

## 2022 Class Rules and Regulations: JNR PROKART TWIN-ENGINE

**PK1.** To start in Junior Prokart from the age of 12<sup>th</sup> birthday and continue until 31<sup>st</sup> December in the year of their 18<sup>th</sup> birthday. All **NEW drivers joining the club** will be classed as a Novice and will start from the back of the grid for a minimum of 3 to a maximum of 6 race meetings. This does not apply to any driver that produces a **FULL MSA Licence** at signing in/scrutineering, or a Novice Licence with 6 signatures. However, once signed off by the Race Director, any experienced drivers are permitted to start at the back of the grid providing their request has been noted with the circuit before signing-in on the Race Day. In this instance, the driver will be classed as a non-novice and excluded from the Novice trophy. If proof is shown that a non MSA driver has raced at another circuit, then one race under Novice plates will apply.

Drivers who are 12 years old may be asked to be assessed by either attending a 1 – 1 training session with Red Lodge Karting instructors or a session through the Youngstarz Training School.

In addition to the above, you cannot race unless you have the following:

- Holds an A.R.K.S. Licence or Holds a Novice MSA Licence. Licences must be shown first at “Signing on” then in the second instance to be shown at “Scrutineering” on your first race meeting.
- The Clerk of Course makes the above decisions which will be final.

**PK2. Chassis – Can be of any manufacture with a wheelbase of between 104cms and 108cms. The use of a second/alternative chassis is not permitted unless authorised by the Clerk of Course. Any driver using an unauthorised chassis in any heat/final will be disqualified from the respective race.**

**PK3. Transponder –** An AMB 160 Transponder must be fitted to the rear of the seat 25cm from the ground +/- 5cm by means of the correct bracket.

**PK4. Bumpers – Nose Cones – Nassau Panels** must be fitted; these should be made from a minimum of 25mm diameter 14g steel tube. The rear bumper must extend the width of the floor pan and must form an extended loop of 180mm centres. The bottom loop is to be 60mm from the ground plus or minus 5mm. These loops are to be supported in a minimum of two places from the chassis and capable of withstanding a substantial impact.

**PK5. Side Pods** - All karts **MUST** be fitted with side pods, front Nassau panel and front faring spoiler panel. “Big Foot” Nassau panels are permitted.

**PK6. Two Engines = Honda ‘QHQ4’, ‘GX160UT2-QHQ4’ or ‘GX160RT2-QHG4’** designation is to be fitted. Engine subject to Honda regulation

**PK6a. T2 ENGINE carb restrictor MUST be in place. T1 ENGINE the restrictor CAN be removed. Engine Modifications. ENGINE NUMBER TO BE NOTED ON THE SCRUTINEERING CARD**

**PK7. Noise Restriction** - All karts are restricted to 105 DB.

**PK7a. New Exhaust** - After evaluation from RLK we have chosen a new Honda Cadet exhaust from February 2021. All engines will run DP001 or DP002 exhausts plus mandatory heat guard. The reason for the change is to save competitors evaluating different Honda exhaust for performance or reliability, or having their exhaust professionally de-baffled. It is well known that the standard exhaust suffers from naturally occurring heat damage. The evaluation included performance and sound level; parity with the current exhaust; that the exhaust cannot be easily modified; there is no significant weight increase; each exhaust is consistent providing the same power and to reduce the risk of burns.

**PK8. Tyres** - Only one set of slick tyres can be used for the race meeting and maybe marked at scrutineering. The Clerk of the Course`s must approve the use of a replacement tyre. **BAR CODE TO BE ADDED ON THE SCRUTINEERING CARD.**

- **Dry** - Dunlop SL1 or Bridgestone YDS or Komet K1H (Prokart Tyres ONLY) Remains for 2020
- **Wet** - Dunlop KT3 or Bridgestone YDK or Komet K1W (Prokart Tyres ONLY) Remains for 2020
- **NO CADET TYRES PERMITTED**

**PK8a. Re-cutting of tyres – NOT permitted.** Before the start of each race **wet tyres must measure a minimum of a 2mm tread.** Any Driver seen warming tyres up on the dummy grid maybe put to the back of the grid for Health and Safety. Repeat offenders will be asked to report to the Race Director and may be excluded from the heat/final and/or have their points deducted from their Championship score. **NO TYRE SOFTENERS OR WARMERS OF ANY TYPE ARE PERMITTED.**

**PK9. Weights** –Minimum weight of kart and driver should not be less than **160Kgs.** This will be checked during racing. All weights must be fitted to the Kart by use of a minimum of two mechanical fixings. All weights will be as per the scales of the day.

**PK10. Kart Safety** - No one piece of LEAD will weigh more than 4kg and must be fixed with two mechanical fixings. Two pieces mounted on top of each other will be classed as one and must then be fixed with four mechanical fixings, two in each.

**PK11. Fuel** - Fuel for Club meetings must conform to MSA specification defined as – fuel must be unleaded petrol as defined in section B of the **Blue Book 2021.** **Note:** The use of power boosting or octane boosting additives by competitors in any fuel is **prohibited;** some power/octane boosters are carcinogenic. **A standard emulsion tube must be fitted ref number PN16166-24M-922, 29.05mm + 0.5mm.**

**PK12. Disc Protectors** - Any efficient rear brake disc protective pad (Teflon, Nylon, Delrin, Carbon Fibre, Kelvar or Rilsan) is mandatory in all categories if the brake disc protrudes below, or is level with, the main chassis tube nearest to the ground. This protection must be placed laterally in relation to the disc in the longitudinal axis of the chassis or under the disc. It must be located within 120mm of the centreline of the brake disc. Regulations are as per the **Gold Book 2021.**

**PK13. Brake** - One hydraulic or mechanical brake should be fitted to the rear axle only. The disc must be made of metal, but can be vented and drilled/slotted. A Calliper with a maximum of four pistons, two each side of the disc, may be used. Additional air ducting to the rear brake is permitted but must be securely attached.

**PK14. Chain** - All classes must have a chain guard fitted.

**PK15. Steering** - All Karts must have the steering column mounted in such a way that even if the bottom retaining bolt is removed it cannot pull free from the lower bearing.

**PK16. Rear axle** must be 30mm diameter, solid or hollow magnetic material. No differential of any type is permitted.

**PK17. Plates** - Plates on front and rear of kart AND SIDE PODS. Blue plate - White Numbers.

**Novice Plates** = Black Plate/White Numbers

**PK18. Race Number** – Once your chosen race number is allocated this must be kept for the current year’s racing. Only in certain circumstances will a change be allowed, once only, at the Administrator’s discretion.

**PK19. Scrutineering** - All karts must be presented to the scrutineers ready to race including fitted wheels and tyres.

**PK20. Rules** - These rules apply to Members and Non-Members In the interest of Club 2000 and in the fairness of competition, all rules are subject to change.

*RLK are acting in the interest of our members’ and fair competition FOR THE FUTURE OF CLUB 2000.*

**Club2000** Quote “Unless it states that you can do it...Then you cannot!

20/12/2021