



## 2022 Mini Wedge Rules

### SECTION 1: CAR

1. Wheelbase 45"-49". Maximum width of the outside of the tire is 45".
2. NO ROOF or SAIL PANELS.
3. A maximum 4" spoiler will be allowed. Spoiler side's maximum height is 4" from the deck and NO LONGER than 9" in total. Spoilers must not exceed the width of the rear deck.
4. A 3" front window name plate is allowed at the top of the roll cage.
5. All karts must be constructed of steel tubing with a complete 6-point roll cage including adequate side protection. Cages MUST BE a minimum of .065 x 1" steel tubing welded to the frame.
6. The engine must be located behind the driver's seat. No part of the engine can be located beside the seat.
7. Floor Pans are required to be made of steel or minimum .040" aluminum. Floor Pans must be securely bolted, NO RIVETS. The length of the Floor Pan must go from the center of the seat to the front of the frame extending past the driver's pedals.
8. All karts must have a full wedge late model appearing body. NO open fenders will be allowed. There must be at least 4" of body behind the rear wheels. There will be NO COVERED OR ENCLOSED MOTORS all motors will remain completely visible, a deck can be added to the rear spoiler area as such it does not cover the engine area.
9. Tires must be HOOSIER- (15600 "11x6.0-6 FK) or (15456 "10.5x4.5x6 FK) or BURRIS SS33A only. GROOVING and SIPEING are allowed. NO TREATING OR SOAKING of tires will be allowed. Tires must durometer 50, any tire that durometers at or below 48 will be deemed as treated and will result in a 12-month suspension. Tires are subject to durometer testing at any time.
10. Rim width cannot be any wider than 6 ½" wide and must be at least 6" tall.
11. Axle must be a steal axle and a minimum of 3/16" wall thickness for whole axle.
12. No suspension will be allowed. This includes springs, shocks, rubbers, torsion bars and any other type of dampening devise.
13. Rear deck height cannot exceed a maximum of 26" from the ground and a minimum of 22" high from the ground.
14. Rear quarter panels cannot exceed a maximum of 24" and a minimum of 20".
15. Body must be constructed of .40" aluminum. Plastic may be used for the nose, fenders, and trim.
16. We highly encourage the doors and quarter panels to be wider than the tires with at the bottom of the doors and quarters to help prevent "wheel hop".
17. At least one vertical door bar must be welded on each side of the driver running from the main rail to side crash bars for driver protection.
18. Front and rear bumpers must be securely fastened at all times, (mounted). Front and rear bumpers must have at least a 6" tall hoop. The front horizontal bumper bar MUST be completely covered by the nose piece.
19. Front and rear down tubes are mandatory for driver protection.
20. All tubing on main roll cage must be at least .065" wall tubing.

21. Driver's seat must be mounted in four locations, (4 bolts).
22. Two, 12" door numbers minimum must be present on kart.
23. Accelerator cables must always have TWO return springs.
24. Kill switch must be in reach of the driver. We highly recommend a second kill switch located on the upper B pillar in reach for officials.
25. Weight in Jr. class will have a minimum of 300 lbs, Sr. class minimum weight is 375 lbs.
26. 5 point harness system is mandatory. All harness must have a valid SFI rated patch and must not be expired.

## **SECTION 2: ENGINE**

1. Engine will be STOCK Harbor Freight Predator 212 engine. Hemi or Non-Hemi is allowed with NO MODIFICATIONS.
2. Governor MUST be left intact in the motor but can be unhooked/by-passed. Governor shaft must re-main exposed in stock position.
3. Oil pressure shut off switch may be by-passed but MUST re-main inside the engine.
4. Any engine may be subject to inspection or teardown by track officials at any time.
5. Refusal of teardown or inspection by track officials will result in immediate suspension for the remaining season. All points will be revoked.
6. No engine may be changed after any heat race has been run unless it has blown up or seized, with internal damage causing loss of fluid. If then an engine is changed, the driver will start at the rear of the feature race.
7. The exhaust cannot be altered in any way and must remain stock, spark arrester MUST remain in muffler.
8. Spark plug can be changed.
9. ARC air cleaner is legal.
10. NO RACING carburetor, NO JETTING. Jets MUST measure 0.028 or less. Stock emulsion tube is to be used. Carburetors are subject to a go no go gauge check.
11. Only the following clutches will be allowed, NORMAN "MAGNUM" premier clutch with any spring. MAX TORQUE is allowed, NO NEEDLE BEARINGS allowed, brass bushing only. TOOTH COUNT for the allowed clutches will be 11, 12, 13 or 14.
12. CLAIMER RULE: Track officials may claim a motor at any time if deemed necessary. The track will have stock replacement 212 predator motors on hand if this occurs. If a motor is claimed by officials a new predator 212 motor will be supplied by the track at no cost to the competitor. IF THE CLAIMED MOTOR IS DEEMED ILLEGAL BY TRACK OFFICIALS SUSPENSION WILL BE THE END RESULT.

The mission is to provide children with a safe and level playing field allowing them to learn the fundamentals of sportsmanship.

## **SECTION 3: RACE RULES**

1. All drivers must be accompanied by an parent or legal guardian, unless you are appointed his or

her legal guardian, by law you cannot sign a release form for them. Therefore they cannot race. Any exception to this rule cannot be made by Track officials, and **MUST** be brought before track management for a decision.

2. All cars will be lined up according to the pill draw. Failure to draw a pill will result in the driver starting at the rear of the heat.
3. Arguing about scoring or judgement calls will not be tolerated. Confrontation with track officials, parents, fans or drivers will not be tolerated and will result in suspension.
4. The scoring booth or tower is for officials **ONLY**.
5. Any parent, driver, or member of any team involved in any type of confrontation with anyone at the track will result in suspension of two week minimum. Return to the race track for anyone involved is at the track official's discretion.
6. Birth certificate (copy) is required to compete. Ages 5yrs to 14yrs are allowed.
7. There will be **NO WARNINGS** given out for bad behavior. **NO** throwing a fit, **NO** arguing with officials, **NO** arguing with the flagman or track owner. **DO NOT APPROACH A COMPETITORS PIT AREA WITH THE INTENT TO ARGUE** this includes drivers, parents or anyone with a mini-wedge. **WE WILL PROTECT AND PROMOTE GOOD SPORTSMANSHIP TO ENSURE ALL OUR CHILDREN HAVE THE BEST EXPERIENCE POSSIBLE.** Failure to respect track officials or fellow competitors and families will result in your removal from the program.
8. Any team may teach their **MINI-WEDGE** at any time during the daily event. Should you feel there is a question on your car that may be illegal you must address that with an official **PRIOR** to the race. Should you be found illegal at the track or due to a claim after the race, you will be disqualified for the entire calendar season.
9. **NO** parent can communicate directly with their driver while they are on the racing surface at any time.

#### **SECTION 4: DRIVER PERSONAL SAFETY**

1. All drivers must wear an approved SFI-1 certified or SFI13-2A/1 fire suit. SFI certification patch is **REQUIRED ON THE FIRE SUIT**.
2. A full race helmet is **MANDATORY**.
3. All drivers must wear a neck brace, **HANS** is recommended.
4. All drivers must have arm restraints or window nets on both sides of the car.
5. All drivers must wear closed toed shoes.
6. Fire proof gloves are mandatory.

#### **SECTION 5: RACE PROCEDURES**

1. All vehicles must be able to stop and idle on their own, on the track or they will not be allowed to compete.
2. Cautions will be thrown when a drivers spins out and is stopped on the track.
3. Caution will be thrown when a driver drives off the track and is stuck.
4. The caution car will be put to the rear of the field.

5. Two cautions, then on the third caution the driver will be black flagged for that event. (DNF)
6. The black flag will also be thrown for rough driving this is a judgement call and CANNOT BE ARGUED.
7. Race transponders will be mandatory if not required by the track.
8. Lineup for heat races will be determined by a pill draw.
9. Lineup for feature races will be determined by track officials.
10. Feature winner from the previous week will start at the back of the field for his/hers next feature race they attend.

**SECTION 6: BODY AND CHASSIS SPECS ON PAGE 5**



