



2021 XMR Oval Racing Rules

Note – yellow highlights are changes for 2021

Please read all rules to keep up to date

1. General rules for all classes:

- 1.1. There will be a minimum of 3 entries to make a class. If the class that you register for does not have enough entries, you may enter the next larger CC class
- 1.2. Working tail lights are not required, but they are highly recommended. (All glass or plastic lights need to be taped or removed to prevent shattering)
- 1.3. Qualified working Safety Tether Switch MUST be installed. (No homemade Safety Tether Switch's)
- 1.4. Snowmobile Clutch Guards - all sleds must have the clutch guard that covers the primary and secondary clutches. The Stock Clutch Guard is preferred. If homemade clutch guard is installed, it must cover both clutches and belt. More is better. If XMR officials feel a clutch guard is under sized, you must add more to be legal
- 1.5. Mod sleds must have an enclosed clutch guard with Kevlar belting covering the top of the clutch guard
- 1.6. Snowmobiles must have visible numbers on both sides of the hood preferably 8" in height and fluorescent colored
- 1.7. Studding on the center band of the track is allowed in all classes except barn find classes
- 1.8. Additional studding on the outer bands of the track will be allowed if there is a tunnel enclosure installed. (for super stock classes and mod classes) NO studs allowed for barn find classes
- 1.9. No exposed tracks, snow flap must be in place for all snowmobile racing classes
- 1.10. Any snowmobile with a track lug greater than 1" must tie down snow flap and snow flap must touch the ground when racer is on the snowmobile
- 1.11. Appeals: Any appeals to the point's postings must be done within 10 days after being posted
- 1.12. DNS (Did Not Start) & DNF (Did Not Finish) is defined as:
 - 1.12.1. Racers not coming to the starting line will receive a DNS. If a DNS occurs in any qualifying heat or main event, a racer will receive no points
 - 1.12.2. Racers will receive a DNF if they start the race but do not take the checkered flag. The racer that receives a DNF will receive last place points for that race regardless of whether the race is a qualifying heat or the main event
 - 1.12.3. Not checking in with score keeping after each race may result in a DNS and/or DNF
 - 1.12.4. If a mechanical failure occurs, racers can switch machines for the upcoming qualifying heat or main event
- 1.13. Stock class sleds may enter Super Stock and Super Mod if the motor size doesn't exceed the class limit
- 1.14. Super stock sleds may enter Super Mod if the motor size does not exceed the class limit



SNOWMOBILE RACING

1.15. Stock, super stock snowmobiles may update carburetors to round slide of same size as stock for year, make & model snowmobile

1.16. Stock, super stock snowmobiles may update drive clutch

1.17. Stock air intake / airbox systems are not required on stock and super stock snowmobiles

2. Driver Safety Equipment:

2.1. Wear of a full coverage D.O.T. or Snell Qualified Helmet is mandatory. The helmet needs to be primarily bright orange for visibility purposes. At a minimum the back of the helmet needs to be mostly orange. You can use orange duct tape if needed

2.2. The use of upper body protection equipment is mandatory. Qualified Snowmobile Tec Vests are highly recommended

2.3. Shin guards are recommended

2.4. XMR OFFICIALS WILL HAVE THE FINAL SAY WHEN IT COMES TO SAFTY OF DRIVERS AND RACE SNOWMOBILES

JR, Women's, Masters, Senior, Barn Find & Show Classes

1. Show Class, Show Sled

- All XMR qualifying snowmobiles may enter in this class
- NO contact class – NO bumping or contact in this class
- Free entry/ no points – 1st place trophy only

2. Junior Mini

- Free entry
- Age limit 10 and under
- 200 cc max

3. Junior – Sport 340

- 340 cc max
- Stock fan cooled, free air & liquid cooled sleds may enter this class
- Stock classic vintage & barn find snowmobiles qualify
- The use of studs in the center of the track and round ski carbides will be allowed

4. Junior - Expert

- 0-550 Stock Fan Cooled & 0-400cc Stock Free Air & liquid cooled sleds may enter into this class
- Stock classic, vintage & barn find snowmobiles qualify
- The use of studs in the center of the track and round ski carbides will be allowed

5. Women's Age 18 and Older

- 0-550 Stock & Super Stock Sleds may enter into this class
- Classics, vintage, super stock qualify. (No mod sleds)
- Studded and Non-Studded sleds will run in this class

6. Masters Age 50 and Older

- 0-550 Free air, Fan cooled and liquid cooled sleds all run in this class. (Stock and Super Stock only – No mod sleds)
- Leaf spring & classics
- Studded and Non-Studded sleds will run in this class



7. Seniors Age 60 and Older

- 0-550 Free air, Fan cooled and Liquid cooled sleds all run in this class. (Stock and Super Stock only – No mod sleds)
- Leaf spring & classics
- Studded and Non-Studded sleds will run in this class
- Drivers 50 and older can race in this class, providing they do not run in a Super Stock, Super Mod or Outlaw classes

8. Barn Find Vintage = leaf spring sleds

- 0-550
- No track studs allowed, NO ski carbides will be allowed
- XMR qualifying vintage snowmobiles will race in this class
- NO Mod Class Sled

9. Barn Find Classics = independent front suspension sleds

- 0-600
- No track studs allowed, round ski carbides will be allowed
- XMR qualifying classics snowmobiles will race in this class
- NO Mod Class Sleds

Stock Classes

10. Relic Trail & Single Cylinder (Vintage)

- 1975 or older Fan cooled, non-Jackshaft trail snowmobiles
- Any year stock single Cylinder Vintage snowmobiles
- 440cc and below twin Cylinder Vintage snowmobiles
- No factory race or limited build race sleds
- Updated Round slide carbs allowed
- Updated Primary clutch, (for safety)
- Leaf Spring sleds only
- The use of studs in the center of the track and round ski carbides will be allowed
- Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend
- No modification to cleats or ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handle bars, handle bars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width
- JR expert racers will be allowed to race in this class with qualifying Relic Trail/single cylinder snowmobile

11. 0-340 Stock

- Stock Liquid cooled, Free Air and Fan Cooled Sleds can enter into this class
- Leaf Spring only
- The use of studs in the center of the track and round ski carbides will be allowed
- Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend
- No modification to cleats or ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed



- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handlebars, handlebars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width
- JR expert racers will be allowed to race in this class with qualifying 340 snowmobile

12. 0-500 Fan Cooled Stock (Vintage)

- Fan cooled only
- Leaf Spring sleds only
- The use of studs in the center of the track and round ski carbides will be allowed
- Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend
- No modification to cleats or ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handlebars, handlebars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width

13. 0-500 Free Air Stock (Vintage)

- All Free Air sleds run in this class. (Fan Cooled Sleds 0-500cc may enter into this class)
- Leaf Spring only
- The use of studs in the center of the track and round ski carbides will be allowed
- Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend
- No modification to cleats or ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handlebars, handlebars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width

14. 0-500 Liquid Stock (Vintage)

- Liquid cooled sleds run in this class. (Stock Free Air and Fan Cooled Sleds can enter into this class)
- Leaf Spring only
- The use of studs in the center of the track and round ski carbides will be allowed
- Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend
- No modification to cleats or ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handlebars, handlebars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width



Super Stock Classes

15. 0-500 Fan Cooled Super Stock (Vintage)- Champion Class

- Fan cooled only
- Leaf spring chassis only
- Motor modifications (milling porting & boring) are allowed
- Maximum over bore allowable by stock sleeve
- NO use of larger displacement cylinders
- NO resleeving to oversized bore, NO stroker crank shafts
- The motor & pipe MUST appear 100% stock from the outside
- Must run OEM exhaust & ignition
- Any snowmobile brand OEM primary clutch allowed
- Any snowmobile brand OEM secondary clutch allowed. No roller secondary clutches allowed
- Stock metal Production skis, NO aftermarket race skis.
- Motor and chassis manufacture must match
- Track upgrades are allowed. Maximum lug height is 1.0"
- Engine casting numbers must be legible & not modified
- **No mod/race style seat and gas tanks. Any OEM snowmobile seat and gas tank is allowed**

16. 0-500 Free Air Super Stock (Vintage)

- All Free Air sleds run in this class (Fan Cooled Sleds 0-550cc can enter into this class)
- Leaf spring chassis only
- Motor modifications (milling porting & boring) are allowed
- Maximum over bore allowable by stock sleeve
- NO use of larger displacement cylinders
- NO resleeving to oversized bore, NO stroker crank shafts
- The motor & pipe MUST appear 100% stock from the outside
- Must run OEM exhaust & ignition
- Any snowmobile brand OEM primary clutch allowed
- Any snowmobile brand OEM secondary clutch allowed. No roller secondary clutches allowed
- Stock metal Production skis, NO aftermarket race skis
- Motor and chassis manufacture must match
- Track upgrades are allowed. Maximum lug height is 1.0"
- Engine casting numbers must be legible & not modified
- **No mod/race style seat and gas tanks. Any OEM snowmobile seat and gas tank is allowed**

17. 0-500 Liquid Super Stock (Vintage)

- Liquid cooled sleds all run in this class. (Free Airs and Fan Cooled Sleds can enter into this class)
- Leaf spring chassis only
- Motor modifications (milling porting & boring) are allowed
- Maximum over bore allowable by stock sleeve
- NO use of larger displacement cylinders
- NO resleeving to oversized bore, NO stroker crank shafts
- The motor & pipe MUST appear 100% stock from the outside
- Must run OEM exhaust & ignition
- Any snowmobile brand OEM primary clutch allowed
- Any snowmobile brand OEM secondary clutch allowed. No roller secondary clutches allowed
- Stock metal Production skis, NO aftermarket race skis
- Motor and chassis manufacture must match
- Track upgrades are allowed. Maximum lug height is 1.0"



- Engine casting numbers must be legible & not modified
- No mod/race style seat and gas tanks. Any OEM snowmobile seat and gas tank is allowed

Mod Classes

18. 0-340 Super Mod (Vintage)

- Free air, Fan cooled and liquid cooled sleds all run in this class
- The motor must be 1985 and older. Leaf springs only – No IFS chassis
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed
- Belt drive systems are not allowed
- The use of 1986 & newer cylinder & cylinder head will NOT be allowed
- Resleeving to max displacement of class is allowed
- You cannot resleeve a motor or stroke a motor past cc limit of class
- Engine casting numbers must be legible & not modified

19. 0-500 Super Mod (Vintage)

- Free air, Fan cooled and liquid cooled sleds all run in this class
- The motor must be 1985 and older. Leaf springs only – No IFS chassis
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed
- Belt drive systems are not allowed
- The use of 1986 & newer cylinder & cylinder head will NOT be allowed
- Resleeving to max displacement of class is allowed
- You cannot resleeve a motor or stroke a motor past cc limit of class
- Engine casting numbers must be legible & not modified

20. 0-500 Outlaw (Vintage)

- Free air, Fan cooled and Liquid cooled sleds all run in this class
- The motor may be classics class qualifying motors. 500cc & below. Leaf springs only – No IFS chassis.
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed
- Belt drive systems are allowed
- See classics class rules for engine options
- Engines newer than 1989 must run a single pipe
- (Call for clarification) 303.888.9378

21. 0-700 Outlaw (Vintage)

- Free air, Fan cooled and Liquid cooled sleds all run in this class
- Up 800cc 1989 and older motors allowed
- The motor may be classics class qualifying motors. 700cc & below. Leaf springs only – No IFS chassis.
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed



- Any ignition is allowed
- Belt drive systems are allowed
- See classics class rules for engine options
- (Call for clarification) 303.888.9378

Classics Classes

Classics class sleds are designated as:

- Yamaha – any Yamaha snowmobile with carburetors
 - Ski-Doo – any Ski-Doo with trailing arms 700cc and below
 - Polaris – any Polaris with trailing arms. NO Pro X, NO edge sleds. 700cc and below
 - Arctic Cat – No lay down motor sleds, NO Firecat, NO F-Series, NO M-series. 700 cc and below
- **Call for clarification if needed** 303.888.9378**

22. 0-550 Classics Stock– 550cc Max

- IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- IFS and Leaf Spring may race in this class
- The use of studs in the center of the track and round ski carbides will be allowed
- No modification to ski carbides
- No resleeving or larger displacement motor parts allowed
- No modification to engine or chassis over bore to what stock sled sleeve will allow
- No removing of stock parts or replacing of stock parts with aftermarket lightweight parts for weight reduction
- Performance enhancing engine parts not allowed
- Any bolt on OEM parts are allowed

23. 0-600 Classics Stock– 600cc Max

- IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- IFS and Leaf Spring may race in this class
- The use of studs in the center of the track and round ski carbides will be allowed
- No modification to ski carbides
- No resleeving or larger displacement motor parts allowed
- No modification to engine or chassis over bore to what stock sled sleeve will allow
- No removing of stock parts or replacing of stock parts with aftermarket lightweight parts for weight reduction
- Performance enhancing engine parts not allowed
- Any bolt on OEM parts are allowed

24. 0-700 Classics Stock– 700cc Max

- IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- IFS and Leaf Spring may race in this class
- The use of studs in the center of the track and round ski carbides will be allowed
- No modification to ski carbides
- No resleeving or larger displacement motor parts allowed
- No modification to engine or chassis over bore to what stock sled sleeve will allow
- No removing of stock parts or replacing of stock parts with aftermarket lightweight parts for weight reduction
- Performance enhancing engine parts not allowed
- Any bolt on OEM parts are allowed



SNOWMOBILE RACING

25. 0-500 Fan Cooled Mod

- IFS and vintage fan cooled sleds will run in this class
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed

26. 0-700cc Classics Mod – 700cc Classic Engine Max

- IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- Up 800cc 1989 and older motors allowed
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed



Classes:

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| 1) <u>Show Class, Show Sled</u> | <u>(All Qualifying XMR Oval Race Sleds)</u> |
| 2) <u>Junior Mini</u> | Mini |
| 3) <u>Junior Sport 340</u> | <u>(IFS and Leaf Spring)</u> |
| 4) <u>Junior Expert</u> | <u>(IFS and Leaf Spring)</u> |
| 5) <u>Women's Age 18 and Older</u> | <u>(IFS and Leaf Spring)</u> |
| 6) <u>Masters Age 50 and Older</u> | <u>(IFS and Leaf Spring)</u> |
| 7) <u>Seniors Age 60 and Older</u> | <u>(IFS and Leaf Spring)</u> |
| 8) <u>Barn Find Vintage</u> | (Leaf Spring) |
| 9) <u>Barn find Classic</u> | <u>(Classic IFS and Leaf Spring)</u> |
| 10) <u>Relic Trail/Single Cylinder (Vintage)</u> | (Leaf Spring) |
| 11) <u>0-340 Stock</u> | (Leaf Spring) |
| 12) <u>0-500 Fan Cooled Stock (Vintage)</u> | <u>(Leaf Spring)</u> |
| 13) <u>0-500 Free Air Stock (Vintage)</u> | <u>(Leaf Spring)</u> |
| 14) <u>0-500 Liquid Stock (Vintage)</u> | <u>(Leaf Spring)</u> |
| 15) <u>0-500 Fan Cooled Super Stock (Vintage) Champion Class</u> | <u>(Leaf Spring)</u> |
| 16) <u>0-500 Free Air Super Stock (Vintage)</u> | <u>(Leaf Spring)</u> |
| 17) <u>0-500 Liquid Super Stock (Vintage)</u> | <u>(Leaf Spring)</u> |
| 18) <u>0-340 Super Mod (Vintage)</u> | <u>(Leaf Spring)</u> |
| 19) <u>0-500 Super Mod (Vintage)</u> | <u>(Leaf Spring)</u> |
| 20) <u>0- 500 Outlaw (Vintage)</u> | <u>(Leaf Spring)</u> |
| 21) <u>0-700 Outlaw (Vintage)</u> | <u>(Leaf Spring)</u> |
| 22) <u>0-500 Classics Stock – 550cc Max</u> | <u>(IFS and Leaf Spring)</u> |
| 23) <u>0-600 Classics Stock – 600cc Max</u> | <u>(IFS and Leaf Spring)</u> |
| 24) <u>0-700 Classics Stock – 700cc Max</u> | <u>(IFS and Leaf Spring)</u> |
| 25) <u>0-500 Fan Cooled Mod</u> | <u>(IFS and Leaf Spring)</u> |
| 26) <u>0-700cc Classics Mod – 700cc Classic Engine Max</u> | <u>(IFS and Leaf Spring)</u> |