

## **2012 STATE RULES RELATING TO OPEN CLASS**

### **WA Open .01. Preamble:**

The WA Open class was conceived to be a high performance class with very basic rules and is based on the Open Performance Class (Chapter 42) of the AKA rulebook. Karting WA created the class allowing a range of engine categories, each category having a weight which has been selected with the goal of creating a similar overall kart performance for each engine category over a range of circuits.

It is permissible to change engine category (and hence adjust to appropriate weight) during a race day, but stewards must be advised so weigh marshals are aware of the appropriate weight.

In keeping with the very basics, it was our intention that we have a class that required the minimum of regulations and engine measuring, essentially being that if the kart:

- ◆ conforms to Chapter 25. Australia Kart Formula
- ◆ is within the weights (see below)
- ◆ and the engine is within the capacity limits as specified for it(s) engine category (see below)
- ◆ and the engines for the 125cc Gearbox conform to chapter 43 of the 2005 Rulebook.

then it is eligible.

### **WA Open .02. Engine Eligibility:**

1. Major engine components (crankshaft, crankcases, cylinder barrel and externals of cylinder head) must be derived from AKA or CIK registered engines
2. Two Stroke or Four Stroke engines
3. Single or Twin engines
4. Engines may be air or water cooled
5. Clutches and electric starters are permissible
6. Supercharging is not permitted
7. Further restrictions for specific events may be specified in the event's supplementary regulations

### **WA Open .03. Carburettor:**

One carburettor per cylinder.

### **WA Open .04. Fuel:**

Only Premium Unleaded (PULP) fuel can be used.

### **WA Open .05. Ignition System:**

Digital ignitions systems are allowed if fitted to the engine originally by the manufacturer and are of the same type and style as originally fitted otherwise only analogue type ignition systems are permitted.

**WA Open .06. Tyres:**

1. No modifications permitted, tyre treatment is illegal (Refer Rule 25.03)
2. Dry weather tyres – any AKA approved dry tyre as per Rule 23.09.1. Five tyres only per meeting (irrespective of rules on tyre replacement).
3. Wet weather tyres- any **AKA or CIK** wet tyre. Five tyres only per meeting (irrespective of rules on tyre replacement).
4. Bead retention optional, but compulsory on all karts with a combined (kart & weight) of above 170kg.

**WA Open .07. Braking:**

Front wheel brakes may be used and are compulsory on all karts with a combined (kart & driver) weight of above 170kg.

**WA Open .08. Capacities and Weights:**

The following are the maximum capacities and minimum weights for each type of eligible engine

1.	Piston ported engines	125 cc	130 kg
2.	Pre 1998 CIK style Reed or Rotary	103 cc	140 kg
3.	CIK style Reed or Rotary 100 cc	103 cc	150 kg
4.	106 to 135 cc reed, rotary or piston port engines	141 cc	150 kg
5.	Up to 135 cc derived from KF series engines	135 cc	160 kg
6.	Rotax Max DD2	141 cc	175 kg
7.	Twin Clubman/Formula Australia (engines must conform to Chapter 34 and Chapter 31 respectively). Engines can be mixed.	206 cc	170 kg
8.	Twin engine (reed, rotary, piston port or modified Clubman/Formula Australia)	210 cc	180 kg
9.	Twin engine (reed or rotary valve water cooled)	210 cc	185 kg
10.	Biland 4 stroke	250 cc	155 kg
11.	125 Gearbox (motocross style engines)	128 cc	175 kg
12.	Intercontinental C and KZ styled engines	128 cc	180 kg
13.	Twin 125 TAG engines (engines as per relevant class chapter)	255 cc	185 kg

**WA Open .9. Limitation on Drivers:**

To be eligible to compete in this class, a competitor must hold a minimum of an AKA B Grade license.