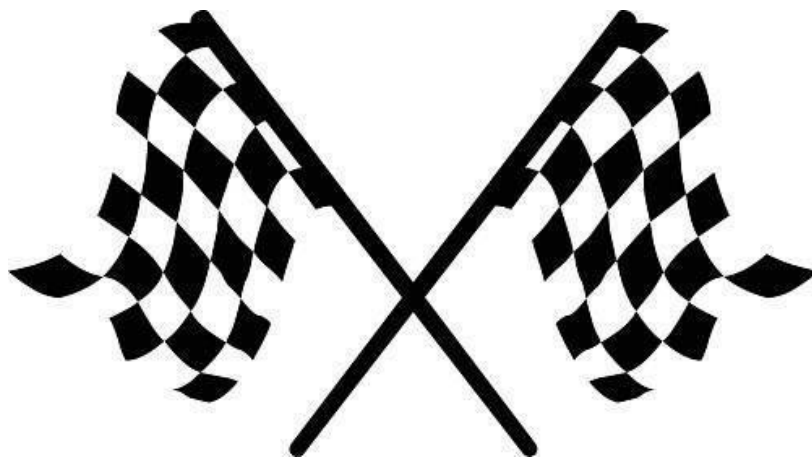




2021 KC PRO-East Handbook

For youth ages 4-through age 16



Welcome to KCPRO, which stands for Kids Championship Power Racing Organization.

KCPRO is a non-profit organization that has been around since 1991. KCPRO races are intended for fun only! It is entertainment and enjoyment for everyone in the family. We encourage good sportsmanship between parents and racers as well as anyone involved in the group.

We are looking forward to another great season of racing and with everyone's involvement that will happen. We have a complete set of rules and we have technical officials at the races to keep our racing fair and most importantly; SAFE. Before every race there will be a driver's meeting conducted by our President and Race Director to review and explain the rules, safety, flags, track, etc. If you have questions or concerns, please talk to an officer or technical official.

You must be a KCPRO-East member to accumulate any points or have voting privileges on club issues throughout the season.

2021 Board

President- Adam Gruba 218-349-3832
Vice President- Brad Larsen 218-341-1579
Secretaries – Shawntel Gruba
Tabetha Gramberg
Treasurer: Katie Hagglund
Race Director- Andrew Hagglund 218-393-6694
Tech Director- Joe DeRosia 218-391-0040

2021 Officers

Safety Technicians: Matt H., Tim S, Steve, Brenda K, Rob
L, & Zach M

2021 Committee Positions

Lap Counter: Hilary Emerson
Backup Lap Counter: Shawntel Gruba
Back up Race Directors: Doug Cramer
Flag Man: Cody Cramer
Photographs/Yearbook: Holli D, Chantel M., Kelly L, Tara
L., Amber R., Hatie H.

Amateur Kitty Cat*	Beginner 120*	Jr Novice 1*
Stock Kitty Cat*	Amateur 120*	Jr Novice 2*
Vintage Kitty Cat	Stock 120*	
	Stock 200	
Improved Kitty Cat*	Semi-Pro 206 *	
F-1 Chain	Spec 206*	
F-1 Belt	Super stock 120*	
	Improved 120*	
F-III	Pro Stock 120	
	Champ 120*	

*classes typically raced by KCPRO-East

Note: generally lower classes are upgradeable, as long as the speed differential is not so great that it creates a safety concern, e.g. F-1 Chain sleds can compete in F-1 Belt class, Superstock 120 can compete in Improved 120, ProStock can compete in Champ. We do allow a sled change up to stock class in between heats. Sled change can not happen in the middle of a race. Sled must run consi to be in feature. Sled does not have to run in heat race.

Membership fees for returning members are \$200.00 if paid by December 15th. After that they are \$250.00 per family per year. (See memberships form on website) Membership includes reduced race fees, one end of season yearbook and end of season banquet with racer gifts. Typical race day entry fees for each member racer are \$16.00 for each class. Non-member fees for each racer are \$22.50 for each class raced.

All paid members, all parents, and racers will also sign a code of conduct with their registration form. Awards will be given to the top three places in specific classes. There will also be participation awards for those that did not make the top 3.

KCPRO-East has a website at www.kcproeast.com which is our main information site and is updated often to inform you of upcoming races, starting times, directions, etc. If you have any thing you would like included on the website, contact us at kcproeast@gmail.com or kcprosecretary@yahoo.com.

Also, most of our correspondence through the race season will be done via email; if you do not have access to email or if you'd prefer to be contacted in a different manner, please let us know by contacting any of the officers. Please also use our FACEBOOK page for other information as well.

There will be a year-end banquet following the racing season. The is usually held within a month after the season ends. This is a fun weekend for the kids as far as prizes, games, and trophies. For parents, we will hold our annual silent auction which is our largest single fundraiser of the year, so start looking for donations (anything large or small) for this event. Also, the Spring Member meeting will be held that Saturday of the banquet weekend and will include officer elections for the next year. Good luck to all our racers; let's have an awesome season!

TYPICAL RACE DAY

8:00 – 9:00 Registration

You will find the Registration sign at the track on the designated trailer. Each parent must sign in and sign a waiver before child can race.

8:30 – 9:30 Safety Tech & Hot Laps

Must pass safety tech prior to hot laps. You will find bring your sled to tech area prior to entering race track. Tech trailer is marked with checkered flag. All safety techs will report here from 8:30-9:30.

9:45 – 10:00 Drivers Meeting

(Drivers, kids, and parents MUST attend)

10:00 Racing Begins

3:30 End of Race Day

No one leaves the track till everything is cleaned up. All kids and parents are to help.

Awards Banquet held at local venue following clean up

GENERAL RULES FOR ALL CLASSES

(This is an abbreviation – please refer to ISR Rulebook for complete rules)

- 1) SAFETY (See General Rules – ISR)
 - a) Helmets, goggles or shields, ISR-approved chest protectors (see ISR Yearbook) – General Rules and Regulations – Driver Protective Equipment), over the knee shin guards, and over the ankle boots are required.
 - b) Racer must have a working tether cord attached to them while racing.
 - c) Functional brakes are mandatory.
 - d) Chain and clutch guards are mandatory.
 - e) Heim joints may be used on steering arms for better control.
 - f) Gas tank venting is mandatory.
 - g) Ski loops are mandatory
 - h) Racer must wear safety orange with a 12"x12" minimum.

- i) It is MANDATORY that the driver's helmet must be a minimum of 75% international or blaze orange.
- 2) FUEL:
- a) No alcohol allowed. Fuel may be checked to meet I.S.R. rules.
 - b) No oxygenated fuels (commonly known as ethanol) allowed. If you are not sure about your fuel have it tested before you race.
- 3) STAGING AREA:
- a) The staging area will be near the entrance to the track. Only driver and one adult in this area. This is not an area to work on your sled.
 - b) Make sure your racer is at the staging area **prior** to his or her race; this helps the event run smoothly. **Once sleds are at the line a 2-minute rule will be in effect.**
 - c) A posting is put up at the staging area for all races. Please check board frequently to see where your racer is; things can change throughout the day.
 - d) A minimum of three racers will be pulled from each heat to advance to the next round of racing.
 - e) A round-robin race format will be used when there are more than two heats (12 racers) in a class.
 - f) Parents are encouraged to assist in getting their racer to the starting line, **but must be off the track before the race will start.**
 - g) A track stand is required
- 4) INSPECTION/TECHING:
- a) The tech officials may call a pre-race tech inspection at a designated time prior to the start of racing.
 - b) A tech inspection following the race may take place to tear down a sled to see if it is legal. If found illegal, the **racer will be awarded last points for that race.**
 - c) Pre-teaching: For every race, brakes, tether switch, and throttle will be checked. Gas and stud length could also be checked.
- 5) RESTARTS:
- a) The flag person will restart the race if all racers do not clear turn two of the first lap. Turn two is marked by a large orange cone.
 - b) If the race needs to be restarted after the completion of the first lap, it will be done as a staggered start. Line-up will be determined by the position of the racers on the previous lap.
 - c) If there are two or more racers involved in a crash the race will be red flagged and restarted. If a racer is disabled alone, he/she will be pulled off to the side of the track. If track help cannot get them going again, the racer must sit and wait until the heat is complete. Any crash in F-1s, Improved 120, Pro 206, Sprint 120, ProStock 120, Champ 120, or the 340 classes will be red flagged.
 - d) No pushing or shoving. The inside machine has the line. Racers are required to drive safely and in a manner that displays good sportsmanship.
 - e) If a racer causes the race to be restarted more than once due to excessive pushing, they may be placed in a second row or asked to put their hands on their helmet when restarting the race.
 - f) Five minutes will be allowed to repair a sled before or after the race starts.
 - g) Parents, racers, spectators, etc. must remain off the track and snow barrier while a race is underway.
- 6) POINTS SYSTEM:
- a) You must be a **KCPRO member** to accumulate year end points.
 - b) Lowest pointed week for each class will be dropped in the year-end calculation of points for each individual pointed class. DQ's can not be dropped.
 - c) One point will be awarded in each class that the racer has paid for and attempted to race and will be in addition to actual race points. (If the driver and sled are at the starting line for the green flag, it is an "attempt.")

Point standing in all classes will be calculated as follows:

Final: 1st = 17	Consolation: 1st = 11	Participant: 7 th = 5
2nd = 16	2nd = 10	8 th = 4
3rd = 15	3rd = 9	9 th = 3
4th = 14	4th = 8	10 th = 2
5th = 13	5th = 7	11 th = 1
6th = 12	6th = 6	12 th = 0

1) RACE LOCATIONS:

- a) All races will be held on ice surfaces, both land and water.
- b) Races will be held within a 2 hour radius of KCPRO-East's region; Cherry, MN unless race dates for the season can not be filled
- c) Most events will be held on Saturdays.

2) REGISTRATION:

- a) Yearly membership is \$80.00 if paid before December 15th and \$120.00 after per family. KCPRO **must** have a copy of each child's birth certificate for each member and an ISR number.

3) TIME:

- a) Registration is from 8am to 9am. Racing begins at 10:00. Times may vary due to circumstances, ex. Weather, location, etc.
- b) Pre-registration: Advance registration is required via Raceday on the website. ***If you do not register your classes by the specified weekly deadline, you will pay a penalty fee for each class.***

4) WEATHER ADVISORY:

- a) Board officials will consider canceling the race when the wind chill is minus 20 degrees F or below. These sorts of temperatures are not safe or fair to our kids. Being able to race and play safely is our number one priority.

5) RACE FEES:

- a) Members = \$16.00 per class
- b) NON-Members = \$22.50 per class
 - i) These fees are for each racer.
 - ii) Fees typically are increased for Special Events like Northern Nationals

6) ISR LICENSE:

- a) All racers must have an ISR License in order to race please check out ISR website to get an annual license or contact a board member with questions.

*The following section outlines some basic rules of each class.
Consult the ISR Rulebook for complete rules.*

-KITTY CAT RACING-

One thing to watch for when buying used kitty cats or parts make sure they meet Stock specifications. Some changes may have been made that could lead to disqualification.

BE CAREFUL!

-AMATEUR KITTY CAT-

1. Eligible ages are from 4-12.
2. All Stock class rules apply to Amateur class.
3. **If a racer enters the Super Stock or Improved Stock or F-1 classes and above they are no longer eligible to race in the Amateur class.**
4. **If a racer wins Championship Points (1st) in one year, they are no longer eligible to race in the Amateur class.**

-STOCK KITTY CAT- 1.

Eligible ages are from 4-14.

2. Any year Kitty Cat chassis is eligible.
3. All original parts must be in place and intact.
4. All engines must be factory stock with no modifications of any kind.
5. Brakes must be operational at all times.

-IMPROVED STOCK

The Improved Stock class is a faster class for the more experienced Kitty Cat racers and takes only a gear change to prepare the Stock Kitty Cat to enter.

1. Eligible ages are 5-14 with one year race experience.
2. All stock class rules apply.
3. Stock OEM drive clutch (Max Torque brand, 11 tooth) and stock clutch engagement RPM must be maintained.
4. Handlebars may be altered.

-FORMULA 1-

1. Eligible ages are from 7-14 with one-year race experience.
2. There will be two F-1 classes; a Belt Drive class and a Chain Drive class. The chain drive sleds will be permitted to enter the belt drive class but belt drives will not be permitted in the chain drive class.
3. No cleated tracks allowed.

-120/4 STROKE RACING- ELIGIBLE SNOWMOBILES

All 120 classes must have a working Rev-Limiter !

Arctic Cat Z120/Sno Pro
Bombardier Mini Z
Polaris XC/XCR 120
Yamaha SRX 120

-BEGINNER 120-

1. Eligible ages are 4-5 year olds.
2. All other stock class rules apply.

-AMATEUR STOCK 120-

1. Eligible ages are 4-12 years.
2. If a racer wins five Amateur finals in one year, they are no longer eligible to race in the Amateur class.
3. **If a racer enters the Super Stock or Improved Stock or F-1 classes** they are no longer eligible to race in the Amateur class.

If a racer wins Championship Points (1st) in one year, they are no longer eligible to race in the Amateur class.

-STOCK 120-

The snowmobile must have original OEM, or factory designated replacement, engine, hood, track, skis, frame, cowl, gas tank, carburetion, air box, suspension, and clutch supplied by the manufacturer for the particular model.

1. Eligible ages are 4-14 years.

-STOCK 200-

The snowmobile must have original OEM, or factory designated replacement, engine, hood, track, skis, frame, cowl, gas tank, carburetion, air box, suspension, rev limiter, exhaust and clutch supplied by the manufacturer for the particular model.

1. Eligible ages are 6-12 years.

-SUPER STOCK-

1. Eligible ages are 6-14 years with one year race experience.
2. Same rules apply as Stock with the exception of: Driven Gear change only, 32 tooth gear for all sleds

-IMPROVED STOCK 120-

1. Eligible ages are 6-14 with one year race experience.

DRIVE-

1. Gear ratio may be changed.
2. Clutch may be replaced with aftermarket clutch of the same basic centrifugal design. No variable ratio systems allowed. STOCK CLASS RULES APPLY IN ALL OTHER SECTIONS.

-IMPROVED STOCK 200-

1. Eligible ages are 7-14 with one year race experience.

ENGINE-

1. Yamaha OEM engine upgrade kit (head and carb) will be allowed. STOCK CLASS RULES APPLY IN ALL OTHER SECTIONS.

-SPRINT 120-

1. Eligible ages are 7-14 years with one year race experience.
2. Modifications allowed in lower 120 classes are allowed in Sprint 120 class, combined with Champ 120 engine rules for model raced.

-CHAMP 120-

1. Eligible ages are 7-14 years with one year race experience. *
2. Modifications allowed in other 120 classes are allowed in Champ 120 class.
Along with Champ 120 engine rules for model raced.

-SEMI-PRO 206- 1.

- Eligible ages are 7-14 with one year race experience.
2. Stock 120 chassis with a Briggs & Stratton L.O.206 engine.
 3. Stock clutch with a 32-tooth driven gear.

-PRO 206- 1.

- Eligible ages are 7-14 with one year race experience.
1. Stock 120 chassis with a Briggs & Stratton L.O.206 engine.
 2. Clutch may be replaced with aftermarket clutch of the same basic centrifugal design. No variable ratio systems allowed.
 3. Any gear ratio allowed.

-JR STOCK 1-

1. Eligible ages are 10-12
2. Snowmobile must not exceed 40 mph while racing (verified via radar gun.)

-JR STOCK 2-

1. Eligible ages are 13-17
2. Snowmobile must not exceed 40 mph while racing (verified via radar gun.)

* Eligible ages are what KCPRO East has a general standard. The Race Director along with other officers will decide if a younger racer is in a higher class. Racing is off experience and know how.

*All events with 7-11 racers will use LCQ (Last Chance Qualifying) format

* Sled must leave the race line under its own power in heat race to be awarded points/trophy