

FLAT KART RULES

GENERAL FLAT KART RULES

Axle - May not protrude past the outside edge of the wheel.

Body - Mandatory

Brakes - Must be in working condition and the driver must be able to fully engage the brake pedal.

Chain Guard - Required - must be designed to protect the driver in the event of a chain failure.

Exhaust - It is recommended that you wrap or sleeve exhaust system with a heat-resistant fabric.

Equipment - Raceceiver and Transponders are mandatory. Raceceiver channel is 454.000. Transponder is to be mounted to the steering column via a clip or bag.

Frame - Must not exceed 90" in overall length. Must be constructed of steel (no aluminum or conduit tubing).

Muffler - All racing vehicles must have mufflers that keep their kart at 95 DECIBELS or less at 50 feet from the racing surface. If the muffler gets knocked off, falls off, or becomes loud during a race, you will be black-flagged. Pull to the infield immediately. This means if your muffler comes off anytime from the start of the race to exiting the track at the end of the race, you will be DQ. If your kart becomes loud and you pull to the infield on your own, you will not be DQ, you will receive last place points.

Nerf & other bars - Nerf bars may not extend more than 3" outside the outer edge of the tire. Any bars other than a "regular" nerf bar may not extend outside the outer edge of the tire.

Numbers - You must have a readable number on both sides of the kart. The numbers must be legible and in a contrasting color to their background. Putting your number on your helmet can also be helpful. Please remember that infield workers, hand scorers and the tower need to be able to see the number.

Safety - All the correct safety equipment must be worn by all classes: neck braces, long pants, at min an FR rated jacket (fire suit jacket recommended), helmet, and gloves. Helmet must meet or exceed the Snell 2018 specifications or SFI ratings are excepted. Helmets must be full faced with a face shield and must fit the driver's head properly. No open toe shoes are allowed!

Wheels - Wheels must not exceed 6" in diameter and are to be steel or aluminum only!

Weights - All weights must be painted white and display the kart number. They must be securely bolted within the frame rails. (No zip ties or wires are permitted to attach any weight to the kart)

***Large zip tie on spark plug wire (with end pointing UP) is recommended in all classes**

PRO STOCK PREDATOR 212 FLAT

Age: 15 and up. Younger drivers may petition to race, it will be at the MWRS' discretion based off each individual driver's experience and ability.

Weight: 320lbs on MWRS scales.

Tires: Open

Clutch: Open

Fuel: 87 octane gas **ONLY**. No additives

Fuel Tank: May be located in the stock position (must be taped down) or a floor mounted position (auxiliary fuel pump & top plate with associated fuel and pulse lines are allowed – may be pulsed from the engine side cover crankcase or valve cover).

Engine: Harbor Freight Predator 212cc engine or 212cc Ducar Engine

Head: Hemi or non-hemi is allowed. Cylinder heads may **NOT** be interchanged! No machining allowed!

Head Gasket: Must be **stock** gasket.

Pipe: Any pipe as long as it is not a safety issue.

Timing Key: Non-tech part

Cam: Must be **stock** cam.

Flywheel: Aftermarket flywheel is **REQUIRED**; ultra-lights are **NOT** allowed.

Valve Springs: 10.8 **ONLY**.

Carburetor: Must run **STOCK** - boring of any kind is **ILLEGAL**.

Air filter: Aftermarket air filter is allowed.

Jets: Non-tech item.

Governor assembly: May be removed in its entirety, if removed the block hole **MUST** be plugged.

- No shroud may be used for any reason; all holes must be visible and not obstructed.

- No machining of the block.

- **NO INTERNAL ALTERATIONS ALLOWED!**

ALL OTHER ITEMS OTHER THAN THE ONES SPECIFICALLY MENTIONED MUST BE STOCK OEM AND IN OEM LOCATIONS!

PRO STOCK APPEARING FLAT

Age: 15 and up. Younger drivers may petition to race, it will be at the MWRS' discretion based off each individual driver's experience and ability.

Engine: Must look like a stock clone style 196/212 engine from the outside

Weight: 320lbs on MWRS scales.

No Billet blocks, side covers or heads are allowed!

Air Filter: Aftermarket filters are allowed

Clutch: Any clutch

Carburetor: Must be stock appearing carb (NOT ALLOWED - slide carbs, visible epoxy on outside or GX390 carbs)

Fuel: 87 octane gas only, no additives, must pass specific gravity test. Fuel location will be posted for each event on the MWRS Facebook page!

Pull Rope Starter: Must be working – no electrical starter boxes allowed

Tires: Any tire - Any compound

PRO FLAT RWYB

Age: 15 and up

PRO FLAT CLONE HEAVY & HEAVY PLUS

Age: 15 & up

Weight: 375lbs (Heavy) & 390lbs (Heavy Plus) on MWRS scales.

Engine: AKRA Clone Only

Fuel: 87 Octane gas only

Pipe: Any pipe as long as it is not a safety issue.

Clutch: Any

Tires: Knobbies or slicks.

DURING TECH INSPECTIONS

ONLY 2 CREW MEMBER IN TECH AREA (DRIVER WILL COUNT AS 1 IF PRESENT IN TECH AREA)

If you fail tech after the feature or refuse tech you will be DQ'd and lose all points/awards for the night.

NOTE: The track retains the option to inspect for tech violations at any time at the entrant's own expense.

Just because it doesn't say you can't doesn't mean you can!

