point of track lug (rubber tracks) or track cleat (cleated tracks). NO EXCEPTIONS!

Fuel: Racing fuel or pump fuel only. NO alcohol or power additives allowed.

1975 & OLDER STOCK CLASS RULES:

All bogie and para rail sleds allowed. 1985 & older sleds with engines mounted on top of the tunnel are allowed. Other 1975 & older sleds without a jack shaft are allowed.

No performance sleds allowed in this class. Examples: Ski Doo RVs, Rupp Nitro, Rupp Magnum, Sno-jet SST.

If there is a question regarding an acceptable sled, please call 715-369-5182 for clarification.

Carburetion: Stock, butterfly or round slide only. NO flat slides, NO additional carbs, stock manifold.

Engine: Stock. Must be an original snowmobile engine for that model sled. NO swapping of engine parts from other models or manufacturers. NO modifications or alterations allowed. Maximum bore of .060 over stock.

Clutch: Stock primary and secondary that came with that model sled. Comet Duster clutches are allowed. No modification or alterations allowed.

Drive Train: Stock configuration for that model of sled.

Track: Maximum lug or cleat height of 1". NO track modifications allowed. If track is longer than original, a tunnel extension is required. NO performance enhancing tracks allowed (ex: Kimpex Speed Tracks, Camoplast R Tracks).

Exhaust: Stock for that model sled. NO aftermarket pipes allowed. NO modifications or alterations allowed. NO mod kits.

Front Suspension: Must be leaf spring, steel skis only. Handle bar hooks allowed, ski spreaders maximum 4" per side.

Rear Suspension: Stock for that model sled. NO modifications or alterations allowed.

Chassis: Stock for that model of sled. NO modifications or alterations allowed. NO manufacturer race sleds allowed.

Traction: Maximum stud height is 3/8" above highest point of track lug (rubber tracks) or track cleat (cleated tracks). NO EXCEPTIONS!

Fuel: Racing fuel or pump fuel only. NO alcohol or power additives allowed.

'85 & OLDER 0-503 cc MODIFIED CLASS RULES:

Carburetion: Open.

Engine: Must be a snowmobile engine. Must match manufacturer of sled. NO liquid cooled engines. Maximum bore of .060 over stock.

Clutch: Open.

Drive Train: Open.

Track: Open.

Exhaust: Open.

Front Suspension: Must be leaf spring.

Rear Suspension: Open.

Chassis: Must match manufacturer of engine. NO widening. Factory race sleds allowed.

Traction: Maximum stud height is 3/8" above highest point of track lug (rubber tracks) or track cleat (cleated tracks). NO EXCEPTIONS!

Fuel: Racing fuel or pump fuel only. NO alcohol. NO power additives including nitrous.

MINI 120s STOCK and MODIFIED CLASS RULES:

	Stock 3-12 year olds	Modified 6-12 year olds
Carburetion:	Stock. No modifications or alterations allowed.	Open
Engine:	Stock. Governor kits allowed. Must have working tether and kill switch.	4-Stroke engines only. Modifications allowed. Maximum 206 cc engine. Must have working tether and kill switch.
Clutch:	Open	
Drive Train:	Stock configuration for that model of sled. Open gearing. No belt drive systems allowed.	
Track:	Stock. No modifications or alterations allowed.	
Exhaust:	Stock. No modifications or alterations allowed.	Open
Front Suspension:	Stock. Skis must be stock. No modifications or alterations allowed. Metal front bumpers and ski loops must be padded.	Stock. Skis – open. No modifications or alterations allowed. Metal front bumpers and ski loops must be padded.
Rear Suspension:	Stock. Wheel kits allowed.	
Chassis:	Stock for that model of sled. Ski-Doo, Polaris, and Arctic Cat only. No widening allowed. No manufacturer or aftermarket race sleds allowed.	
Traction:	One stud per opening. Maximum stud height is 3/8” above highest point of track lug. NO EXCEPTIONS!	Open. Maximum stud height is 3/8” above highest point of track lug. NO EXCEPTIONS!
Fuel:	Pump fuel only. No race fuel or power additives allowed.	Racing fuel or pump fuel only. No alcohol or power additives allowed.

Last Edited 1/12/10