



F100 KART CLUB - EXTRA SUPPLEMENTARY REGULATIONS FOR MSUK MEETING

Date drawn 19th September 2020

Approved - Junior Subaru Technical - V1

Class - Junior Kart Clubman - Junior Subaru 2020

1.1 Junior Subaru: Operated by Bayford Meadows Kart Club
c/o 37 The Street, Bapchild. ME9 9AD

1.2 Introduction: The class endeavours to provide a genuine economy class for the Junior club racer, the sealed four stroke Subaru KX21 kart engine is the only power unit to be used, it is envisaged that the engines will run for 100 hours between rebuilds.

1.3 Chassis: Any chassis conforming to MSUK Competitors and Officials Yearbook regulations. Other than the seat and chassis floor tray the use of Kevlar, Carbon Fibre, Titanium or similar is prohibited.

1.4 Engine: One Subaru Sports Kart Engine KX21 complete with carburettor and exhaust. The engine should be mounted on the right hand side of the chassis with the chain drive being inboard. This is the only power unit permitted. The engine is a OHC 211cc air cooled unit and will be sealed by the importer – Pro Kart Engineering, 6 Dunstable Walk, Fareham, Hampshire PO14 1SE. A record card will be issued with each engine. It is the competitor's responsibility to ensure that the engine number and seal numbers correspond with those on the record card at all times. The record card should be available for inspection by the scrutineers at any time during a race meeting. Only Pro-Kart Engineering are authorised to strip, inspect, rebuild and seal the engines. It is permissible to protect the spark plug area to help reliability in wet conditions. The only persons allowed to strip and validate an engine for the purpose of checking its compliance with the regulations is Pro Kart Engineering with an eligibility scrutineer.

1.5 Transmission: An unmodified Noram 4000 20t clutch must be fitted and a chain used to connect the engine to the rear axle, and a fully enclosed guard must be fitted.

1.6 Exhaust: A twin exit exhaust silencer and header pipe is supplied with each engine, no modifications are allowed to the exhaust but the header pipe may be altered to enable the fitting of the exhaust onto various chassis.

1.7 Bodywork: Must conform to the current MSUK Competitors and Officials Yearbook regulations. **1.8 Age/Licence:** From 11th Birthday. As per U15.2 Min. Kart Inter-Club

1.9 Weight: Min 138kg including driver at all times. Min. driver weight is 40kg Subaru Plus :Min. 148kg including driver at all times. Min. driver weight is 42.5kg

1.10 Tyres: Dry – Maxxis Sport Slick tyre / Wet – Mojo W2 or W5 Wet tyre