



Pineview Challenge Cup 2024

1. General rules	3
1.2 Schedule	4
1.3 Race-day procedure	4
2. Class Factors	5
2.1 Weight	5
2.2 Horsepower	5
2.3 Tire points	5
2.4 In-season Adjustments	6
3. Timing and Scoring	6
3.1 Race points	7
3.2 Classes and divisions	7
3.3 Awards	7

Pineview Challenge Cup

2024 Season

Last updated: 4/20/2024

The intent of this series is to provide a fun club racing environment for members and participants to enjoy competing, and enjoying the camaraderie we enjoy around the club and race track. Our new Racing Division for '24 is based on the natural growth for some of our members to learn and experience real racing competition and learn from seasoned members (mentors) *the art of racing*. Pineview has provided a platform for car enthusiasts to learn the art of performance track driving, those that have the competitive spirit, the arena to compete in our time attack for the past 6 seasons and now the stage to take the next step in learning the art of wheel to wheel racing in a fun, familiar atmosphere with fellow members.

Our open rules format allows a “run what you bring” competition for any car, on any tire. All cars are evaluated on pounds, horsepower, and tires. While other factors are important, we want to keep the rules simple, and provide competitors with the flexibility of building and racing whatever car they want. That spirit of inclusion extends to the drivers, with classes for both highly competitive and casual racers.

There are several changes in the 2024 Challenge Cup and rules this year, the highlights include the following:

- **There are Three (3) Divisions –**
 - **The Racing Division**
 - *Two Classes*
 - a) Open Wheel
 - b) Sports Car
 - **The Pro Cup Division**
 - Time Attack Division – Open class, the “fastest car” .
 - **The Clubman Cup Division**
 - *3 Classes*
 - Time Attack - Based on our popular PVCC 3 classes.
 - a) Class 1
 - b) Class 2
 - c) Class 3

- The Pineview Cup classing formula is based on our popular and simple formula, with the tire factor combined with power/weight ratio.
- On-track sessions for Pro Cup and Clubman Cup Divisions will be run in 20–30-minute open track sessions based on driver experience (GREEN, BLUE/BLACK). Run sessions for time attack participants will be accomplished during the open track sessions shared with club DE drivers. “CUP PARTICIPANTS” will be timed every lap and will be scored their fastest lap of the day. You can set your fast lap at any time during the scheduled sessions you're eligible to run.
- Racing Division - 1 warm-up session 20 minutes open track, 2 – 10 lap sprint races or 20 minutes (whichever comes first).
- Additionally, there are ‘away’ tracks for '24.

1. General rules

- The *Series* is open to members, track pass holders, and non-members purchasing a SERIES PASS. Anyone may enter one event as a trial. The final race is for members and track pass competitors only.
- Race Direction may change the course configuration (the use of bypasses), and/or specify a counterclockwise direction at any event.
- There is a [sign-up form](#) that adds you to the roster and automatically figures out your class for the Clubman Cup.
- Race Direction reserves the right to dyno and weigh cars or put a GPS device in your car at any time to evaluate data and maintain parity in the classes. Note that we can calculate your lbs/hp ratio based on longitudinal Gs. If your car is found to be outside the expected values, you will lose points and/or be disqualified.
- If you make changes to your car that would result in a change in performance, (for example, changing tires), you must inform Race Direction of your new class potential. (admin@pineviewrun.com).
- You must submit a tech sheet with your class sheet. See our tech rules here: <https://pineviewrun.com/tech-inspection>

1.1 Safety

All cars must complete and meet tech requirements for Pineview Run and complete a tech form for each car entered. A new form must be completed after any structural damage and repairs during the season.

For Racing Divisions, all cars, drivers, and entrants will be subject to the NASA Club Codes and Regulations, specifically the Technical Requirements, Required Safety Equipment, Vehicle Safety Inspection, Vehicle Legality Inspection, and General Competition Vehicle Rules sections (NASA CCR Sections 15-18). These sections cover rules for safety equipment, including full roll cages, window nets, belts, extinguishers, as well as appearance and other items.

1.2 Schedule

The race series consists of eight (8) full day race events: Six (6) at Pineview on either Saturday or Sundays from 9:00-4:00pm, two (2) away at PITT RACE, and POCONO. Your top 6 races count towards your final score, plus the double-points final.

Sunday April 28th - Open Practice, Pineview

1. Sunday May 26th - Pineview Short or Long course option.
2. Saturday June 15th - Pineview Long Course
3. Saturday July 6th - Pineview Long Course
4. Thursday July 11th - Pitt Race *
5. Saturday August 3rd - Pineview Short/Fast
6. Saturday September 7th - Pineview Long "
7. Monday September 9th - Pocono *
8. Saturday September 24th - Pineview Long Course - Championship, Double Points Championship

1.3 Race-day procedure

- Each event provides a warmup, practice session. If you arrive late, you miss practice.
- Race sessions for Pro Cup and Clubman Cup Divisions (time attack), cars will compete in their designated *Run Groups* (GREEN, BLUE/BLACK). Race control will run up to a maximum cars/group depending on the course and track rules.
- You may elect to do a single fast lap or run the entire session, it's up to you. Your fastest lap time during the 20–30-minute session is the one that counts. You can start the run, exit and re-enter the track any time during the session as long as Race Control deems it safe to re-enter.
- For Green Run Groups (no passing), Race Control will space cars evenly on track at the start of the session. However, it's possible that a faster car may catch a slower car (due to a spin, mechanical problems, or drivers of different abilities). Do not pass or give a point-by. Come through the pits and the track marshal will find you space in that session. Remember, you have the entire session to post a time.
- Race sessions for the Racing Division will be 10 laps, sprint races or 20 minutes whichever comes first. One (1) warm-up session w/ 20 minutes open track, and two (2) – 10 lap sprint races or 20 minutes (whichever comes first).
- Every participant will get a minimum of three (3) track sessions per day, a minimum of 60 minutes of track time, depending on the number of participants.

2. Class Factors

2.1 Weight

The competition weight of the car is the weight of the car *as you race it*. Meaning, all your tools and spares are out of the trunk, there's gas in the tank, and you're in the seat with your helmet and other race gear. All cars will be weighed at the start of the season. Race Direction reserves the right to weigh your car at any time during the season. Cars that are underweight may be disqualified, and have points removed from previous races.

2.2 Horsepower

This is a measurement of the horsepower of your car, as measured on a Dynojet dyno. For Mustang, Land and Sea, or dynos that read lower, multiply measured horsepower by 1.12. We understand that not everyone dynos their car, and so you may submit a dyno sheet from an engine in a similar state of tune. You should be able to find dyno charts online. Don't cheat, all data will be public.

If you have an unmodified engine, you may use the manufacturer's figures multiplied by .9. For example, if your ND Miata is rated at 155 hp from the manufacturer, use 139.5 hp (155 * .9).

2.3 Tire points

Tire ranking is based on years of data, rather than a coarse measurement such as treadwear (UTQG). You'll see there is a large variation of tire points, especially in the 200 treadwear category, which encompasses endurance, autocross, and budget tire compounds.

Front-wheel drive cars are particularly handicapped at Pineview Run. To compensate, multiply tire points by 0.8 to get the final value.

Pts*	FWD	UTQG	Type	Examples
3.5	2.8	400+	All-season	Any UTQG 400+
4	3.2	300-380	Summer	BFG SC2, Federal SS595 (260), Firestone Firehawk Indy 500, Michelin Pilot Super Sport, any 300+ TW not listed
4.5	3.6	200-280	Premium 300; Older 200; 220+ TW	Accelera 651 Sport (200), Bridgestone Potenza S001, Champiro SX2 (260), Conti ECS, SC6, Dunlop Z2, Falken 615K+, Federal RS-R (220), Maxxis VR1 (S1), Michelin PS4S, Nitto NT05, Pirelli PZero PZ4, any 220-280 TW not listed
5	4	200	Enduro 200	Accelera 651 Xtra (100), Avon ZZZ, BFG Rival, Champiro SX2 RS (200), Hankook RS4, Maxxis VR1 (S2), Nankang NS-2R, Toyo R1R, Yokohama AD08R

5.5	4.4	100-200	Faster 200; Older 100TW	Continental ECF, Cooper RS3-R, Dunlop Z3, Federal RS-RR and RS-Pro, Kumho V730, Maxxis RC1 (R1), Michelin Pilot Sport Cup 2, Pilot Sport Cup 2 Connect (240), Nexen Sur 4G, Nitto NT01, Toyo R888R, RA1, Yokohama AD08R
6	4.8	100-200	Super 200; Newer 100TW	Bridgestone RE71R, BFG Rival 1.5 S, Falken RT660, Federal FZ201M (100), Goodyear Eagle F1 SC3, Maxxis RC1 (R2), Nankang AR1, CR-S, Nexen Sport R, any 120-200 TW not listed
6.5	5.2	40-200	Hard slick; AX	Bridgestone RE71RS, Federal FZ201S (40), Hankook Z214 C5/C51, Toyo RR, Yokohama A052, any 100 TW not listed
7	5.6	40-60	Med slick; DOT max	BFG R1, Federal FZ101, Goodyear Eagle RS, F1 SC3R, Hankook Z214 C7/C71, Hoosier R7, SM7/7.5, SM Wet, Kumho V710, Michelin PSC 2R, Pirelli Trofeo R, any 60-80 TW not listed.
7.5	6	0-40	Soft slick	BFG R1S, Goodyear RSA, Hankook Z214 C9/91, Hoosier A7, H20 Wet, any non-DOT racing slick or 40 TW not listed.

* Race direction reserves the right to change tire points at any time to balance competition.

** No tire may be less than 2.8 points, for any driveline configuration.

2.4 In-season Adjustments

If you change the pounds, horsepower, or tires on your car, use the [sign-up form](#) and turn into race control at least (minimum) 1-hour prior to the first track session of the day.

- For anyone planning to race more than one car or tire, fill out a registration form for each car.
- Anyone caught upgrading the performance of their vehicle by reducing weight, HP gain, or tires and not reporting it will be disqualified from the event day and penalized 10 (deducted) points for the series.

3. Timing and Scoring

We use an AMB closed-loop timing system. You may bring your own AMB (MyLaps) transponder, or we have a limited number you can rent.

- Rental transponders must be reserved in advance. We recommend attaching a quick-release bracket (\$8 from Pegasus Racing Supply) to your vehicle; they are sturdy and save on zip ties.
- If circumstances result in us not having enough transponders, Race Direction may require that competitors share a transponder or will provide an alternate timing device.

3.1 Race points

Your top 6 race scores count towards your final score, plus the *Double-Points final, Championship Event. *BONUS 5–POINTS for entering every race event and taking a minimum of 1 lap.

Maximum point example: 1st place in division at 8 races = 70 points (10 for 5 regular events and 20 for championship event) + 5 bonus points for competing in every race (1 lap min.) = **TOTAL SCORE - 75 POINTS.**

1st place	10 pts	6th place	5 pts
2nd place	9 pts	7th place	4 pts
3rd place	8 pts	8th place	3 pts
4th place	7 pts	9th place	2 pts
5th place	6 pts	10th+ place	1 point

For Time attack divisions, If two or more competitors are tied on points after the final race, the fastest time of the championship day decides the winner.

3.2 Classes and divisions

There are two classes, Challenge Cup and Clubman Cup, and one division for 65 and older.

- **Racing Cup** - The all-new racing division. Rookies and veteran drivers to be split into groups for safety and speed considerations. Rookies -Learn to Race and Veterans Race Forever!
- **Pro Cup** - Open Class; the fastest man or woman!.
- **Clubman Cup** -. The original three classes, simple formula based primarily on Tire factor and Power to Weight formula.

3.3 Awards

Awards are given at every event, and special awards will be given at the end of the year.

- **Event Awards** - 1st-3rd place trophy for each class and awards from our sponsors at each event.
- **Challenge Cup Series Champions** -
 - Name engraved on the perpetual Challenge Cup trophy, Championship jacket, bragging rights, and other awards.
 - **Racing Division** - Trophy and \$500 club cash, contingency awards.
 - **Pro Cup Division** - Trophy and \$500 club cash, contingency awards.
 - **Clubman Cup Champion** - Trophy and \$500 club cash, contingency awards.

