

# **MIHSC**

## **2025 RULES**

### **OFFICERS**

**Chairman: Jeff Lappe  
Scorekeeper: Debbie Porter  
Webmaster: Nathan Woerheide**

## **PURPOSE AND ORGANIZATION**

The purpose of the Missouri Hare Scrambles Championship (MHSC) is to develop a system of competitive motorcycle hare scrambles in Missouri, whereby a point accumulation process will determine awards for overall and all classes. Each season is a full calendar year.

The organization of the MHSC will consist of a Chairman, Vice Chairman/Treasurer, Secretary, Scorekeeper & one (1) representative from each sponsoring club. The four (4) officers will be elected for two (2) year terms. The Chairman and Secretary are to be elected on alternate years from the two (2) other officers. During the season the Chairman's decision can only be overruled by a unanimous vote of the other (3) officers except for protests.

## **MEETINGS**

- 1- There will be an annual meeting prior to the start of each season. At this meeting existing rules will be reviewed and necessary changes will be made that are in the best interests of the MHSC. The race schedule, race promoter and race location will be established for the next season.
- 2- A MHSC Representative meeting can be called by the Chairman or the Vice Chairman. All sponsoring clubs must be notified about the meeting.
- 3- The meeting consists of the sponsoring clubs/promoters, Rider Representatives, and all of the current officers. Each club/promoter, Rider Representatives, and officers will get one vote each. The acting Chairman will vote in case of a tie.
- 4- A quorum will consist of 70% of the sponsoring clubs.

## **FINANCIAL**

- 1- Expenses for the operation of the series shall be derived from an assessment on each entry in each sponsoring club's/promoter's Hare Scramble. All revenue derived shall be expended for the operation of the series and there will be no wages, salaries, nor any form of remuneration paid to any person for any duties. The Treasurer will provide a Financial Report at the annual meeting.
- 2- Gate Fees: 12 years of age and under \$5; age 13 and older \$10.
- 3- Entry fees are to be \$45 for big bikes, AA/Expert riders will be \$55 with minimum pro payout 300/200/100 paid by the promoter. All Youth/Pee Wee class entry fees will be \$25 per rider.
- 4- The promoter will pay \$6 for each entry into the MHSC fund at the end of each race day. Payment is made to the Treasurer, Chairman or Scorekeeper.

- 5- There is a \$3 charge per rider for all classes for special purposes and will also be paid to MHSC on race day, with no maximum.
- 6- There will be a \$100 charge, per event, for all sponsoring clubs/promoters to be paid at the annual meeting. This fee must be paid even if the sponsoring club/promoter plans to sit out that race season to maintain their drawing order.

## **SCORE KEEPING**

- 1- The number of dropped races will be 1 for 1-8 races and 2 for 9-16 races.
- 2- All riders wishing to obtain MHSC points must request an MHSC number. That number is used to identify the rider for the entire season. Every rider will be scored at every race, regardless of whether they have an assigned MHSC number.
- 3- In the event of an end of year tie in total points, the tie will be broken by first determining which rider had the higher number of first place finishes for the entire year. If a tie still exists then the higher- number of second place finishes for the entire year will be used and so forth until the tie is resolved.
- 4- If a rider wishes to change classes at any point in time during the season, he or she may not carry any previous points into a new class. But with permission, their times will be moved as if they were in that class.
- 5- Scoring for the individuals who work an event will be as follows: The riders best 5 scores will be totaled and divided by five, rounded to the nearest whole number. This result will give one score (a work average). The rider must be present and work on the day of the race, or have approval in advance, from the promoter and officers, to receive a work average. Non-club members wishing to earn a work average must make arrangements with the sponsoring club not less than two weeks prior to the race date. It is up to the discretion of the promoter and MHSC officers, as to whether a work average is to be awarded for special circumstances to an individual, within 24 hours of the race end.
- 6- The sponsoring club/promoter will create a list of individuals scheduled to have a work average and provide it to the Scorekeeper prior to the beginning of sign-up on the day of the race.
- 7- Riders wishing to be scored must complete a lap of the race course. A rider that does not complete a full lap will not be scored for that lap. A rider that does not complete any laps of the race course will not receive a score (DNF).
- 8- It is the racers responsibility to keep track of their points. Scores and work average points will not be changed or added after 4 days of the posted results.

9- If a racer is helping with the organization of a race, that race should be the work average for him/her. The work average must be applied to the race that he/she helped with.

10-A Trail Rider (Beginner) class is offered. It is a non-competitive no points no awards class. It is a class for first-time new riders to get seat time. It is a class for riders who do not plan on racing the season competitively; they just want to ride the course.

11- A racer is only allowed one paid entry per course (designated by colored arrows) per race day. For example, a Youth 85A racer (blue arrows) can also pay an additional entry fee and race Junior class (red arrows.) But, a Trail Rider class racer (red arrows) can't also race the C Adv class (red arrows).

## POINT STRUCTURE

### OVERALL POINTS:

### CLASS POINTS:

1ST	24	11TH	11		1ST	22	11TH	10
2ND	22	12TH	10		2ND	20	12TH	9
3RD	20	13TH	9		3RD	18	13TH	8
4TH	18	14TH	8		4TH	17	14TH	7
5TH	17	15TH	7		5TH	16	15TH	6
6TH	16	16TH	6		6TH	15	16TH	5
7TH	15	17TH	5		7TH	14	17TH	4
8TH	14	18TH	4		8TH	13	18TH	3
9TH	13	19TH	3		9TH	12	19TH	2
10TH	12	20TH	2		10TH	11	20TH	1

## EVENT INFORMATION

- 1- Hare Scramble tracks are required to have a minimum lap length of 7 miles with a recommended minimum length of 9 miles. (A pro should not complete a lap in less than 18 minutes).
- 2- Pee Wee course(s) should consist of easy terrain and will not share, or cross any of the big bike course. It should be close to the pit and scoring area and if possible, an even easier and shorter course should be provided for the Pee Wee 50cc classes.
- 3- The scoring trailer and scoring lanes will be placed at the start of the pit lane.

4- **Sign up** will be from 6:30 a.m. – 11:30 a.m.

**Big Bike Practice** 7:00 a.m. – 9:00 a.m.

8:00 a.m. – **All Youth 14 & Under classes**

One parade lap then line-up to start race;

30-minute race follow blue arrows

9:00 a.m. - **Pee Wee 8 & Under A, B, C, and 6 & Under**

One parade lap then line-up to start race;

30-minute race follow green arrows

10:00 a.m. – **Women’s, Juniors, Trail Rider and All C Classes except C Advanced**

Ride the full red arrowed course for 1:20.

**Big Bike Riders meeting** will be at 12:00 p.m., if needed

**Big Bike Race will start at 12:30 p.m.** – AA/Expert, all A Classes, and all B classes, C Advanced and Master Adv 60+ classes race for 2 hours on Red arrowed course.

5-Youth/Pee Wee riders meeting will be held at the starting line. The race will begin after completion of one parade lap. If track conditions warrant it, the Chairman can eliminate the parade lap.

6 – Youth/Pee Wee corrals will be set up by the promoter for ease of instruction on practice and race start.

7- Studded tires will not be allowed at any MHSC event.

8- Every racer’s lap time must be recorded. Each racer’s finish time must be recorded in minutes and seconds. This is accomplished by the use of RFID that is placed in the racer’s helmet. These can be purchased for \$10 at the scoring trailer. .

7- For the Big Bike race, the 2-hour time clock starts when the 1<sup>st</sup> row of racers starts. Not when your row takes off. A countdown clock will be in scoring, this is everyone's 2-hour race time.

10 -A checkered flag will be out to end the race.

11 - All riders must stop at all checkpoints. Checkpoints should be placed in slow sections.

12- The finish line should be clearly marked before the scoring lanes.

13- Score boards will be posted for riders viewing upon completion of each race. There will be a five-minute protest period after the race results are posted. Results will be final unless protested during that five-minute period. A warning time will be given.

14-The start of each race will be a dead engine, rider on or off the bike. The starter will use a large card with a number 30 and 15 on it. This means 30 and 15 seconds or less remaining before the start of the race. He will drop the card for the start. Youth classes are dead engine start. Pee Wee 8 and Under A,B,C and 6 and Under are live engine starts, and will only get a 15 second card to start.

15-Youth class is a dead engine start. No parent may assist the rider by holding or pushing the bike.

16-Pee Wee 6 and Under Class parents can lend assistance by holding the bike.

17-The promoter can penalize any rider for being more than twenty-five (25) feet off the marked course.

18-All riders must stay between any double arrow markings on the course. Double arrow rule means two arrows on each of two opposing trees or posts, pointing inward at each other, or angled downward at the trail. Any more, or less, than two arrows on either tree or post voids the rule.

19-Any rider deemed to be cheating will be disqualified from the race and will not receive any points for the race.

20-The race officially begins for the rider when the race starter drops the 15 second card for their row. Once a rider's bike crosses the starting line, they are prohibited from switching to a different bike for the remainder of the race. If they do switch, they are disqualified, and no (0) points are awarded for any laps completed.

21-If a rider's bike breaks down during the race, they are not permitted to return to the race on a different bike. However, if the bike is repaired, the rider may return to the race. Any rider who returns on a different bike will be disqualified, and no (0) points will be awarded for any laps completed.

22-The starting order of each race will be as follows. See pages 9 & 10 CLASS INFORMATION, START ROW column.

23-All Riders All Classes starting on the wrong line will be penalized 5 minutes.

24-Bike numbers are to be displayed on all three number plates on the rider's bike. Numbered stickers are available at the scoring trailer for \$5.00 per set.

25-AA/Experts to display their respective number (overall finishing place from previous year) on their number plates. 1-10 overall should be AA, 11-40 overall should be in an A class. Exceptions may be made according to rider capability and the number of pros that are competing. Also, a majority vote from affected racers will be taken into consideration.

26-Verbal and physical abuse between riders and/or crew members will not be tolerated. While a certain amount of rubbing is expected in racing, intentionally ramming, t-boning, or any other takeout move is unacceptable. Any such conduct will result in an immediate disqualification from the event. If a rider is involved in such behavior on a second occasion, all points earned to-date will be lost. If there is yet a third occurrence, the rider will be removed from the series altogether.

27-Parents are NOT allowed to ride or walk on the Youth/Pee Wee course during the race. NO BICYCLES on any arrowed course. Designated race sweepers allowed on an arrowed course only.

## **AGE RESTRICTION**

1 -Juniors are limited to 16 years of age and younger. Maximum wheel size of 19 inches, and 0-112cc (2-stroke) or 0-150cc (4-stroke). Age is determined as age at the start of the season.

2 -Maximum age for a Youth rider is 14 years. Age is determined as age at the start of the season.

## **GENERAL INFORMATION – RACE CLUB/PROMOTERS**

1- There should be a sweep crew during and after each MHSC race. The “All Clear” message should be given to the scorekeeper after the final sweep of the race course.

2- Toilet facilities should be provided at each race location, with a minimum of 4 toilets, with paper refilled if needed. Please do so for the consideration of all riders, and spectators.

3- MHSC races must be within the state of Missouri. Co-sanctioned events are allowed with the following conditions: use the MHSC classes, and MotoTally scoring is used. The scores of non-MHSC racers will be removed from the MHSC results when determining race finishing order and point allotment. No ATV’s can race on Sundays. ATV’s must race on separate courses on the property.

4- If a race is not held as scheduled, it should be clarified at that time as to whether it is postponed or canceled.

5- If a race is postponed the promoter has 30 days to reschedule. The new date must be before Thanksgiving. The date must be approved by the Chairman and all promoting clubs must be called to ensure it is a free date.

6- There is a set maximum of 16 events in one season.

- 7- Courses are to be properly marked for direction and safety, with arrows, danger, wrong way, ribbon, and mile markers.
- 8- Awards will be given to ALL Pee Wee riders. Top 5 of Youth and Big Bike classes are awarded .
- 9- Promoters shall provide an EMT, or a trained, certified medical professional at their race. Appointed and dedicated, stationed near the scoring trailer.
- 10- If a motocross track is to be included in the course, any big jumps should be diverted or altered to make it safe for woods riders, (put a log just before the face of a triple). Any jumps for Youth/Pee Wee's are prohibited.



# CLASS INFORMATION

## 8:00 AM START TIME

CLASS	NUMBERS	START ROW	DESCRIPTION
Youth 14 & Under 85 A	1-50	1	19" Max Front Wheel Max 112cc (2t)/Max 150cc (4t)
Youth 14 & Under 85B	100-150	2	19" Max Front Wheel Max 112cc (2t)/Max 150cc (4t)
Youth 14 & Under 65 A	200-250	3	Max 65cc (2t)/ Max 110cc (4t)
Youth 14 & Under 65 B	300-350	4	Max 65cc (2t)/ Max 110cc (4t)
Youth 14 & Under C Beginner	400-450	5	19" Max Front Wheel Max 112cc (2t)/Max 150cc (4t)

## 9:00 AM START TIME

Pee Wee 8 & Under 50A	500-550	1	12" Max Front Wheel Max 50cc (2t)/Max 70cc (4t)
Pee Wee 8 & Under 50B	600-650	2	12" Max Front Wheel Max 50cc (2t)/Max 70cc (4t)
Pee Wee 8 & Under 50C	700-750	3	12" Max Front Wheel Max 50cc (2t)/Max 70cc (4t)
Pee Wee 6 & Under	800-850	4	12" Max Front Wheel Max 50cc (2t)/Max 70cc (4t)

## 10:00 AM START TIME

C 30+	600-649	1	yellow	30+.
C 40+	650-699	2	dark blue	40+.
C 50+	450-499	3	orange	50+.
C 60+ Masters	975-999	3	tbd	60+
C Class	500-599	4	green	Any age
Junior	800-849	5	white/black-JR	See Age Restriction Page 6
Women	850-899	6	pink	Women only
Trail Rider	1000-1050	7	tbd	Beginners

CLASS INFORMATION CONTINUES

**12:30 PM START TIME**

<b>CLASS</b>	<b>NUMBERS</b>	<b>START ROW</b>	<b>HELMET STICKER COLOR</b>	<b>DESCRIPTION</b>
AA/Expert	01--49	1	red	1-10 overall/See Rider Advancement Exception Page 11
A Class	50-99	2	lime green	Any age
A 30+	100-149	3	silver/grey	30+
A 40+	150-199	4	tbd	40+
B Class	200-299	5	dark purple	Any age
B 30+	300-349	6	turquoise	30+.
B 40+	350-399	7	black	40+.
B 50+	400-449	8	light blue	50+.
C Advanced	700-799	9	white/grn c-adv	Any age
Masters Adv 60+	950-974	10	brown	60+

**Rider Advancement:**

It should be the desire of any rider to race a class that they would be competitive in. However, if a rider that possesses a riding ability that exceeds the level of a particular class that he/she is signing up in at a given event, a series officer or promoter reserves the right to move that rider to a higher class. Times will be moved as if he/she had raced in that class.

Any rider wishing to race in the next higher class may do so. A rider may not move to a lower class, unless approved by the MHSC officers.

**Exception - 40 years of age and older, and 17 years of age and younger**

If rider qualifies for AA class, (they placed in the Top 10 Overall) they can remain in their respective class if they choose. It is their responsibility to notify the scorekeeper prior to the start of the next season.

**ADVANCEMENT PERCENTILES: (A guideline for advancement)**

The scoring system allows for categorizing riders into classes based on riding level, speed and experience. When a race has been completed the top rider's speed is used to calculate the remaining riders AP. That average speed will be the 100% baseline all other riders will be compared to the average for that race. The average of all completed lap times of all riders will be compared to this 100% to determine every rider's percentile. Using a simple example; if 100% for that race is a 24 MPH average and a rider's average speed was 21 MPH then that rider's percentile is 87.5. This system enables similar speeds to be grouped together.

Another way of stating this is... The Overall Winner (OAW) of the race sets the "base line" or is the numerator in the calculation, so... if the OAW does 5 laps in 2:04:44, then that is a total of 7484 seconds, OAW average lap was 1496.8 seconds. The rider being compared is the denominator in the calculation, so... Rider A does 4 laps in 2:14:01, which is a total of 8041 seconds, average lap was 2010.25 seconds. Take OAW average lap (1496.8) and divide by Rider A average lap (2010.25), then multiply by 100 and Rider A AP is: 74.5.

A percentile range is assigned to each class name. Class names are unnecessary but used to help riders pick the correct class and break apart large classes. Going above a percentile range is called "breaking out". To allow for fluctuations, a break out system has been developed. Each breakout point is recognized and stored. When a rider breaks out a total of 10 points, the rider will move up. One example would be a rider who does not enter the correct class and breaks out by 10 points on the first race. A second example would be a rider who breaks out five, three, and two points over three races.

Any rider that feels he/she has been moved up unfairly or prematurely may petition the series officers for a ruling. A majority vote of the officers is required to rule on the petition.

## **PERCENT FOR CLASS ADVANCEMENT**

100-90	AA Top 10
89.9-82	A-classes
81.9-72	B
71.9-62	C
62 and below	Go faster

**Where to follow the series –**

[www.mhscracing.com](http://www.mhscracing.com)

Instagram = mhsrace

Facebook Series Page = MHSCRacing

Facebook Fan Page = Missouri Hare Scrambles Championship Fan Page