

Fly By Night Drag Racing Association (FBNDRA)

FBNDRA rules will be different from other races you may have attended. These rules have been put in place to achieve the safest, fairest and most enjoyable racing experience for the racer.

BE RESPECTFUL AND RESPONSIBLE!!

ALL RULES ARE FINAL BY OFFICIALS AND TECHS WORKING FLY BY NIGHT RACING EVENTS INCLUDING TREE DISCREPENCY.

1. **ABSOLUTLEY NO DRUGS OR ALCOHOL.YOU WILL BE ASKED TO LEAVE.**
2. **NO AERIAL VIDEO OR PHOTOGRAPHY. ALL RIGHTS RESERVED BY FLY BY NIGHT RACING LLC..**
3. **MUST BE 18 YEARS OR OLDER TO RACE EXCEPT RACERS IN THE JUNIOR CLASSES (13-18 YEARS OF AGE THAT MUST HAVE DRIVERS LICENCE OR BIRTH CERTIFICATE WITH SNOWMOBILE SAFETY COURSE CARD).**
4. **JUNIOR CLASSES INCLUDE 500CC-600CC TRAIL STOCK SNOWMOBILES ONLY. NO 4 WHEELER CLASSES. (FACTORY RACE SNOWMOBILES ARE PROHIBITED IN JUNIOR CLASSES)**
5. **YOUTH CLASSES ARE 12 YEARS OF AGE AND UNDER RANGING FROM 60CC-120CC-120CC MOD, 200CC- 200CC MOD.(SEE RULES BELOW)**
6. **ALL RACERS MUST SIGN LIABILITY FORMS AFTER THEIR MACHINE IS FINISHED WITH TECH. EVERY MACHINE IS TECH INSPECTED FIRST. A RACER MAY ENTER 2 CLASSES AND ALLOWED TO RUN IN TRAIL AND MODIFIED UNLESS YOUR MACHINE QUALIFIES FOR MODIFIED ONLY OR OPEN MOD.**
7. **ANYTIME A MACHINE IS BEING MOVED WITH ENGINE RUNNING IT IS MANDATORY TO BE WEARING A HELMET AND ANY SLED MUST ALSO HAVE A TETHER ATTACHED TO YOU.**
8. **ALL WHEELERS MUST REMAIN STATIONARY UNTIL IT IS YOUR TIME TO RACE. ABSOLUTLEY NO HORSEPLAY, OR RACER WILL BE ASKED TO LEAVE WITHOUT REFUND!**
9. **TETHER CORDS ARE MANDATORY FOR ALL SNOWMOBILES AND OPEN MOD WHEELERS. ALL SLEDS MUST ALSO HAVE SNOW FLAPS, CLUTCH COVERS, AND CHAIN CASE COVERS.**
10. **FOR BOTH WHEELERS AND SLEDS A FULL FACE HELMET IS THE ONLY HELMET ALLOWED.**
11. **ALL RACERS MUST BE AT DRIVER MEETING. IT IS VERY IMPORTANT FOR ALL RACERS TO UNDERSTAND HOW WE RUN OUR RACE, TIMING LIGHTS, TRACK LAYOUT, AND STAGING LANES.**
12. **SNOWMOBILE CLASSES/RULES.(If you're not sure on your class, Tech will help you)**
13. **EVERY RACER MUST HAVE OVER THE ANKLE BOOTS AND LONG PANTS.**

2019 Race Classes

1. **YOUTH STOCK CLASSES 120CC, 60CC, AND KITTY CAT:** Must have OEM engine. Allowed to have aftermarket exhaust, clutching, intake, gearing, and jetting. Tether and kill switch must work. All chain guards must be in place.
2. **YOUTH MOD CLASS 120CC:** Any 120cc without an OEM engine. Ex Briggs LO-206, Honda GX200. Any aftermarket parts are allowed. Must have working tether and kill switch. Chain and belt guards must be in place.

3. **200 cc Trail-** Must have OEM engine. Mods to the sled are the same as the trail classes. Allowed to have mods such as exhaust, intake attachments, jetting, clutching and gearing. Tethered kill switches are mandatory. All guards must be in place. 80 cc Snoscoot will run this class.
4. **200 cc Mod-** Any 200cc sled with non OEM engine. Any and all aftermarket parts allowed. All guards must be in place. Tethered kill switch are Mandatory.
5. **VINTAGE SINGLE:** 340cc max. Any stock single cylinder. Cleated track permitted
6. **VINTAGE FREE AIR:** 440CC max. 1980 and older stock twin free air machines that were non-factory race sleds. Cleated track permitted.
7. **VINTAGE FAN:** 440CC max. 1980 and older stock twin fan cooled machines that were non-factory race sleds. Cleated track permitted.
8. **VINTAGE IMPROVED:** 1980 and older or factory leaf spring front suspension. Unlimited engine size for free air and fan cooled with aftermarket exhaust. 440cc and under liquid cooled. No cleated track allowed.
9. **VINTAGE MOD:** Modified machines or factory race machines. (Ex. Improved SRX440 or SRX440 76'-77' Polaris Centurion) along with any year fan cooled motor 500cc and under may enter this class. (Ex. Polaris Indy 440cc. Yamaha Phazer 488cc). No cleated track allowed.
10. **TRAIL CLASS:** All trail sleds are trail ride able. A trail sled is a stock pipe machine that is allowed an aftermarket muffler, reeds, clutching, gearing, and jetting/2 stroke programmer. It is also acceptable for a trail sled to have aftermarket trail pipe/pipes that enter a muffler can OR 4 strokes with aftermarket exhaust including headers. NO STINGERS. If the machine has aftermarket trail pipes it will need to go in the next trail class up or run in its own engine size modified class. Trail class is not allowed any lowering of machine, speed track, custom pipes, aftermarket suspension, strapping suspension, chisel studs, big bore (over 1mm or .40 over). FBNDRA Has the right to check bore and stroke.

Handicaps for Trail class:

- A. Any 900cc machine will fall into 800 trail as long as machine is stock.
- B. Non-exhaust valve motors and piston port motors:
 - I. Can drop into next class down as long as machine is all stock with stock pipe.
 - II. Aftermarket pipe/pipes (with stingers) may run in its own engine size class or drop into the next Modified class below.
 - III. A piston port motor has the option to lower sled and have chisels in Trail class, however, you will need to jump up in class size or run Modified in your same engine class.
11. **MODIFIED CLASS:** Modified sleds may have lowered suspension, Speed track, chisel studs, custom race pipes with stingers, aftermarket racing rear suspension skid, and big bore. (Depending on your big bore size your machine may be in Open Mod, otherwise you will be put into the appropriate class). Any 4 stroke Arctic Cat 1100 must have OEM turbo to run in 1000 Modified class. All Yamaha Sidewinders and Artic Cat Thundercats with OEM turbo will run 1000 Modified.
12. **OPEN MOD:** Any race chassis. Upgraded turbo wheels. Big turbo. NOS. Superchargers.
 - a. Open class sleds must have 3/4 Clutch cover guards.
 - b. It is recommended the sled is suspension is tied to prevent loss of control.

c. Must wear a tech vest

- Four Stroke snowmobile class grouping.

1. 500cc-

- a. Yamaha Phazer 500
- b. Polaris FS
- c. Ski Doo ACE 900

2. 600cc-

- a. Yamaha rx1 03-05
- b. Warrior 1000cc
- c. Non-turbo Arctic Cat 1100
- d. Arctic Cat Z1 Jag
- e. Vector 1000cc triple
- f. Yamaha Nytro 07 & older
- g. Yamaha Rage

3. 700cc-

- a. Yamaha Apex, Attack, Nytro 08-10, Viper
- b. Ski Doo 1200
- c. Polaris FST750

4. 1000cc-

- a. Arctic Cat 1100cc Turbo (No Modified ECU, programmer, must be Stock)

Sleds -- Updates

- Vintage Mod: 500cc fan cooled and under.

- Handicaps

- Non ex valve motors can drop into next class down as long as machine has stock pipes.
- Trails is fine with clutching, reeds, trail pipes into cans or cans with stock pipes.
- If your trail is trail piped it runs in next trail class up or modified class.
- A Non Exhaust Valve that is modified may run in lower modified class.
- Any trail sled with pipes goes into next trail class up or same cc modified class.
- Any piston port with lowered suspension, and chisel studs must be in next trail class up or bump down into lower Modified class.
- Any piston port with pipes only that isn't lowered or chisel studs may drop into class down.
- Turbo 1100cc are in 1000 modified as long as programmer is the only upgrade.
- All 850 stock sleds run in 1000 Stock class.
- 900cc trail stock can run in 800cc trail stock.
- Open Mod (MUST HAVE APPROPRIATE SAFETY GUARDS)
- Any race chassis, upgraded turbos, blowers, and NOS.
- No trail sled can have chisels, lowered suspension, or aftermarket skids. Ex: proline rear suspensions.
- Any race piped sled with stingers is in modified class.

- No power adders in trail or modified (ex. Nitrous ,non OEM turbos, etc. only allowed in Open Mod class) 2 stroke programmers are acceptable in trail stock.
- All sleds and wheelers are inspected by our tech and placed in the appropriate class at the discretion of the tech official. We are fair and understanding to all different machines and will place your machine in the most appropriate class.

Wheelers

- **PRO MOD:** Strictly drag racing set up. Extended swing arms. Chisels in tires. Custom fit motors, turbos, NOS, and blowers. (MUST HAVE TETHERS)
- **IMPROVED:** 350cc, 2-stroke and above with billet heads or after-market carb. Any 450cc 4-stroke with custom cylinders of extreme big bore (i.e. Ice Cube cylinder) or after-market carb.
- **SPORT:** 4x4. 650cc & up, liquid cooled. 2 stroke, 350 cc & up, liquid cooled. 400cc & up, liquid cooled, 4 stroke sport quads. Any 250cc & up 2 stroke with pipe.
- **TRAIL:** Under 400cc liquid and air-cooled sport quads. Under 350cc 2 stroke, stock pipe. Under 650cc 4 stroke, 4x4 liquid cooled.