



THE OLDEST SLED RACE IN THE COUNTRY IS COMING BACK FEB 1 - FEB 2, 2014. THE 50TH ANNIVERSARY. BE THERE!
Lancaster Grand Prix
LANCASTER, NH - HOME OF THE KILKENNY CUP - FOR RACE RULES & UPDATES: info@lancastergrandprix.com

Lancaster Snowdrifters Sunday Race Rules

For any questions or concerns on rules contact:

INFO@LANCASTERGRANDPRIX.COM

GENERAL RULES FOR ALL RACERS

All Drivers must be a member of NNYVSR or the Lancaster Snow Drifters to compete. All drivers must also join ISR at www.ISRRACING.com to get their number for their sled. It costs nothing to register with ISR but it must be done in order to compete.

Sleds should have 4" to 5" numbers on both sides of the cowl.

All stock and modified sleds may run any leaf spring skis and must have 2" of arch in the leaf.

NO COBRA SKIS on any snowmobiles.

Hook handle bars are allowed.

Stirrups can be relocated, but cannot protrude past the cowling.

Ski braces are allowed in all classes.

Fuel tanks can be relocated.

No two sleds can have the same number.

All sleds must have a snowmobile engine.

No driver switches in the same race day.

No sled switches in the same race day.

No money back after racing begins.

Must run your heat to be in the final.

Race Director may check any sled that may be in violation of any rule. If you refuse, you will be disqualified.

Stud length - A 3/8 inch max measured from the highest point on the track.

Track must be 3/4 inch lug or less.

TWO MINUTE RULE: Every driver has a window of two minutes to get their sled running for that race. They must let an official know IMMEDIATELY!!!!

The RACE DIRECTOR reserves the right to pull any head at any given time.

Any type ski, leaf sprung, with 2" arch and must be functional. (Should move when the leaf spring is stepped on by a person weighing in between 200-250lbs).

No limit to over bore. Bore must stay within limits of stock cylinder. (No resleeveing to make bigger cylinder).

NO cleated tracks.

"TEAR DOWN" RULES

Must be a driver in the class in question. That driver must put up \$100.00, which is refundable, depending upon the outcome.

If the party in question is in violation of a class rule, the sled is disqualified for the day. The driver will lose that day's points along with an additional 15 accumulated points.

If the party in question is in violation, they will not be allowed to race the sled in that class until the violation is corrected and RE-INSPECTED by the Tech Man.

Procedures for tear down are as follows: Race Director, Tech Man, Sled owner and the person with the grievance are the only ones to be present at the tear down. The final decision is to be made by the Race Director and Tech Man.

SAFETY RULES FOR ALL CLASSES

All sleds must pass a tech inspection before racing.

All sleds must have:

- a. Working brake
- b. Working tether switch with tether attached to the driver
- c. Clutch guard
- d. Chain guard
- e. Cowl over engine compartment
- f. Rear flap no more than 2" above the ground

Tether must be attached to the driver or pit member whenever the sled is running.

All stands must be properly guarded.

DO NOT over rev sled on a stand. (VERY DANGEROUS)

Driver must wear a snowmobile helmet with at least 4" of bright tape.

Shin guards must be worn on at least one leg.

Safety jackets are a MUST for every driver.

a. No plastic motocross chest protectors are allowed.

Driver must wear a protective jacket and pants.

A neck restraint is recommended.

Alcoholic or drugs are NOT allowed in the PIT AREA. You will be asked to leave.

No inappropriate behavior or language in the PIT AREA.

No racing in PIT AREA.

The Race Director has overall control over the event.

All drivers must obey the pit marshal, flagman and corner men.

The flagman is in control of the track during hot laps and the race.

Race Committee will assist the Race Director in solving disputes during or after the race.

Flags used during the race

a. Green: Go race

b. Yellow: Race with caution

c. Red: Stop the race

d. White: One lap to go

e. Checkered: End of race

f. Black: Drop out of race

All sleds must complete the first lap or the race will be restarted.

In case of a Red flag, line up in order at the time of the red flag.

Two lap shoot out for the last lap red flag.

(All snowmobiles in all classes) - The rear tunnel must be enclosed with steel or aluminum comparable in strength to the tunnel material. The tunnel enclosure is required to reduce the possibility of skis and driver's extremities entering the tunnel area. The shaded area (see illustration @ ISR WEBSITE) must be enclosed. The enclosure shall cover the rear and both sides and extend forward to the rear suspension mounting bolt. The bottom of the enclosure shall be no higher than one (1) inch above the center of the rear axle (with the driver in place). The rear of the enclosure shall be no further than 2.5 inches from the rear of the track. The tunnel enclosure must be securely welded, bolted or riveted to the tunnel.

Must have a non-blinking tail light. Minimum 4 square inches.

No modular helmets.

All helmets must be Snell approved or be equivalent.

Protective boots or shoes. No sneakers.

GENERAL STOCK RULES

In stock and stock based classes no changes or modifications are allowed unless specifically allowed by these rules. If these rules do not specifically allow a change or modification, then it must be assumed that the change or modification is not allowed.

The engine must be OEM for that model.

Engine, engine mounts and exhaust must remain in original OEM for that model locations (of the chassis).

Any internal modifications are allowed to the engine.

NO external modifications allowed. Engine must remain OEM for the model appearance.

Engine bore size may be increased up to 0.060 inches over stock bore. Must maintain OEM stroke for that engine.

After market pistons allowed.

Intake concept (for the engine) must be maintained (piston port, reed valve, rotary etc.).

Any round slide carb. from a stock qualified snowmobile is allowed. Flat slide carbs are not allowed. Air intake silencers (air boxes) may be removed.

Cooling system (for engine) must be maintained and fully functioning (i.e. free-air, fan, etc.).

Must be naturally aspirated.

Unaltered OEM exhaust system must be used for year, make, and model. (NOTE: Factory update silencer may be used on 1975 Merc S/T.)

Ignition system must be OEM for engine or aftermarket ignition of the same concept.

Any snowmobile brand OEM primary clutch allowed.

Any button style "non roller" secondary clutch is allowed.

Brake components may be replaced. Must be commercially available and not modified, may be relocated. Any externally visible components must be shielded.

Maximum ski widening is 3 inches.

Unlimited amounts of studs. Must not exceed 3/8" from the highest point on the track. Track must be 3/4" lug or less.

Unlimited sharpened area on ski runner.

Sled must have a stock appearing cowl with at least 4" numbers appearing on both sides.

No chassis modifications.

Chassis modifications include relocation of chain case, changing angles of spindles, widening the bulk head, addition of jackshaft. Tunnel must be OEM for the model.

Any type leaf sprung, with 2" arch and must be functional. (Should move when the leaf spring is stepped on by a person weighing between 200 - 250 pounds.)

No alcohol fuel is allowed.

Any stock suspension 1985 or older, no aftermarket suspensions. No less than 3 inch overall track length than what came with that model.

Remote adjusters are not allowed. (A remote adjuster is a system which allows the manual or automatic raising or lowering of the front skid/track while sled is in motion.) A manual adjuster is allowed, such as a limiter strap, eyebolt style adjuster.

CLASSES

SINGLE FAN STOCK / SINGLE 300 AIR COOLED STOCK / SINGLE 400 AIR COOLED STOCK / COMBO CLASS 340 IFS, 440 LEAF / 340 FAN STOCK / 340 FA STOCK / 440 FAN STOCK / 440 FA STOCK / ELAN SINGLE CYLINDER / ELAN TWIN CYLINDER / FORMULA 500 / 440 LIQUID MOD / JUNIOR 1 / JUNIOR 2 / 120 STOCK / 120 MOD / 50 AND OVER / 440 FA MOD / WOMENS FAN STOCK

SINGLE FAN STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Must follow all Stock Rules.
2. Sled and driver must meet and follow all Safety and General Rules.
3. No jackshaft chassis permitted in this class.
4. Chaincase must remain in its stock location.
5. All stock shields and shrouds must be present and in place to race.

SINGLE 300 AIR COOLED STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Must follow all Stock Rules.
2. Sled and driver must meet and follow all Safety and General Rules.
3. 1980 or older, free air 0 - 300cc.

SINGLE 400 AIR COOLED STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Must follow all Stock Rules.
2. Sled and driver must meet and follow all Safety and General Rules.
3. 1974 or older air cooled 0 - 400cc.

COMBO CLASS (\$40.00 entry fee)

Trophies awarded at each race.

1. Sled and driver must meet and follow all Safety and General Rules.
2. 1996 or older 0 - 340cc IFS single track.
3. 1981 or older, 0 - 440cc solid front end, single track.
4. In 440cc, engine must match chassis.
5. Sprint sleds allowed.

340 FAN COOLED STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Sled and driver must meet and follow all Safety and General Rules.
2. Must follow all Stock Rules.
3. 1980 and older 0 - 340cc fan cooled.
4. All fan covers and fans must be in place and working.

340 FREE AIR STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Must follow all Stock Rules.
2. Sled and driver must meet and follow all Safety and General Rules.
3. 1980 or older, leaf spring, 0 - 340cc free air.

440 FAN COOLED STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Must meet and follow all Stock Class Rules.
2. Sled and driver must meet and follow all Safety and General Rules.
3. 1980 or older, factory leaf spring, 0 - 440 fan cooled.

440 FREE AIR STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Must meet and follow all Stock Class rules.

2. Sled and driver must meet and follow all Safety and General Rules.
3. 1980 or older, leaf spring, 0 - 440 free air.

ELAN SINGLE STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Must meet and follow all stock class rules.
2. Sled and driver must meet and follow all Safety and General Rules.
3. Any year single cylinder Elan.

ELAN TWIN STOCK (\$40.00 entry fee)

Trophies awarded at each race.

1. Must meet and follow all stock class rules.
2. Sled and driver must meet and follow all Safety and General Rules.
3. Any year twin cylinder Elan.

FORMULA 500 (\$40.00 entry fee)

See Saturday race rules for information on FORMULA 500 CLASS

440 LIQUID MOD (\$40.00 entry fee)

Trophies awarded at each race.

1. Sled and driver must meet and follow all Safety and General Rules.
2. 1980 or older, factory leaf spring, 0 - 440cc liquid cooled.
3. Any type carb, clutch, suspension, ignition or exhaust.
4. Must use stock cylinder and modifications allowed.
5. Engine must match brand.
6. Chassis mods are allowed.
7. Maximum width is 45 inches.

JUNIOR I (\$40.00 Entry fee)

Trophies awarded at each race.

1. Age 11-14.
2. Parent must sign the necessary release forms and driver must be a member.
3. 0 - 340 Single cylinder, fan cooled stock sled. (see stock rules)
4. Must follow Safety, Stock and General Rules.

JUNIOR II (\$40.00 entry fee)

Trophies awarded at each race.

1. Age 14 – 16.
2. Parent must sign the necessary release forms and driver must be a member.
3. 0 - 340 Twin cylinder, fan cooled stock sled. (see stock rules)
4. Sled and driver must meet and follow Safety, General and Stock Rules.
5. **CAN NOT move up to any adult class until the age of 16. NO EXCEPTIONS.**

Age 50 and over (\$40.00 entry fee)

Trophies awarded at each race.

1. Up to 340 FA with a jackshaft or 440 fan without jackshaft can compete.
2. Minimum age is 50.
3. sled and driver must meet and follow safety, general and stock rules.
4. 1980 and older sleds can compete.

120 / KITTY CAT STOCK

CHEST PROTECTOR REQUIRED TO RACE

1. 5-9 year old age bracket to race.
2. Any make or year can compete.
3. Engine mods are not allowed.
4. 120 must be a 4 cycle engine.
5. Kitty Cat must be a 2 cycle engine.
6. Governor, gear and centrifugal clutch mods are permitted.
7. No belt drives.
8. Must have a chain guard in place to race.

9. Must have a working tether attached to the driver during the race.
10. Traction control permitted.
11. Two parents or guardians are permitted at the line during a race.

120 / KITTY CAT MOD CLASS

CHEST PROTECTOR REQUIRED TO RACE

1. 5-10 year old age bracket to race.
2. Engine and exhaust mods are permitted.
3. 120s must remain a 4 cycle engine.
4. Kitty Cats must remain a 2 cycle engine.
5. Drive system mods are permitted with appropriate shielding.
6. Ignition mods are permitted.
7. No alcohol fuels can be used.
8. Traction control is permitted.
9. Must have a working tether attached to the driver during the race.
10. Two parents or guardians are permitted at the line during a race.

440 FREE AIR MOD - (\$40.00)

Trophies awarded at each race.

1. Sled and driver must meet and follow all Safety and General Rules.
2. 1980 or older chassis, factory leaf spring.
3. 1980 or older 0 - 440cc air cooled engine.
4. Any type carb, clutch, suspension, ignition or exhaust.
5. Must use stock cylinder and modifications allowed.
6. Engine must match brand.
7. Chassis mods are allowed.
8. Maximum width 45".

* for clarification this class will be allowed to run an extruded aluminum ski

WOMANS FAN STOCK – (\$40.00)

Trophies awarded at each race.

1. Sled and driver must meet and follow all Safety and General rules
2. Class follows stock rules
3. 0-440cc fan engine
4. Driver must be female to compete.