



# ***VIRGINIA DIRT KARTING ASSOCIATION***

## ***2023 RULE BOOK***

### **Race Registration**

Gates open at 7:00 AM. Practice begins at 9:00 AM. Time Trials start soon after Practice.

Pit Passes will be sold at the tracks for \$20.00. VDKA will approve any changes to this cost and communicate to our racers ahead of time.

All drivers must be a VDKA member. The cost of membership is \$25.00 for the year. VDKA will allow a one-day \$10 temporary membership fee.

Entry fees are \$50 per class. Junior Stars entry fee is \$30. To run a Pro Class entry driver must be entered in the corresponding points class. There must be a minimum of three entries for a Pro Class to race. Payout will be determined by the number of karts per class.

If at 6:00 PM, if qualifying is not complete, it will be stopped and the races will begin. If qualifying is not completed, for the first event of the season, pills will be drawn to determine starting positions and for any races after that, the current season point standings will be used to set starting positions.

VDKA, though not associated with WKA, will use the WKA Tech Manual for most rules.

Some exceptions include:

- Tire prep will be allowed. Open flames of any type will not be allowed.
- Weights: VDKA requires that ALL weights must be double-nutted and the threads of the bolt must protrude approx 1/4" after the jam nut..A nyloc nut or similar locking nut is recommended as the jam nut....All weights attached to seats or similar materials must have a large washer between the head of the bolt and seat....5/16" bolts are the min.size when weight is less than 7 lbs...3/8" bolt is the min size or two 5/16" when weight is 7 lbs or more..... Weights are to be painted WHITE in color....
- Fuel filter not allowed between the fuel pump and carburetor (ALL CLASSES)
- Engine will be teched as raced (ALL CLASSES)
- The front faring specifications (shape of faring and protective strips) will not be followed by VDKA.
- Tires: Maxxis HT-3, Blues left, Pinks right for all Junior and Senior classes. Recaps NOT permitted.
- The Tillotson PK-1B clone carburetors are not permitted.
- All 4-cycle classes will be open dry clutch. (See last page for class structure)
- Air Filters can only filter from the sides of the filter. Air filters with an open end must be taped over to prevent airflow from the end.
- 6" Champ Karts Seat rule will be measured from the middle of seat to left inside of the nerf bar.
- Champ Kart Seat Belts: Belts must have dated SFI tag visible, be in good condition with no fraying or tears, and be no older than four years old.
- Helmets (Minimum Requirements):
  - ADULTS: Snell SA 2015, K2015, M2015, SFI 31.1/2015 or 41.1/2015
  - YOUTHS: Snell SA 2015, K2015, M2015, Snell CMR2015, CMS2016 or SFI 24.1/2015
  - Snell M helmets are not acceptable for ANY Champ Classes.
  - Helmet cameras may not be mounted on helmets in any way.
  - Face Shield::Eye protection is required using a full face shield integral with the helmet.
  - The Race Director or Head Technical Inspector may require any competitor to technical or safety inspection at any time.
- All WKA rule changes, after the initial annual Tech Manual has been issued, must be approved by the VDKA Tech Committee and communicated to the Organization Membership before going into effect.
- Clone motor tech will be per National Karting Alliance (NKA) rules/No Claim rule.
- Animal motor tech will be per WKA rules/No Claim Rule
- Ducar 212 motor tech will be per Dyno Cam Ducar published specs

## Race Information

All drivers must be entered into a class before practicing. **No registration refunds after pre-race tech.**

There must be an average of at least six karts in a class during the 2023 season to be eligible for yearend awards. **For championship points, VDKA allows for one drop race, but a competitor must compete in at least 80 percent of 2023 points events in a given class to be eligible for year end awards for that class.**

Competitors must take the green flag in a race and weigh in correctly to receive points for that race.

ALL DRIVERS 15 and younger must present a birth certificate at their first race or have a copy sent to the VDKA office no later than a week before the race. NO EXCEPTIONS even if you have been racing with VDKA for years.

## Relief Drivers

There are no relief drivers allowed in any VDKA race/class.

## Reserved Parking

Contact the tracks directly for parking information. The appropriate phone numbers are listed with the Race Schedule.

## Track Management

At each VDKA event, that track is rented by the VDKA. While we depend on the track owner/personnel to have the track prepared for the event, VDKA will co-manage the track itself with the track owner/personnel. VDKA will appoint a "Track Management" committee to assist the track owner with decisions related to managing the track surface to help insure that optimum track conditions exist for our competitors throughout the event. Some responsibilities of this committee are:

- Evaluate practice times related to track and weather conditions
- Manage racing surface related to water addition and possible rework for rough track conditions

## Kart Numbers

All Karts will be required to have four Legible Numbers on the Kart to be scored, including a rear number panel mounted somewhere behind the rear axle. Having four numbers that are readable by VDKA scorers is a **pre-tech requirement**. If Scoring

determines the numbers are Non-Legible, the Karter will have to change the numbers to be acceptable to Scoring before being allowed to participate. Chrome numbers, red numbers on black or black numbers on red or blue are not permitted.

Once a competitor registers a kart number for a class at an event, any subsequent competitor to register for that class with the same number will have to modify their number something unique to the class. Adding a letter, such as "X" is not an acceptable modification.

## Weight/Ballast

VDKA requires that ALL weight be double-nutted and the threads of the bolt must protrude approx ¼ inch after the jam nut...A washer larger than the jam nuts goes between the weight and the 1st nut...A nyloc or similar locking nut is recommended as the jam nut...**ALL** weight/ballast attached to seats or similar materials **MUST** have a MINIMUM 1 - 1/4" inch OD fender style washer between the head of the bolt and seat.....5/16" bolts are the minimum size bolt when the Total weight is less than 7 Lbs....3/8" bolt is the minimum bolt size if the Total weight is between 7 lbs and 15 Lbs....**NO** Weight/Ballast over 15 Lbs.....All Weight/Ballast are to be painted **WHITE** in color with Kart number on **EACH** weight securely attached to Kart.

## Flagging

Adherence to flags displayed by the VDKA Flagman during practice, qualifying and races is mandatory. Disregard of a displayed flag, anytime during the event, may result in disciplinary action by the VDKA Board.

## Race Format

The race format is as follows:

- Practice by combined classes per our practice schedule
- Qualifying by Time Trials
- Second round qualifying, based on total number of karts
  - Races will be 20 laps, Junior Stars 10 laps, unless the time factor causes them to be reduced.
- A three spin rule is applied by the Race Director. Any kart causing 3 restarts during a race for accidents or spins will be sent to the pits.

The maximum number of karts in a class will be 30. When the number of entries per class exceeds 30, the top 20 qualifiers will be in the race. Qualifiers from 21 starting position back will run in second round qualifying to determine the remaining 10 spots.

**DRAFTING DURING QUALIFYING IS PROHIBITED. THE FLAGMAN WILL**

**DELETE LAPS WHERE DRAFTING OCCURRED.** Competitors receiving the blue flag during qualifying are required to separate.

Time trials will determine the race starting order for each class. Clock officials will wait one minute at the end of each class for all competitors who have not qualified. Each competitor must qualify with his/her respective class/group. Competitors who fail to qualify with their assigned group and qualify with another group will forfeit their fastest lap of qualifying. Competitors who fail to qualify will start in the rear of the field. If a kart is missing when the last group of his/her class is ready to qualify, an announcement will be made that the driver of the missing kart has one minute to join the last group. If he/she is then not present on the grid with the kart, qualifying will not be allowed. As a class finishes on the track, the next class will be given 2 minutes to be on the grid and the grid will be closed.

**IT IS THE RESPONSIBILITY OF ALL DRIVERS TO ENSURE THEIR TRANSPONDER IS ON THEIR KART, MOUNTED CORRECTLY, BEFORE ENTERING THE GRID TO QUALIFY OR RACE.** Transponders must be attached to the Steering Shaft where or above where the tie rods connect to the shaft on all karts.

No racing back to the caution flag. In the event of a late race cautions, if the leader takes the white flag and the yellow flag is displayed before the leader takes the checkered flag, we revert back to the last completed lap. If any kart takes the checkered and then the yellow is displayed, only the karts crossing before the yellow was displayed hold their position. Any karts not completing the final lap before the caution will revert back to the previous lap and karts involved in the caution will go to the end of the last completed lap.

## Junior Stars

Junior Stars Champ and Junior Stars Sprint are entry-level classes for racers ages five to eight years old. These classes will be run for points with a 10lap feature. The emphasis is on learning the rules and sportsmanship norms of racing. Karts and engines will be subject to pre-tech and post race tech like any other class. Junior Stars racers are not required to run the mandatory open practice. A racer is not allowed to run a Junior Stars class if they are entered in a Junior Sportsman Champ or Sprint class.

## Maximum time for a race event

VDKA is constantly working to manage the timing of our events. With 20+ classes on our schedule, it's important for us to manage the total time each class is on the track during a race. We have established a maximum time of 20 minutes per class to accomplish each race. The 20-minute time starts when the flagman shows the first green flag. If a red flag is shown, the 20-minute time will stop until the green flag is shown again. This will ensure that an incident on the track involving emergency

response personnel will not impact the actual time limit of the race. After that, the flagman or race director will monitor the time taken for that race. When 20 minutes have passed, the flagman or race director will stop the race if another yellow or a red flag has to be displayed. After this final caution/race stoppage, the field is lined up; the flagman indicates that this is the final restart, by holding up the white and checkered flag. The field moves out, comes around and takes the GREEN FLAG, comes around for the WHITE FLAG and then completes one more lap for the CHECKERED FLAG.....so basically two more laps are completed after the race has been stopped for a yellow or a red flag after 20 minutes have elapsed. The race will then be called a completed event and the scoring at this time will determine all finishing positions.

## VDKA Trophy System

Awards will be given to 1<sup>st</sup> place only in Adult classes, Junior classes will receive awards as follows:

- 2-3 Karts, 1 Trophy.
- 4-5 Karts, 2 Trophies.
- 6-7 Karts, 3 Trophies.
- 8-9 Karts, 4 Trophies.
- 10 or more Karts, 5 Trophies.

## Tech Procedures

If a competitor does not accept the VDKA Tech Official's findings, he or she must submit a written protest within 20 minutes of the call along with a \$100 Protest Fee. The protest and part is given to the VDKA Tech Advisory Committee who will examine the part/protest to make the final determination. **THEIR DECISION IS FINAL.** The responsibility of the Tech Advisory Committee is to decide if the part either met or failed, by the description of the Tech Manual, not to decide whether the Tech Manual is correct or not. (See page 8 for Tech Advisory Committee members).

If the part is found to be illegal, no money will be returned, the driver will be "DQ'd" from that event and the part will be confiscated by VDKA. If the protested part is found legal, the \$100 will be returned to the driver and his/her race finish restored. Protested funds not returned will be the property of VDKA. The Tech Advisory Committee will attempt to meet the night of the race and a decision will be made unless there are questions involving the part that require additional information to ensure the proper call is made.

The top five finishers in **all but seven classes** will be teched by the "Outside Tech Official", with the engine remaining on the kart.

Seven classes will be selected at each race for a more extensive tech. These classes will be managed to ensure all classes will be teched by this method, as close

to the same number of times during the season as possible. Tech officials will decide what will be teched for all classes.

## **Protests will be limited to engine only after karts have left grid for the start of their feature.**

### **Protest of another competitor's engine**

If a competitor wishes to protest another competitor's engine, the protest fee is \$300 cash paid to VDKA and the steps below must be followed:

1. Tech Director Must be notified of protest at scale/impound area while both karts are in impound area and within the 10 minutes of the ending of the race.
2. The protest must be in writing and done within 20 minutes of the race ending. (The race end is determined by computer scoring which contains the exact time the race ended)
3. The protestor's kart/engine must remain in the tech area until the tech procedure for the engine being protested is complete.
4. The protestor can only protest the competitor's engine finishing directly in front of him/her. (e.g., if the protestor finishes fourth, he/she can only protest the third place finisher, no other finisher in the race).
5. If, after the engine teardown, the engine is found to be legal, the engine owner receives \$225 and the Tech person receives \$75.
6. If the engine is found to be illegal, the protestor receives \$225 back from VDKA and the tech person receives \$75.
7. The protestor engine will be teched first and, if found illegal, will be disqualified and the protested engine owner will receive \$225 and the tech person receives \$75. The protest is concluded if protestors' engine is not legal. The Tech team's decision is final.

### **212 cc Ducar Class Rules**

Ducar is intended as a limited-budget amateur class with rules aligned to local rules used by VDKA tracks in their weekly series. Rules can be modified as needed to be consistent with the spirit and intent of the class.

- VDKA champions from any adult class from the last three years are not allowed to run Predator.
- Only engine permitted with be the Ducar 212cc.
- Engine must be ran out of box with only the following modifications: can unplug but not remove oil sensor, can disconnect tank vent but tank vent hose must be plugged, can drill cap with up to 4-1/8 holes or 1-3/16 hole., can disconnect throttle stop screw, can run a top plate, remote mounted tank and fuel pump.
- Governor must remain operational and be capable of an on stand test with a max rpm of 5500. Tech/Track supplied tach can also be used to check at end of race.
- The air filter assembly must be 100% stock with all factory parts and pieces in use.

- No decals other than the original Ducar decal permitted including required/allowed aftermarket parts.
- Dry clutch with #35 chain only. Must have a chain guard. No mini hub sprockets allowed. No skip tooth or half tooth sprockets allowed. No rear gear smaller than a 53.
- Gas Tank: Stock tank MUST be removed and a remote mounted tank in the floor pan area added. (There will be a one (1) race grace period to remove stock tank...)
- A top plate and fuel pump are allowed with the pump be pulsed off the valve cover only.
- The stock fuel tank vent must be plugged @ air-box when stock tank is removed.
- Motor Seal:: Valve cover bolt head and Tab on carburetor will both need to be drilled for seal...( same as the 196 clones )
- Any engine can be claimed by VDKA officials for \$250, not including clutch, chain guard, top plate or fuel pump.
- Refusing an engine protest will results in a unsportsmanlike disqualification (cannot be dropped) from the day's events and a \$150 fine that must be paid to VDKA officials before the competitor will be allow to register for another event.

## **VDKA Bad Weather System**

If bad weather causes qualifying to be delayed or a race to be discontinued, qualifying/race schedules may change as follows:

- At 6:00 PM, if qualifying has not started, pills will be drawn at the first race or points will be used at all other races to determine qualifying positions, if the weather allows.
- At 6:00 PM, if qualifying is underway, it will stop. If a class is qualifying at 6:00, that class will be continued until completion. Pills or points will determine race starting positions for all classes not qualified.
- All classes qualified before 5:00 will use their qualifying times as starting positions, even if bad weather causes qualifying in the remaining classes to be cancelled.
- At 5:00 PM, if bad weather is present and the forecast is for the bad weather to continue, the race may be called either a rainout with a makeup date or, if a minimum of 13 classes has completed qualifying, the race will be called a completed event.
- If less than 13 classes have qualified and the bad weather is not forecasted to leave, the race will be rescheduled to the scheduled rain date.
- If the rain date has already been used and the bad weather is still present and forecasted to continue, any time after 5:00 PM, the race can be called a completed event and all registered competitors will receive first place points. There will be no second rain date for a race cancelled due to bad weather.

A competitor may move up a class if reaching the required age during the year, but will forfeit points in the prior class and cannot move back to previous class. A competitor may not run at a different level in a sprint and a champ class (e.g., Jr Sportsman Sprint and Jr Champ).



## Track Promoters

Lisa Beazley - Capital City Speedway

[www.capitalcityspeedway.info](http://www.capitalcityspeedway.info)

(804) 387-7318 for parking

Paul Fischer - Margarettsville Speedway

(804) 519-4216

Philip Williams - Albemarle Speedway

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

(757) 641-6023

## Tech Advisory Committee

Paul Fischer

Ronnie Sipe

Joey Powers

## Track Management Committee

Bailey Moore

Cameron Wood

Scotty Bajer

## Race Officials

Steven Fahed – Flagman

Eddie Moore – Race Director

Michelle Mycka – Grid Steward

## Tech Directors

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## 2023 Schedule and Featured Classes

- April 8 - Capital City Speedway (Brockwell Memorial Race)
- May 13 - Margarettsville Speedway
- June 3 - Albemarle Speedway
- July 8 - Margarettsville Speedway
- Aug 5 - Albemarle Speedway
- Sept 9 - Capital City Speedway
- Rain Dates – July 22, Oct 7

CLASS	AGE	DESCRIPTION	WEIGHT	
JUICE BOX	3-5	Radio Flyer Kart	N/A	
<b>JR Classes</b>				
<b>JR STARS- SPRINT</b>	5-8	Clone .375 Red plate Small Pipe Mandatory 16-66 gear (No skip tooth gears) 34.25" max tire	245	Points
<b>JR. STARS - CHAMP</b>	5-8	Clone .375 Red plate Small Pipe Mandatory 16-66 gear (No skip tooth gears) 34.25" max tire	275	Points
<b>JR. SPORTSMAN -SPRINT</b>	8-12	Clone .425 Green Plate, Small Pipe	280	Points & Pro
<b>JR SPORTSMAN - CHAMP</b>	8-12	Clone .425 Green Plate, Small Pipe	315	Points & Pro
<b>JR. RESTRICTED - SPRINT</b>	11-15	Clone .550 Blue Plate, Small Pipe	320	Points & Pro
<b>JR. CHAMP</b>	11-15	Animal Black Plate .575 Unrestricted Clone, Big Pipe	360	Points & Pro
<b>Ducar Classes</b>				
<b>*212cc DUCAR PREDATOR</b>	<b>*Cannot have won more than \$500 in the last 3 years</b>			
*SPRINT	15 + up	See Ducar Rules Section Claim	375	Points & Pro
*CHAMP	15 + up	Rule 5500 RPM open dry clutch	425	Points & Pro
<b>Adult Classes</b>				
CLONE - MEDIUM	15 + up	Big pipe - Open Dry Clutch	350	Points
CLONE - HEAVY	15 + up	Big pipe - Open Dry Clutch	375	Points & Pro
CLONE - EXTRA HEAVY	15 + up	Big pipe - Open Dry Clutch Driver must weigh 200 lbs.	425	Points & Pro
SR. CHAMP - CLONE	15 + up	Big pipe - Open Dry Clutch	425	Points & Pro
ANIMAL - HEAVY	15 + up	Animal - Open Dry Clutch	375	Points & Pro

**VDKA Office**

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