

Official 2014 OVKA Competition Rules and Regulations
Appendix G: 2014 CLASS STRUCTURE

ACTIVE CLASSES	AGE**	WEIGHT	FRONT TIRE SIZE	REAR TIRE SIZE	WKA REFERENCE	FUEL
Kid Karts (Unrestricted)	5 thru 8	150 lbs. min.	4.50	5.50	Kid Karts	Kid Kart Fuel (Gas/oil) (See #3 pg. 29)
Sportsman Novice ▼ (Non-points; includes Cadet Sportsman, Yamaha Sportsman & Briggs Sportsman chassis)	7 thru 12	215 lbs. Spts Chassis ☉ 225 lbs. Cadet Chassis ☉	4.50	4.50	Local Option Class	Gas/Oil/Alky
Yamaha Rookie Sportsman (includes Yamaha and Cadet chassis)	7 thru 10	215 lbs. Spts Chassis ☉ 225 lbs. Cadet Chassis ☉	4.50	4.50	Yamaha Rookie Sportsman Final 1 & 2	Gas/Oil
Yamaha Sportsman (Cadet chassis allowed with 10# additional weight)	8 thru 12	250 / 260 lbs.	4.50	4.50	Yamaha Sportsman	Gas/Oil
Yamaha Junior (SSX can)	12 thru 15	320 lbs.	4.50	6.00	Yamaha Jr. Lite	Gas/Oil
Yamaha Senior Y Pipe	15 and up	345 lbs.	4.50	6.00/7.10***	Yamaha Sr. Sportsman	Gas/Oil
Yamaha Masters Y Pipe	35 and up	365 lbs.	4.50	6.00/7.10***	Yamaha Masters	Gas/Oil
TaG Senior ▼	15 and up	See TaG Addendum	4.50	7.10	Refer to page 34 & WKA TaG	Gas/Oil (See #3 below)
TaG Masters ▼	35 and up	See TaG Addendum	4.50	7.10	Refer to page 34 & WKA TaG	Gas/Oil (See #3 below)
OVKA 420 Lite	15 & up	400 lbs.	4.50	6.00/7.10***	Local Option Class	Gas
OVKA 420 Heavy	15 & up	490 lbs.	4.50	6.00/7.10***	Local Option Class	Gas
Yamaha Senior Novice (Non-points)	15 and up	360 lbs.	4.50	6.00/7.10***	Yamaha Sr. Sportsman	Gas/Oil
OVKA 212	15 & up	360 lbs.	4.50	6.00/7.10***	Local Option Class	Gas
OTHER APPROVED CLASSES	AGE**	WEIGHT	FRONT TIRE SIZE	REAR TIRE SIZE	WKA REFERENCE	FUEL
Clone Rookie	7 thru 12	250 lbs.	4.50	4.50	Local Option Class	Gas
Cadet Sportsman	8 thru 12	235 lbs.	4.50	4.50	Cadet Sportsman	Gas/Oil
Briggs Sportsman (flathead w/turquoise restrictor or animal w/blue restrictor)	8 thru 12	250 lbs.	4.50	4.50	Briggs Jr. Sportsman 1	Alky
Komet Sportsman	8 thru 12	260 lbs.	4.50	4.50	Komet Sportsman	Gas/Oil
Clone Sportsman	8 thru 12	250 lbs.	4.50	4.50/6.00***	Local Option Class	Gas
Briggs Junior (flathead & animal; black restrictor)	12 thru 15	310 lbs.	4.50	6.00	Briggs Restricted Jr. Sportsman	Alky
Komet Junior	12 thru 15	320 lbs.	4.50	6.00	Komet Junior Heavy	Gas/Oil
Clone Junior	12 thru 15	310 lbs.	4.50	6.00	Local Option Class	Gas
Clone Senior	15 & up	360 lbs.	4.50	6.00/7.10***	Local Option Class	Gas
Yamaha Lite	15 and up	345 lbs.	4.50	7.10	Local Option Class	Gas/Oil
Yamaha Heavy *	15 and up	400 lbs. w/min. driver wt. of 175 lbs.	4.50	7.10	Local Option Class	Gas/Oil
Yamaha Senior Supercan (SSX can)	15 and up	340 lbs.	4.50	6.00/7.10***	Yamaha Sr. Sportsman	Gas/Oil
Yamaha Masters (SSX can)	35 and up	360 lbs.	4.50	6.00/7.10***	Yamaha Masters	Gas/Oil
125 Shifters	15 & up	385 lbs.	4.50	7.10	Unlimited Final 1 & 2-Road Race	Gas/Oil
Pro Gas Animal	15 & up	360	4.50	7.10	Briggs Pro Gas Animal	Gas

THE ABOVE CLASSES ARE THE ONLY CLASSES OFFERED BY OVKA. FOUR OR MORE KARTS OF AN EXISTING WKA CLASS MAY CREATE A CLASS AT THE TRACK. FOUR OR MORE KARTS OF A NON-WKA CLASS MAY PROPOSE A LOCAL OPTION CLASS, WHICH MUST BE SUBMITTED TO WKA FOR PRE-APPROVAL.

Competitors in "Other Approved Classes" will be placed with another class of similar speed and age group at the Race Director's discretion. If a "non-active class" averages four or more karts for the season, it will be added to the active classes and receive year-end awards.

* Yamaha Heavy class has a minimum driver weight of 175 lbs. (as raced with safety equipment; no added weight on person). This rule will be waived if 3 or less drivers sign up for the Yamaha Lite class.

** AGE – See WKA 103.2.1 and 103.2.2.

*** Tires must be a matched set (no mixing of tire sizes on the rear in any class) i.e. both rear tires must be 7.10's, or 6.00's, or 4.50's, depending on class.

▼ Sportsman Novice, Tag Masters & TaG Senior may be subject to weight changes periodically throughout the year.

☉ MINIMUM WEIGHT: 225 lbs. for karts with wheelbase between 35" and 39.75" (100 cm) / 215 lbs. for karts with 39.75" wheelbase and up.

Appendix G: 2014 CLASS STRUCTURE (continued)

1. OVKA reserves the right to combine classes.
2. All 2-cycle participants must run spec fuel as prescribed by OVKA.
3. All 2-cycle participants, except Kid Karts and TaG, must use the spec fuel with (4) ounces of Burris Castor and (4) ounces of Burris Blend per gallon of fuel. Kid Karts are required to purchase pre-mixed fuel from OVKA on race day. TaG may run (8) ounces of Castor or Blend in place of the 4/4 ounce mix; TaG Rotax may use Motul oil as per manufacturer's engine specifications.
4. All tires are to be Bridgestone YLC unless noted.
5. Class entry fees for members are \$35 for first entry; \$30 for each class thereafter. Non-member entry fees are \$40 for first entry and \$35 for each class thereafter. An additional fee applies for Kid Karts to cover the cost of fuel.
6. Kid Karts, Sportsman Novice and Clone Classes will not receive points. Senior Novice Yamaha will have points maintained for tracking purposes only. All race and year-end awards and/or prizes will be based on participation.

SPORTSMAN NOVICE (LOCAL OPTION)

AGES: Comer K80, Yamaha 3-hole can and Briggs Sportsman: 7 through 12 years old (must be 7 at time of participating in class); Kid Kart: 7 years old.

PURPOSE: The development of drivers preparing to enter Sportsman-age classes.

ENGINE/CHASSIS:

- Comer K80 with .600 restrictor on Cadet chassis
- Yamaha 3-hole can with Sportsman carburetor on standard chassis
- Yamaha 3-hole can with Sportsman carburetor on Cadet chassis
- Briggs Sportsman (flathead with turquoise restrictor only)
- Clone engine.

NOTE: No Kid Kart chassis

WEIGHT:

- Cadet – 225# minimum
- Sportsman – 215# minimum
- Clone – 250# minimum

OTHER:

- All other OVKA & WKA regulations & specifications apply as per Cadet Sportsman, Yamaha Sportsman, Briggs Sportsman and Clone International Engines.
- Each driver must be evaluated by the Sportsman Novice Director prior to racing in this class.
- .600 restrictor will be supplied by OVKA (for Comer K80).
- Transponders will be required for purpose of monitoring lap times.
- Gear and/or weight may be adjusted throughout the season as deemed necessary to maintain an even difference between Cadet Sportsman and Yamaha Sportsman lap times.
- Drivers in this class may not simultaneously compete in any other OVKA class, nor may drivers in any other OVKA class compete simultaneously as a Sportsman Novice except Kid Karters at age 7.
- This is a non-points class (no trophy or jacket). Year-end award will be given at the banquet; drawings based on level of participation.

Appendix G: 2014 CLASS STRUCTURE (continued) SENIOR NOVICE YAMAHA (LOCAL OPTION CLASS)

AGE: Minimum 15 years old.

ELIGIBILITY: This is a non-points class (no trophy or jacket). Year-end plaque will be given at the banquet (with 50% or better participation); drawings based on level of participation. No one with a top three year-end finish from any OVKA division or any other kart sanctioning association may compete. Drivers in this class may not simultaneously compete in any other OVKA class, nor may drivers in any other OVKA class compete simultaneously as a Novice. **Drivers who compete in this class through misrepresentation of their experience will be disqualified for the day.**

Participation in this entry-level class is intended to prepare drivers for racing in other more skilled classes and is encouraged until such proficiency is achieved. Proficiency may be determined in part by lap times of the competitor. Race Director/Race Committee has the discretion to move any driver to a competition class if ability of the driver is above "Novice".

ENGINE: Yamaha KT-100.

EXHAUST: SSX Can (4 hole can).

WEIGHT: 360lbs. (driver and kart).

EQUIPMENT: Subject to all applicable WKA (or superseding OVKA) chassis, safety and technical rules and inspections.

GRID PROCEDURES: All drivers with less than three races experience must display an "X" on the back of their helmet, and start all heats from the tail, **per OVKA rules** (until meeting the three race minimum). If all entered drivers are displaying the "X", then the grid assignments for the first heat will be inverted for the second heat, and grid assignments for the third heat will be based on the combined finish of the first two heats (in accordance with current club practice).

YAMAHA LITE & YAMAHA HEAVY (LOCAL OPTION CLASSES)

AGE: Minimum 15 years old.

ENGINE: Yamaha KT-100.

EXHAUST: Any fixed WKA approved pipe.

WEIGHT: Lite - 345 lbs. (driver and kart)
Heavy – 400 lbs. (driver and kart) with minimum driver weight of 175 lbs.; minimum weight requirement will be waived if 3 or less drivers are in attendance for the Yamaha Lite class.

EQUIPMENT: Subject to all applicable WKA (or superseding OVKA) chassis, safety and technical rules and inspections.

CLUTCH: Axle clutches are allowed in Yamaha Heavy Only.

CYLINDER: Old style cylinders are allowed. See WKA Tm 601.9.7.1 and 601.9.7.2 for Specifications and Tech Procedures.

NOTE: Yamaha Lite and Yamaha Heavy may be combined based on kart count.

Appendix G: 2014 CLASS STRUCTURE (continued) CLONE CLASSES (LOCAL OPTION CLASSES)

AGES / WEIGHTS: CLONE ROOKIE – 7 through 12 years old; 250# minimum.
(Run simultaneously with Sportsman Novice; scored separately; no points).

CLONE SPORTSMAN - 8 through 12 years old; 250# minimum.
(Run simultaneously with Briggs Sportsman; scored separately; no points).

CLONE JUNIOR - 12 through 15 years old; 310# minimum.
(Run simultaneously with Junior Briggs; scored separately; no points).

CLONE SENIOR – 15 and up; 360# minimum.
(Run simultaneously with Briggs Senior Animal; scored separately; no points).

Participation credits will be earned in all Clone classes.

REAR TIRES: Bridgestone YLC 600/710 x 5; must be a matched set, no mixing.

FRONT TIRES: Bridgestone YLC 450 x 5.

Exhaust Pipe is Open; Must Have RLV Stock Class Muffler, part #394236 or Weiner type. Part #89966.
Must run spec pump fuel from pump #1 at the BP station in Camden, Ohio. Away races fuel to be determined.
All 4-cycle classes will be subject to pump-around.

Bodywork can be European CIK bodywork or traditional 4-cycle bodywork

WKA INTERNATIONAL ENGINE RULES

TM 105 710 INTERNATIONAL CLASS ENGINES

710 STOCK INTERNATIONAL CLASS ENGINES

These rules describe the specifications for International Class engines. All parts must be factory production parts unless otherwise specified in this manual. No machining or alteration of parts is permitted unless specifically noted. All parts are subject to be compared to known stock parts. No reading between the lines. If it is not in the rules, it must remain stock.

CLONE CLASSES (LOCAL OPTION)

UNLESS OTHERWISE STATED, ENGINE WILL BE TECHED AS RACED. Additional rules may be added as WKA moves forward with this program.

710.1 Minimum kart and driver weight: See OVKA rules above.

710.2 Fuel: Must run spec pump fuel from pump #1 at the BP station in Camden, Ohio. Away races fuel to be determined.

710.3 Tires: See OVKA rules; Exception: Clone Rookie to run 4.50 all around.

710.4 Clutches: Must be a shoe type clutch. Any stamped drum clutch allowed. No machined drums allowed. No disc clutches will be allowed.

710.5 Fuel tank: Must be floor mounted.

710.6 Carburetor: Huayi types allowed. All stock carb gaskets must be present. Choke assembly must be functioning. Choke bore must be cast. Venturi: 0.615" No-Go. Back carb bore: 0.751" No-Go. Emulsion tube must remain stock 0.064" No-Go. Main jet: 0.042' No-Go. Low speed idle jet 0.019' No-Go.

710.7 Fuel Pump: Any pulsed type fuel pump is allowed. Fuel pump must be pulsed from the valve cover.

*Any other way to pulse must be approved by the WKA Tech Official for the race weekend.

Appendix G: 2014 CLASS STRUCTURE (continued) CLONE CLASSES (LOCAL OPTION CLASSES)

710.8 Air Filter: Any air filter allowed. After market air filter adapters are allowed. Maximum length: 1.375".

710.9 Block: Block must remain stock. Maximum bore is 2.685". Stroke is 2.123" plus or minus 0.005".

710.10 Cylinder Head: No porting, grinding or modification. Valve seats have two angles: single 4° bottom and single 30° top. Head gasket must be stock configuration. Combustion chamber volume minimum: 26.5cc.

710.11 Valve Train: Valve train will remain stock. No polishing. No grinding. No alterations. Stock 1:1 ratio OEM rocker arms only. Stock valve springs only. Maximum wire diameter is .0705". Maximum spring pressure is 10.8 lbs. at an installed height of 0.850".

710.12 Rod: Stock rod only; no modifications.

710.12 Crankshaft: Stock crankshaft only; no modifications.

710.13 Piston and Rings: Stock piston and rings only.

710.14 Camshaft: Camshaft must be stock. Maximum running lift on exhaust is 0.242" taken on valve spring retainer with zero lash. Maximum running lift on intake is 0.238" taken on valve spring retainer with zero lash.

710.15 Flywheel and Ignition: Flywheel and ignition coil must be stock. NO alterations, NO machining. Timing must be stock with stock flywheel key. Plastic fins must remain stock.

710.16 Header Pipe and Muffler: Maximum length on header and muffler is 14" and minimum is 10". Header must be single stage maximum 0.750" outside diameter, 0.635 ID inside measurement. Muffler must be the RLV Stock Class Muffler, part #394236 or Weiner type. Part #89966. Muffler may be welded onto end of header pipe or screwed on.

710.17 Starter: Pull starter must be present and remain stock. Pull starter may be rotated for a better cranking angle.

710.18 Oil Catch Can: Engine oil recovery system mandatory.

710.19 Oil Sensor: Oil sensor may be removed.

710.20 Governor: Governor and governor components are non-tech.

**Appendix G: 2014 Class Structure (continued)
OVKA 420cc (LOCAL OPTION)**

APPENDIX G: CLONE 420cc (LOCAL OPTION)

NAME: Clone 420cc

AGE: 15 years and up (Minor drivers see OVKA rulebook, Section 300)

WEIGHT: OVKA Lite: 400# / OVKA Heavy: 490#

TIRES: Bridgestone YLC

Clutch: Shoe type only (Example: Extreme Duty Hilliard or Noram Star)

Fuel Tank: Must be floor mounted.

Fuel: Must run spec pump fuel from pump #1 at the BP station in Camden, Ohio. Away races fuel to be determined.

See supplemental rules for these classes online (in Tech updates); printed copies available at the track.

Appendix G: 2014 Class Structure (continued) TaG REQUIREMENTS

In order to achieve parity among 12 motor configurations that are currently available, O.V.K.A. has established the following criteria for the TaG class. The class will follow all O.V.K.A. chassis, fuel, oil, and tire specifications unless otherwise noted. WKA 2011 Manufacturer's Cup TaG Regulations (except Biland engine) technical specifications apply. OVKA weight specifications apply. (3/6/07)

Name: TaG Senior

Age: 15 years and up

Weight: See table below

Engines: See table below

J. Tires: 7.10 rear, 4.50 front; Bridgestone YLC compound.

FUEL/OIL: TaG may run (8) ounces of Castor or Blend in place of the 4/4 ounce mix;
TaG Rotax may use Motul oil as per manufacturer's engine specifications.

Motor/Engine	TaG Senior Weight (lbs.)
Vortex ROK TT	385 lbs.
Rotax Max FR125	385 lbs.
Biland	410 lbs
Parilla Leopard	365 lbs
Parilla Leopard X30	375 lbs.
Comer	430 lbs.
Motori Seven	380 lbs.
PRD FIREBALL – 03-07	350 lbs.
Sonik TX125	395 lbs.
Sonik VX118	365 lbs.
Cheetah SQ 125	350 lbs
MB Jaguar 125	370 lbs.
Easykart 125	350 lbs.
Italsistem	370 lbs.

Motor/Engine	TaG Masters Weight (lbs.)
Vortex ROK TT	405 lbs.
Rotax Max FR125	385 lbs.
Biland	410 lbs.
Parilla Leopard	385 lbs.
Parilla Leopard X30	395 lbs.
Comer	TBD
Motori Seven	400 lbs.
PRD FIREBALL – 03-07	370 lbs.
Sonik TX125	415 lbs.
Sonik VX118	385 lbs.
Cheetah SQ 125	370 lbs.
MB Jaguar 125	TBD
Easykart 125	370 lbs.
Italsistem	TBD

1. WKA 2013 Manufacturer's Cup TaG Series Regulations section 609 (for technical specifications); Exception: Biland engine – refer to TaG USA specifications.
2. OVKA weight specifications apply (see above); weights subject to change.
3. New engines may be added per WKA rules.
4. Removal of starter, battery and ring gear is permitted.
5. Allowed to run solid pipe in lieu of flex pipe.
6. If equipped with an onboard starter, TaG may restart during a race and proceed racing by reentering in a safe fashion.

Weight Label Example:

