Vintage Snowmobile Race Rules
February 8, 2020
Lisbon Stump Jumpers Inc, SMC

- For 2020 the Lisbon Stump Jumpers vintage race will be aligned with the Lancaster Snow Derby. Some classes will be part of a point system leading to an overall champion in these classes. The Lisbon event is still operated by the Lisbon Stump Jumpers, not by the Lancaster Snow Derby.
- Our rules this year are the same Rules as the Lancaster Sno-Derby Rules.
- Registration for the Lisbon Stump Jumper race is on a separate registration form
- Sno-Derby Schedule
  1. Lancaster January 11th
  2. Stratford February 1st
  3. **LISBON** February 8th
  4. Stratford March 7th
  5. Lancaster March 14th

PLEASE CALL with any questions or concerns regarding the rules:
Lisbon: Brad Gooden - 603-838-6383 or goodenplumbing@gmail.com
Lancaster/Stratford – use: [http://www.lancastersnowderby.com/contact.html](http://www.lancastersnowderby.com/contact.html)

Overview for Lisbon Race – 3rd race of the 5 race Sno-Derby series
- There are no transponders – People and paper scoring.
- The top 3 winners will receive trophies.
- There is an early registration period with discounted prices – you help us if you register early.
- Prices in Lisbon are different than The Lancaster Sno-Derby
- Pits open at 7:30. Registration opens at 7:30 am. PLEASE be pre registered if at all possible.
- Registrations close at 9:00 am. Nobody can register after 9:00 am.
- Pre race safety inspection will take place from 8:30 am to 9:30 am.
- Racing will start promptly at 10:15.
- Additional technical inspections may occur. Driver +1 crew member may be present. Race representatives will be present.
- If a duplication of race number occurs, then the last one to register will have to change his / her race number.
- Sleds may jump up from the older classes to the newer classes. Newer sleds may not jump down into the older classes.
- Pre-Race Safety & Tech inspection will occur to include:
  1. Number on the sled (*to assure having your preferred number, register early*)
  2. Ski tips must be padded around hoops/edge.
  3. Working tether switch
  4. No Studs – (*unless there is an exception in the rules*)
  5. Snow flap REQUIRED
General Rules

- All drivers are age 18 or over, except for age related classes
- Under age 18 will need parent/guardian present on race day, and complete the Youth application form
- Pushing, bumping or hitting if deemed intentional will result in being disqualified
- **Starting Procedure:** Heats and finals will be motocross style. Racers will be lined up with engines running at the start/finish line.
- Any sled that stops working must be pulled into the infield as soon as possible. No one is to cross the track to assist in repairs of the machine.
- Excessive speed or horseplay is not allowed in the pit area. Again is subject to disqualification.
- If a sled is running – a tether needs to be hooked to someone
- The driver agrees to accept all decisions of the race officials unconditionally.
- **Chest protectors are required** for safety in all classes.

Race Length all races (except 120 cc) – Lisbon Track is shorter than Lancaster/Stratford tracks

- Qualifier: 5 laps
- Last Chance Qualifier: 5 laps if needed (subject to race entries and conditions of the track)
- Feature Race: 10 laps

Race Length for Youth

- Qualifier: 3 laps
- Feature race: 7 laps

PLEASE Pre-Register:

- As you know from past experience the Lisbon Stump Jumpers have never cancelled a race due to weather conditions.
- Pre-registration allows a smoother start to the race.

RACE DAY Registration Entry Fee Charges:

- **ADULT & YOUTH** $30 per sled for one class.
  - Each additional class will cost another $20.
- **KIDS** $25 per sled for one class.
  - Each additional class will cost another $10.

Registration on Race Day: FEES ARE INCREASED

- **ADULT & YOUTH** $45 per sled for one class.
  - Each additional class will cost another $35.
- **KIDS** $40 per sled for one class.
  - Each additional class will cost another $15.

- Anyone entering the Race Pit Gate will be charged the spectator admission fee

Other Contact Information

Race Committee Chair – Joe Wiggett 603-838-6059 josephawiggett@gmail.com
Club President Cheryl Wiggett 603-838-6059 lisbonstumpjumpernh@gmail.com
Web site: www.lisbonstumpjumpers.org
Facebook: Lisbon Stump Jumper
Classes / Run Order 2020 both at Lisbon and for the other Sno-Derby locations

KIDS Races as per that section on Page 19 & 20;
Then Youth and Adult Classes as below

**KEY: (Initial qualifier – Feature/Final Race for Scoring)**

1-26  Fan cooled 340 twin 75 and older  
2-27  Youth /Jr novice age 14-17 / 440 twin 85 and older  
3-28  Formula IFS  
4-29  X Mod  
5-30  Fan cooled 400 single 85 and older  
6-31  Air cooled 340 twin 85 and older  
7-32  50 plus 440 twin 75 and older  
8-33  Mod 340/stock 340 liquid leaf  
9-34  Woman’s 440 fan 85 and older  
10-35  Youth/Jr novice age 10-13 / 340 twin 75 and older  
11-36  Elan/ Sprit 335  
12-37  Air cooled 440 twin 85 and older  
13-38  HR single  
14-39  Mod 500 open/stock 500  
15-40  HD Single Stock  
16-41  Youth/Jr novice age 14-17 / 340 twin 75 and older  
17-42  Fan cooled 440 twin 75 and older  
18-43  340 mod / air cooled combo  
19-44  Youth / Jr novice age 10-13/ 340 single 85 and older  
20-45  Single 250 budget mod (exhibition)  
21-46  Air cooled 300 twin 85 and older  
22-47  Turner single  
23-48  Single 250 budget mod 440 stock fan combo (exhibition)  
24-49  Outlaw Single  
25-50  Elan/Spirit 300cc (RUN IN LISBON Stump Jumper race ONLY)

Point Races for the 2020 season (please refer to Sno-Derby web site)

- 340 Fan cooled 75 and older
- 440 Fan cooled 75 and older
- 340 Air cooled 85 and older
- 440 Air cooled 85 and older
- Elan / Spirit 335
- Woman's 440 fan cooled 85 and older
- X mod class

1. Championship points will be awarded for certain classes during the racing season
2. To receive championship points, a driver and his/her sled must take the green flag.
3. 0 points will be awarded to any driver show fails to show up for a scheduled race.
4. Points will be awarded according to the points schedule
5. At the end of the season all tie breakers will be determined by highest finishers in last race.
SLED RULES PER CLASS

(1) Fan cooled 340 twin 1975 and older  v2 4/18/19
Sleds racing in this class must be 1975 model year and older to compete. The engine must be the original engine for make / model / year and it must be fan cooled and 340cc or less.

1. 1975 and older models may compete
2. 340cc and under twin cylinder engine displacement may compete.
3. No studs
4. Carbides allowed
5. No jackshaft models
6. Any brand replacement track allowed. ¾ lug max
7. Rear suspensions may be interchanged up to 1978
9. Stock drive clutch or Power Block / Comet 94c Duster
10. Spreader allowed, up to 3 inches max increase.
11. Steel skis only
12. No adjustable handlebars.
14. Float type carbs allowed / no flatslides, Bore must be smaller than port.
15. Stock Exhaust system only
16. Stock Ignition system.
17. No Rotary or Reed engines.

(2) Youth Age 14-17 / 440 fan twin 1985 and older  v2 5/11/19
1. Leaf sprung / fan cooled single cylinder 440cc and under, 1985 model year and older.
2. Overboar allowed
3. Butterfly or slide type carbs allowed / no flatslides
4. Stock muffler and pipe.
5. No programmable ignitions allowed
6. No studs / Carbides allowed.
7. Parent / Legal Guardian: Youth under 18 years of age Parent or legal Guardian must be present to sign waiver

(3) Formula IFS  v5 4/18/19
The goal of Formula IFS is to build a class in the spirit of the Formula 56 class popular the 80s. It will allow sleds that had been performance rated by ISR to compete in the same class. This class will allow certain Fan / Free Air and Liquid cooled sleds to compete together while also allowing certain leaf and IFS sleds to compete together. Only listed sleds may compete. Additions to the qualified sled list can be made at the discretion of the Race Director. Below is the list of qualified sleds by manufacturer.
Models that May Compete

Arctic Cat
1978   El Tigre 340
1978-81  El Tigre 5000   500cc
1979   Cross Country 340
1985-90  Cougar AFS   500cc
86-88     Pantera 440 L/C AFS

John Deere
1979-84  Trailfire 440   436cc
1976-78  Liquifier 340   339cc
1976-78  Liquifier 440   436cc
1979-83  Liquifier 440   436cc

Kawasaki
1978-80  Invader 340   339cc
1978-80  Invader 440   436cc

Mercury Marine
1975-76   Trail Twister 440   436cc

Moto Ski
1979-83  Futura LC    462cc

Polaris
1976-80  TX 340   336cc
1976-80  TX 440   432cc
1977-80  TXL 340   333cc
1980-82  TXL Indy 340   333cc
1983   Cross Country 340   333cc
1984-91  Indy 400   398cc
1983-92  Indy trail   440 / 488

Ski Doo
1984-89  Ski Doo Formula MX    462cc
1978-81  Blizzard 6500 / 7500   339cc
1978   TNT RV XC 340
1979   Cross Country 340   336cc
1980-82  Blizzard 5500   497cc
1982-84  Blizzard MX   497cc
1987-88  Stratos   496cc

Sno Jet
1975   Thunderjet 440 F/A 433cc
1975   SST 440 F/A    433cc

Yamaha
1974-75  GPX 433   433cc
1974-75  GPX 338   338cc
1976-81  EX 440  433cc
1980-85  SS 440  437cc
1984-92  Phazer  485cc
1981-89  SRV  535cc

Class Rules
1. Engine must retain original concept cooling system.
2. Engine must have original style ignition.
4. Chain case must be original, must maintain stock clutch covers, must have primary clutch covered.
5. Skis: Stock replacement type skis of any manufacturer. No aluminum/plastic skis/skins. Up to 6 inch carbide only, no additional keels or runners. Runner will not stick down more than 9/16” from bottom of ski. No ski spreaders on IFS models, leaf spring may use spreaders, no offset +3 inches from stock max.
6. Brakes will remain stock for year, make, and model
7. Tracks: Original / stock replacement to 3/4” lug height. No longer than 121”. Changing track drivers is allowed. No cleated tracks unless stock track for that model / year was cleated. Cleated track models may convert to rubber. Rubber track models may not convert to cleats No special racing or “R” tracks, no cut down width tracks.
8. Clutch: Drive clutch is OEM or Comet 94 Duster / 102C / 108C clutch springs/weights may be changed. Secondary clutches must be stock for year, make, model can change helix and spring.
9. Suspension: Stock rear suspensions for year, make, and model no changes from stock. Stock front suspension, no widening or any other changes from stock on IFS models.
10. Handlebars: Steering post mount must remain in stock position. Risers and hooks are permitted.
11. Fuel tanks: Must be factory fuel tank for year, make, and model only and secured safely.
12. Engine regulations: Engine must retain stock cooling type, Engine must be an available option for the chassis entered in the race.
13. Reed / reed cages must be OEM, no aftermarket. Carburetors are original size and type for year/make/model of sled/ engine being run. Jetting can be changed and airbox can be removed, oil pumps can be removed. Original exhaust for year / make / model. Pistons are stock replacement up to .040” oversize allowed. No port grinding, only edge chamfering. Must have stock port sizing. Bead blasting for cleanup only, cannot remove casting lines/port material. No porting /polishing of any type on any internal parts.
14. Hoods and Belly pans may be changed or modified but must be well secured.
15. Seats may be altered but must be well secured.

**X Mod Open**  v2  4/5/19

This class is intended to be a builder’s class. Unlimited cc air cooled engines. Chassis and engine type do not need to match. Liquid sleds that already qualify for 500 mod may compete in this class as well.

1. Air cooled engines 1985 and older, originally designed as a snowmobile engine may compete, no cylinder or CC limit.
2. Liquid sleds that qualify for 500 mod can enter. 500 mod rules apply to them.
3. Any internal or external mods are allowed on air cooled engines.
4. Any aftermarket exhaust system allowed on air cooled engines.
5. Leaf Sprung 1985 or older chassis.
6. Chassis and Engine brand do not need to match.
7. Track lug 1 inch lug max.
8. Studding allowed, 3/8 above lug max
10. Any carbs, any size. No EFI
11. Any Ignition.
12. Seat must be firmly secured to chassis.
13. No alcohol fuel permitted.
14. Engine must be naturally aspirated.
15. Any drive clutch
16. Any driven clutch
17. Gears and drivers may be changed, chain case may be rolled.
18. Chassis mods allowed, anything deemed to be a safety issue will disqualify the sled.
19. Skis may be any commercially available aftermarket aluminum, plastic or steel ski. Leaf springs must be spring steel and functional.
Brakes may be upgraded and the location may be moved, shielding must be in place if the disc is moved to

(5) Fan Cooled 400 single 1985 and older v1 4/4/19
1985 and older sleds may compete. Fan cooled single cylinder engines 400cc and under.
Fan cooled single cylinder engine 400cc and under may compete

1. 1985 and older sleds / engines may compete. Must be OEM for model and year.
2. Drive clutch may be OEM or Comet 102 / 94c duster / powerblock
3. Driven clutch OEM
4. Brakes may be upgraded but must remain original mounting and mounting location.
5. Carbides allowed
7. Handlebars may be modified or replaced with any commercially available handlebar. Hooks may be added.
8. No programmable ignitions
9. Exhaust must be OEM for model without modification.
Any type or brand of replacement track may be used, ¾ lug max

(6) Air Cooled 340 twin 85 and older v2 4/18/19
1985 and older F/A or F/C models may compete. 340 cc free air or fan cooled engines only.

1. Air Cooled twin cylinder engine 340cc and under may compete.
2. 1985 and older sleds / engines may compete. Must be OEM for model and year.
3. Drive clutch may be OEM or Comet 102 / 94c duster / powerblocks
4. Driven clutch OEM
5. Brakes may be upgraded but must remain original mounting and mounting location.
6. Carbides allowed
7. Studs allowed 3/8 above track lug max
8. Handlebars may be modified or replaced with any commercially available handlebar. Hooks may be added.
9. No programmable ignitions
10. Exhaust must be OEM for model without modification.
11. Any type or brand of replacement track may be used, ¾ lug height max.
12. Ski spreaders allowed, 3 inch max.
13. Steel skis.
15. Float type carbs allowed / no flat slides, bore must be smaller than port.
16. Stock exhaust system
17. Stock ignition only.

(7) 50 Plus class   v3  4/26/19
To compete, the driver must be 50 years of age or older. Sled must be a 1975 or older model
year with a 440cc fan cooled engine or a 340cc Free Air engine to compete.

1. Fan cooled twin cylinder 440cc or a Free Air twin cylinder 340cc engine may compete.
2. 1975 and older sleds / engines may compete. Must be OEM for model and year.
3. Drive clutch may be OEM or Comet 94c duster / power block.
4. Driven clutch OEM
5. Brakes may be upgraded but must remain original mounting and mounting location.
6. Carbides allowed
7. No studs allowed
8. No internal or external engine modification allowed.
9. No programmable ignitions.
10. Exhaust must be OEM for model without modification.
11. Any type or brand of replacement track may be used, may have up to ¾ lug
12. Suspensions may be interchanged up to model year 1978.
13. Skis must be steel
14. No adjustable handlebars.
15. Seat must be stock appearing
16. Float type carbs allowed / no flat slides, bore must be smaller than port.
17. Ski spreaders allowed, 3 inch max

(8) 340 Air cooled Mod / Stock liquid cooled 340   v2  4/5/19
Mod air cooled engines / stock liquid engines. 340 cc max

1. 340 cc max
2. Air cooled engines may have any aftermarket exhaust system
3. Liquid cooled engines must run their stock unmodified single pipe exhaust system.
4. Leaf sprung chassis 1985 and older may compete.
5. Any drive or driven clutch
6. No EFI / must be naturally aspirated engines.
7. Any carb allowed
8. Engine brand must match chassis brand.
9. Any track, 1 inch lug max
10. Studding allowed, 3/8 max above track lug.
11. Carbides allowed.
12. Any internal or external engine modifications allowed on air cooled engines.
13. No internal or external modifications on liquid engines.
14. Any chaincase, any gears, any sprocket size
15. Skis may be any commercially available steel, plastic or aluminum ski of leaf spring design.
   Springs must be steel and functional.
16. Brakes may be upgraded and the location may be moved, shielding must be in place if disc is moved to the driveshaft.

(9) Women’s 440 v2 4/18/19
1985 and older sleds may compete. 440cc twin air cooled engines.

1. 1985 and older models may compete.
2. 440cc and under Twin cylinder engine displacement may compete.
3. Carbides allowed
4. Studs allowed, not required, 3/8 max above track lug
5. Any type or brand of replacement track may be used, max ¾ lug height.
6. OEM driven clutch.
7. Drive clutch must be OEM for model / make / year or Comet 102 / 94c or powerblock
8. Stock driven clutch
9. Brakes may be upgraded, mounting location must remain the same.
10. Handlebars may be modified or replaced with any commercially available handlebar. Hooks may be added
11. Ski spreaders allowed, 3 inch max.
12. Steel skis only.
14. Float type carbs allowed / no flatslide carbs, must be smaller than port.
15. Stock exhaust system.
16. Stock ignition system.

(10) YOUTH age 10-13 / 340 Fan Twin 75 or older v1 5/11/19
Youth class, 10-13 years of age.

1. Must be a production line model as a 1975 or earlier model
2. Over bore allowed
3. Stock Muffler for sleds
4. No reed or rotary valves
5. Stock Ignition only
6. Float type carb allowed
7. No studs / Carbides allowed
8. Parent / Legal Guardian: Youth under 18 years of age Parent or legal Guardian must be present to sign waiver.

(11) Elan / Spirit 335 v2 4/18/19
This class is for Elan or Spirit models. Engines may be changed up to 335 cc single. No 292 or 340 engines
1. Up to 335 cc Rotax single may compete.
2. No 292cc Rotax single or 250cc Rotax twin engines allowed.
3. Stock clutches drive and driven.
4. Slide rail or Bogie Elan / Spirit suspensions allowed.
5. Stock Steel Skis only.
6. HR carb or 34mm VM Mikuni allowed.
7. Point ignition only.
8. Stock exhaust systems only.
9. No internal / external engine modifications allowed.
11. Carbides allowed
13. Ski spreaders allowed, 3 inch max.

(12) Air Cooled 440 twin 85 and older v2 4/18/19

1. Air Cooled twin cylinder engine 440cc and under may compete.
2. 1985 and older sleds / engines may compete. Must be OEM for model and year.
3. Drive clutch may be OEM or Comet 102 / 94c duster / powerblock
4. Driven clutch OEM
5. Brakes may be upgraded but must remain original mounting and mounting location.
6. Carbides allowed
7. Studs allowed 3/8 above track lug
8. Handlebars may be modified or replaced with any commercially available handlebar. Hooks may be added.
9. No programmable ignitions
10. Exhaust must be OEM for model without modification.
11. Any type or brand of replacement track may be used, ¾ lug height max.
12. Ski spreaders allowed, 3 inch max.
13. Steel skis.
15. Float type carbs allowed / no flat slides, bore must be smaller than port.
16. Stock exhaust system
17. Stock ignition only

(13) HR Stock Single Cylinder v2 4/18/19

1. Must be a production line model offered to the public in 1973 and older with a fan cooled engine.
2. Example: Arctic Cat / Puma, Cheetah, Panther, Lynx with and 1973 or older Arctic Cat fan cooled engine. Ski Doo / NTN, Olympic, Elan with any HR port fan cooled engine 1973 and older.
3. Fan cooled engine only with HR port
4. Engine must be available for model year.
5. Example: Arctic Cat may run / Kohler, Sachs, JLO, Kawasaki or Hirth of any CC
6. Over boar allowed to .060
7. No Porting / stock ports
8. Stock carb or float type replacement will be allowed. NO flat slides, carb bore must be smaller than the port.
9. Stock muffler only.
10. Point ignition only, no CDI
11. No Reed or Rotary valves
12. Stock suspension only
13. Carbides allowed, 4 inch maximum carbide length.
14. Shocks are permitted on skis.
15. Stock secondary only.
16. Stock clutch or 94c Duster / Power block drive clutches are permitted.
17. ¾ inch lug track / stock length for model permitted.
18. Seat must be stock appearing
19. No adjustable handlebars
20. Skis must be steel
21. No studs.
22. Ski spreaders allowed, 3 inch max.

(14) 500 Air cooled Mod / Stock liquid cooled 500 v3 4/25/19

Mod air cooled engines / stock liquid engines. 500 cc max.

1. 500 cc max
2. Air cooled engines may have any aftermarket exhaust system
3. Liquid cooled engines must run their stock unmodified single pipe exhaust system.
4. Leaf sprung chassis 1985 and older may compete.
5. Any drive or driven clutch
6. No EFI / must be naturally aspirated engines.
7. Any carb allowed
8. Engine brand must match chassis brand.
9. Any track, 1 inch lug max
10. Studding allowed, 3/8 max above track lug.
11. Carbides allowed.
12. Any internal or external engine modifications allowed on air cooled engines.
13. No internal or external modifications on liquid engines.
14. Any chaincase, any gears, any sprocket size
15. Skis may be any commercially available steel, plastic or aluminum ski of leaf spring design. Springs must be steel and functional.
16. Brakes may be upgraded and the location may be moved, shielding must be in place if disc is moved to the driveshaft.

(15) HD Super Stock v1 4/4/19
1973 and older sleds may compete, no reed or rotary valve engines allowed. This class is for HR port engines.

1. 1973 and older chassis
2. 1973 and older single cylinder engine only. Brand must match chassis.
3. Over bore allowed
4. Any type stock muffler, no expansion chambers or tuned exhaust allowed.
5. No Reed or Rotary valves allowed
6. Point Ignition only, no CDI allowed
7. Float type carbs allowed / no flat slides
8. HR port sleds may enter this class
9. No studs allowed
10. Carbides allowed
11. Any type or brand replacement track may be used, ¾ lug max.
12. Suspensions may be interchanged up to model year 1978.
13. Stock Drive clutch or Power Block / Comet 94C duster may be used.
15. Steel skis only.
16. No adjustable handlebars.
17. Seat must be stock appearing.
18. Ski Spreadsers allowed, 3 inch max.

(16) YOUTH age 14-17 / 340 fan twin 75 or older   v1  5/11/19
Youth class, 14-17 years old.

1. Must be a production line model as a 1975 or earlier model
2. Over bore allowed
3. Stock Muffler for sleds
4. No reed or rotary valves
5. Stock Ignition only
6. Float type carb allowed
7. No studs / Carbides allowed
8. Parent / Legal Guardian: Youth under 18 years of age Parent or legal Guardian must be present to sign waiver

(17) Sno-Derby: 1975 and older 440 Fan cooled   v2 4/18/19
Sleds racing in this class must be 1975 model year and older to compete. The engine must be the original engine for make / model / year and it must be fan cooled and 440cc or less.

1. 1975 and older models may compete
2. 440cc and under twin cylinder engine displacement may compete.
3. No studs
4. Carbides allowed
5. No jackshaft models
6. Any brand replacement track allowed. ¾ lug max
7. Rear suspensions may be interchanged up to 1978
9. Stock drive clutch or Power Block / Comet 94c Duster
10. Spreader allowed, up to 3 inches max increase.
11. Steel skis only
12. No adjustable handlebars.
14. Float type carbs allowed / no flatslides, Bore must be smaller than port.
15. Stock exhaust system only.
16. Stock ignition system.
17. No Rotary or Reed engines

(18) 340 Mod / Air cooled Open Combo     v2 4/5/19
This combo class allows air cooled sleds 550 cc and under, with stock exhaust systems to race against 340 mod class sleds. Liquids that qualify for the 340 mod class may compete. 340 Mod class liquid guidelines apply for liquid sleds competing in this class.

340 mod rules
1. 340 cc max
2. Air cooled engines may have any aftermarket exhaust system
3. Liquid cooled engines must run their stock unmodified single pipe exhaust system.
4. Leaf sprung chassis 1985 and older may compete.
5. Any drive or driven clutch
6. No EFI / must be naturally aspirated engines.
7. Any carb allowed
8. Engine brand must match chassis brand.
9. Any track, 1 inch lug max
10. Studding allowed, 3/8 max above track lug.
11. Carbides allowed.
12. Any internal or external engine modifications allowed on air cooled engines.
13. No internal or external modifications on liquid engines.
14. Any chaincase, any gears, any sprocket size
15. Skis may be any commercially available steel, plastic or aluminum ski of leaf spring design. Springs must be steel and functional.
16. Brakes may be upgraded and the location may be moved, shielding must be in place if disc is moved to the driveshaft.

Air Cooled Open Rules
1. F/C or F/A engine 550cc and under may compete.
2. 1985 and older sleds / engines may compete, must be leaf sprung.
3. Drive clutch may be OEM or Comet 102 / 94c duster / powerblock
4. Driven clutch OEM
5. Brakes may be upgraded but must remain original mounting and mounting location.
6. Carbides allowed
7. studding allowed 3/8 above track lug max
8. Any Track 1 inch lug track max
9. Handlebars may be modified or replaced with any commercially available handlebar. Hooks may be added.
10. No programmable ignitions
11. Exhaust must be OEM for model without modification.
12. Internal Engine modifications allowed.
13. Any carb allowed, no EFI

Skis may be any commercially available steel, plastic or aluminum ski of leaf spring design. Springs must be steel and functional

(19) YOUTH age 10-13 / 340 Fan single 1985 and older

1. Leaf sprung / fan cooled single cylinder 340cc and under, 1985 model year and older.
2. Overboar allowed
3. Butterfly or slide type carbs allowed / no flatslides
4. No Reed or rotary valves, Must be a production model.
5. Stock muffler and pipe.
6. No programmable ignitions allowed
7. No studs / Carbides allowed.
8. Parent / Legal Guardian: Youth under 18 years of age Parent or legal Guardian must be present to sign waiver.

(20) 250 single Budget mod. Exhibition class

The intent of Budget mod 250 is to be an inexpensive, entry level Modified class. Engine and pipe modifications are allowed, and the drive clutch may be substituted for another type / brand to allow easier tuning. Chassis must remain stock.

1. Sleds that can compete are as follows; Arctic Cat Lynx 2000S, Ski Doo 250 Citation, Polaris 250 Colt, 250 Gemini, 250 Star, Yamaha Bravo, GP 246, Enticer 250.
2. Chassis must remain stock and original to model.
3. Suspensions must remain stock / original to model.
4. Hoods and seat may be altered.
5. Handlebars may be altered.
6. Brake may be altered or switched to hydraulic type brake.
7. Track may be replaced with an aftermarket track of same dimensions as OEM original. Lug height may be up to ½ inch.
8. Carbides are allowed / Studs are allowed. 3/8 above lug height max.
9. Any exhaust pipe is allowed.
10. Original Cylinder may be ported.
11. Original head may be cut.
12. Ignition must remain OEM for model.
13. Any Drive clutch is allowed. Driven clutch must remain OEM for model.
14. Drivers must remain OEM size and type. Chain case must remain OEM for model and must remain in the stock location. Gear changes are allowed.
15 Stock Carb or VM Mikuni allowed

(21) Fan Cooled Twin to 300cc

1985 and older fan cooled twins up to 300cc
1. 1985 and older models may compete
2. 300cc and under twin cylinder engine displacement may compete.
3. No studs
4. Carbides allowed
5. No jackshaft models
6. Any type or brand of replacement track may be used, ¾ lug max.
7. Suspensions may be interchanged up to model year 1985
8. OEM stock drive clutch or Powerblock / 94c duster
10. Steel skis only.
11. Stock appearing seat
12. Float type carburetors allowed, bore must be smaller than port.
13. Ski spreaders allowed, 3 inch max.

(22) Turner Stock Single v1 4/4/19
Sleds must be 73 or older production line models with single cylinder engines.

Sled must be a production line model, offered to the public.

a. Model year 1973 or older. No limited production or R&D models. Must be fan cooled.
b. Must have point ignition.
c. No performance kits.
d. Single tether cord – must be operational before, during and after the race.
e. Ski tips must be padded.
f. Snow flaps must be no higher than 1 “ off the ground
g. Cowling must be on sled at all times!

Motor Regulations

a. Engine must be 1973 or older fan-cooled, Available option chassis entered in race.
b. Carburetors must be original butterfly type
c. Exhaust must be stock and in original position.
d. Pistons are original or stock or replacement. Max - .060 oversize allowed. Stock stroke.

Chassis

a. Chain case and braking must be original.
b. If original track was cog driven than the replacement track must be cog driven
c. Skis are original or stock replacement. (No plastic or aluminum skis.)
d. Carbide runners are allowed.
e. 3 inch spreaders allowed each side.

Fuel Tanks
Must be original and in stock location.

Handle Bars

a. Must be original. May be reinforced but not extended or raised. Hooks are allowed. Max width of 29 inches.
b. Original throttle and brake controls.

Suspension
Must be original
**Track**

a. Original or stock replacement, Max ¾ of an inch lug height.
b. Replacement rubber tracks allowed with ¾ inch lug height Tracks may not be cut, trimmed or shaved. R tracks are allowed for rubber conversion (15" width only), must widen stock suspension, new suspension mounting holes may be added to accommodate moving skid in a new location.
c. Cleated replacement tracks are still allowed however cleats must be riveted on and cannot be sharpened or ends closed off.
d. No traction devices allowed.

**Drive Line**

a. Must be original. May change gear ratio, weights and springs
b. Clutch center to center must be stock. May change belts.
c. Clutch guards must be in place.
d. Original clutch or Comet 94-C clutch allowed

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(23) **250 Budget mod / 440 fan cooled combo** v1 6/22/19

Combo class between 250 budget mod class sleds and 440 twin stock 75 and older sleds. Sleds that qualify for either of these classes may compete together.

**250 Budget Mod rules**

1. Sleds that can compete are as follows; Arctic Cat Lynx 2000S, Ski Doo 250 Citation, Polaris 250 Colt, 250 Gemini, 250 Star, Yamaha Bravo, GP 246, Enticer 250.
2. Chassis must remain stock and original to model.
3. Suspensions must remain stock/ original to model.
4. Hoods and seat may be altered.
5. Handlebars may be altered.
6. Brake may be altered or switched to hydraulic type brake.
7. Track may be replaced with an aftermarket track of same dimensions as OEM original. Lug height may be up to ½ inch.
8. Carbides are allowed / Studs are allowed. 3/8 above lug height max.
9. Any exhaust pipe is allowed.
10. Original Cylinder may be ported.
11. Original head may be cut.
12. Ignition must remain OEM for model.
13. Any Drive clutch is allowed. Driven clutch must remain OEM for model.
14. Drivers must remain OEM size and type. Chain case must remain OEM for model and must remain in the stock location. Gear changes are allowed.
15 Stock Carb or VM Mikuni allowed.

**440 twin stock 75 and older**

1. 1975 and older models may compete
2. 440cc and under twin cylinder engine displacement may compete.
3. No studs
4. Carbides allowed
5. No jackshaft models
6. Any brand replacement track allowed. ¾ lug max
7. Rear suspensions may be interchanged up to 1978
9. Stock drive clutch or Power Block / Comet 94c Duster
10. Spreader allowed, up to 3 inches max increase.
11. Steel skis only
12. No adjustable handlebars.
14. Float type carbs allowed / no flatslides, Bore must be smaller than port.
15. Stock exhaust system only.
16. Stock ignition system.
17. No Rotary or Reed engines

(24) Outlaw Single  v1 4/4/19
1974 and older may compete, no reed, no jackshaft. Engine mods and exhaust mods are allowed.

1. Engine must be of air cooled / single cylinder design 1974 or older.
2. No reed engines.
3. No Jackshaft chassis.
4. Hood design must match chassis for OEM / model year used.
5. Any internal or external engine Mod allowed.
6. Must be naturally aspirated.
7. Any exhaust, silencer required.
9. Any drive or driven clutch
10. Brakes may be upgraded and moved to driveshaft, guards must be in place.
11. Skis may be steel, plastic or aluminum. Springs must be spring steel and functional.
12. Max ski width 40” with no offset.
ADDITIONAL CLASS - Lisbon Vintage Race Only

25) Elan/Spirit 300 cc

This class is for Elan or Spirit models. Eligible engines up to 300 cc single only 250-292-299 will be allowed.

1. Up to 300 cc Rotax single may compete.
2. Stock clutches drive and driven.
3. Slide rail or Bogie Elan / Spirit suspensions allowed.
4. Stock Steel Skis only.
5. Stock carb or float type replacement. NO flat sides.
6. Point ignition only.
7. Any stock type muffler.
8. No internal / external engine modifications allowed.
9. Handlebar mods allowed.
10. Carbides allowed
12. Ski spreaders allowed, 3 inch max.
## KIDS SECTION

Kids class race order 2020

### Lisbon Vintage Race

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### (1) 88 / 91 Yamaha Sno Scoot Stock

- **v1 5/9/19**

This class is for 1988 to 1991 Yamaha Sno Scoots. 5-12 year old kids may compete. Parent or guardian must sign the consent form for kids to compete.

2. No Carbides
3. No studs
4. No 125cc Sno Sport models allowed.
5. Clutch calibrations may be changed (amount of rollers)
6. Muffler/spark arrestor may be removed. Stock pipe must be used.

**Parents / legal Guardian:** Must be present at the race. One parent/guardian may be at the start line. No crew members allowed past the start line. Specific liability form must be signed on race day.

### (2) 120 Stock

- **v1 5/9/19**

120 stock is for kids 5-9 years old. Parent or guardian must sign the consent for kids to compete.

1. Can be any year or make, up to 120cc 4 stroke
2. Carbides allowed
3. No studs
4. Governor, Gear, Centrifugal clutch changes are permitted.
5. No Belt drive systems allowed.
6. Must have a chain guard.
7. **Parents / legal Guardian:** Must be present at the race. One parent/guardian may be at the start line. No crew members allowed past the start line. Specific liability form must be signed on race day.

### (3) Kitty Cat Stock

- **v2 5/11/19**

Stock Kitty Cat is for kids ages 4-9 years of age. Parent or Guardian must sign the consent form for kids to compete.

1. Any year Arctic Cat Kitty Cat may compete.
2. No studs or carbides allowed
3. Governors may be removed
4. Gearing may be changed.
5. No modifications other than Governors being removed and gearing changes may be made.
6. **Parents / legal Guardian:** Must be present at the race. One parent / guardian may be at the start line. No crew members allowed past the start line. Specific liability form must be signed on race day.

(4) **120 Improved stock v2 5/11/19**
120 Improved stock is for kids 6-10 years old. Parent or guardian must sign the consent for kids to compete.

1. Can be any year or make, up to 120cc 4 stroke
2. Engine must remain the original OEM engine for make / model.
3. Carbides allowed
4. Studs are allowed.
5. Governor, Gear, Centrifugal clutch changes are permitted.
6. Engine modifications are allowed.
7. Must have a chain guard.
8. **Parents / legal Guardian:** Must be present at the race. One parent / guardian may be at the start line. No crew members allowed past the start line. Specific liability form must be signed on race day.

(5) **ZR / Scoot 200 Stock v1 5/9/19**
ZR / Scoot 200 is for kids 5-9. Parent or guardian must sign the consent form for kids to compete.

1. Stock engine and chassis, no modifications allowed.
2. Governor, Gear and clutch calibration changes are permitted.
3. Drive and driven clutch must be OEM.
4. Carbides allowed
5. No studs
6. **Parents / legal Guardian:** Must be present at the race. One parent / guardian may be at the start line. No crew members allowed past the start line. Specific liability form must be signed on race day.

(6) **120 Mod v2 5/11/19**
120 Mod is for kids 6-10 years old. Parent or guardian must sign the consent form for kids to compete.

1. 4 stroke engine up to 206cc with 6500 RPM limit.
2. Studs allowed
3. Carbides allowed
4. Engine mods are permitted, must run on gasoline. No ethanol or exotic fuels allowed.
5. Any governor or clutch mods are permitted.
6. Chain guard must be in place.
7. **Parents / legal Guardian:** Must be present at the race. One parent / guardian may be at the start line. No crew members allowed past the start line. Specific liability form must be signed on race day.