

# Woodbridge Kart Club

## 2023 Vintage Local Option Class Rules

### 1. WKC Vintage Euro:

- Age 15 & up
- Eligible Rotary Valve Motors: BM-96, 96TT, 97TT, 100, 104, 107; Dap T-80, T-80A, T-80R, T-81; Hewland Arrow KE3, KE4; Komet K-77, K-78, K-88, K-88TT, K-78TT; Manx; Parilla SS-21, SS-22, SS-23, SS27TT; TKM S-89, S-89TT, FF-99, FF-99TT
- Eligible Reed I Motors: Dap T-72; Margay LMR
- Eligible Reed II Motors: Komet K-55; Atlas I
- Eligible Reed III Motors: Parilla TT-25
- All Vintage Piston Port motors listed in 2023 Vintage Class Rules
- All Vintage USA motors listed in 2023 Vintage Class Rules
- Engines represented as stock are expected to have stock exhaust port size and height and stock reed cages, as noted. Carburetor bore, exhaust ports, and fuel can be checked as required. Oversize pistons are allowed
- Foreign engines may be modified to use Motoplat ignition in place of points
- Rotary Valve motors – any Tillotson HL carburetor, single or double pumper, that bolts directly to a stock manifold is permitted
- Race gas & oil only, except for karts running under Vintage USA rules, which can run race gas & oil or methanol & oil. NO ADDITIVES other than oil are allowed
- Clutches – Any dry clutch or Horstman black or blue axle clutch or SMC gold axle clutch or Burco wet axle clutch is legal.

### WKC LO Vintage Euro Specifications and Weights as follows:

CLASS	ENGINE	CARBURATOR	MANIFOLD	PIPE	WEIGHT
EURO	Approved rotary-valve controlled stock	HL	Stock	Open	355
EURO	Approved rotary-valve stock-appearing	HL	Stock	Open	385
EURO	Approved Reed I controlled stock	HR or Burris 1.195" max	Stock <u>or</u> 90 degree	Open	355
EURO	Approved Reed I Stock-appearing	HR or Burris 1.195" max	Stock <u>or</u> 90 degree	Open	370
EURO	Approved Reed II Controlled stock	HR or Burris 1.195" max	Stock <u>or</u> 90 degree	Open	370
EURO	Approved Reed II Stock-appearing	HR or Burris 1.195" max	Stock <u>or</u> 90 degree	Open	385
EURO	Approved Reed III Controlled stock	HR or Burris 1.195" max	Stock <u>or</u> 90 degree	Open	385

EURO	Approved Reed III Stock-appearing	HR or Burris 1.195" max	Stock <u>or</u> 90 degree	Open	400
EURO	Approved Vintage Piston Port	Walbro WB3A 0.950" max	Stock	Open	370
EURO	Approved Vintage USA (Methanol & oil or gas & oil)	HL, HR, Burris 1.195" max. <u>or</u> two HL 0.900" max.	Open	Open	300

## 2. WKC Vintage USA:

- Age 15 & up
- Eligible motors: 100cc McCulloch; 125 cc McCulloch; 135cc West Bend; Any other US-built 100cc fan-cooled reed motor
- Engines represented as stock are expected to have stock exhaust port size and height and stock reed cages, as noted. Carburetor bore, exhaust ports, and fuel maybe checked.
- Oversize pistons are allowed to the following sizes to allow salvaging cylinders.
  - 100cc McCulloch - 2.290" max
  - 125cc McCulloch - 2.360" max
  - West Bend 820 engines cannot be bored, but replacement cylinders are available
- Ignition upgrades are allowed on stock and stock-appearing USA engines in the form of electronic modules to replace the breaker points and self-contained electronic ignitions to replace the stock coil without machine work.
- Race gas & oil or Methanol & oil. NO ADDITIVES other than oil are allowed
- Clutch - Any drum-type engine clutch or Horstman 4 or 6 spring DXL or any dry drum-type axle clutch is allowed (i.e. Bystrom, Hegar, Hartman, Proline, Tripp)

### WKC LO Vintage USA Specifications and Weights as follows:

CLASS	ENGINE	CARBURATOR	INDUCTION	PIPE	WEIGHT	FUEL
USA	100cc stock McCulloch	HL, HR, Burris, Mac 1.195" max.	Open	Open	300	Gas & oil
USA	100cc stock McCulloch	HL, HR, Burris, Mac 1.195" max.	Open	Open	335	Methanol & oil
USA	100cc stock- appearing McCulloch	HL, HR, Burris, Mac 1.195" max. or two HL 0.900" max	Stock reed cage	Open	350	Gas & oil
USA	100cc stock- appearing McCulloch	HL, HR, Burris, Mac 1.195" max.	Stock reed cage	Open	385	Methanol & oil
USA	125cc stock McCulloch	HL, HR, Burris, Mac 1.195" max.	Stock reed cage	Open	385	Gas & oil

USA	125cc stock-appearing McCulloch	HL, HR, Burris, Mac 1.195" max.	Stock reed cage	Fixed	410	Gas & oil
USA	Stock West Bend 820	HL 334a 0.790" max.	Stock reed cage	Fixed	350	Gas & oil
USA	West Bend 820	HL, HR, Burris 1.195" max. <u>or</u> two HL 0.900" max.	Open	Fixed	385	Gas & oil
USA	Any other US 100cc fan-cooled reed engine	HL, HR, Burris 1.195" max. <u>or</u> two HL 0.900" max.	Open	Open	330	Methanol & oil

**Start Procedures** – WKC Vintage USA and WKC Vintage Euro classes, unless the Race Director decides otherwise, will have a LeMans start, where the driver runs across pit lane and gets in the kart. The driver must be in the seat before the engine is started. If the driver is unable to run across the track, then either the person who will start the kart must run in their place, with the starter on the pavement at 90 degrees to the crankshaft, or the driver must wait to start until the pack has left the grid. Any infraction of the LeMans start, i.e. running before the flag or starting the engine early, will be considered the same as leaving before the flag and subject to the same penalty.