

OUTLAW MIDGETS

RULES 2020/21

RULE BOOK DISCLAIMER

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official. The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. Fines maybe issued based on conduct/infractions as seen fit by the Directors. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final. **If parties do not agree then it will go to the Board for vote**

The Board of Directors for the Outlaw Midgets Racing Club LL C .not for profit

General Rules:

- 1.**All drivers must be registered 30 minutes prior to the scheduled drivers' meeting. Failure to do so will result in starting at the rear of the field for your heat.
- 2.**All drivers must attend the drivers' meeting. Failure to attend the drivers meeting result in starting your heat at the rear of the field.
- 3.**To qualify for an Outlaw Midget Feature event, the driver must start in both heat races or start at the rear of the field in the feature .
- 4.**Rain-outs: **Unless a rain-out date is predetermined there will be no makeup events.**
- 5.**All drivers have the option to borrow a car if needed; although, you must make the change prior to the start of the feature event. The driver will start from the rear of the field unless the car has been previously qualified in both heats by the said driver. The race director must be notified prior to the change so as to make the appropriate changes to the lineup. All points and monies will go to the driver, not the car.
- 6.** Any car leaving the race track surface or entering the infield after entering the track, for a heat/feature, will be considered out of the race. If a car returns to the track, the car will be black flagged and lose the drivers points and **to be fined to be determined by the Board of Director, Reffer to tier penalties.**

Point Structure :

<u>Heat position points</u>	<u>Feature position points</u>
1-30	1-100
2-29	2-98
3-28	3-96
4-27	4-94
5-26	5-92
6-25	6-90
7-24	7-88
8-23	8-86
9-22	9-84
10-21	10-82
11-20	11-80
12-19	12-78
13-18	13-76
14-17	14-74
15-16	15-72
16-15	16-70
	17-68
	18-66
	19-64
	20-62
	21-60
	22-58
	23-56
	24-54
	25-52
	26-50

**Heat points plus series feature points will determine the season champion*

Race Starting and Restart Procedures:

- 1.** All original starts will be double-file. Drivers are to accelerate out of corner 4 as the green flag is waved. There will be NO passing of any cars before you the driver crosses the start/finish line. Any car jumping the start will be penalized 2 positions for every car passed. Penalties will be assessed at the next caution or at the end of the event if there are no cautions.
- 2.** Complete restart: first lap accidents in all races will be a complete restart. All cars will restart in their original position except those involved in the accident, which will restart at the rear of the field.
- 3.** All restarts will be double file formation. Leader has the option of restarting inside or

outside the front row. All involved cars will start at the rear of the field.

4. If a driver does not start in their correct position (after being informed 3 times by official via race receiver). That driver will be penalized and put back two positions at the next caution or at the end of the race. Every reasonable attempt will be made to have a correct starting line-up, but we will not hold up the race.

5. When the caution flag is thrown, the scorers will realign the cars on the restart based on the last completed lap on the track with involved cars put to the rear of the field.

6. Any car leaving the track surface during the race or during a caution will be considered out of the race and will not be scored further.

7. If the caution flag is shown after the leader has taken the white flag, the race will attempt a onetime restart with a green, white, and checkered. If a second caution flag is shown the race will finish and will be scored based on the last completed green/white flag lap except for the involved cars will be taken out and put in their appropriate finishing spot at the rear of the field.

8. If a driver instigates three cautions in one feature or heat race, the driver will be automatically black flagged for the remainder of the race. If the yellow is brought out due to mechanical issues, it will not count against the driver. The driver will not receive any points for that race.

9. The Race Director may at any time deem it necessary to have a single file restart.

10. Red Flags: When the track is under a red flag, all drivers are required to stop as quickly as possible. Failure to do so will result in automatic disqualification. No points for that race!!

11. Black Flag: For mechanical reasons and safety concerns. The flagman will display the black flag to the car involved. You will be given two laps to comply to the black flag and go pit side. You will also be told over race receiver. Failure to do so will warrant immediate disqualification from the race and you will receive no points for that event.

12. Black Flag: For rough driving. The driver will be disqualified from the event resulting in no points for the event. Once the starter has given the driver the black flag the scorers will stop scoring.

Involved Cars:

1. All involved cars in a caution incident will restart at the rear of the field.

2. If the track is blocked by an accident and a driver is required to spin to avoid the accident and makes no contact with any other car you will be given your spot back on the restart. If contact is made with any other car you are considered an involved car and will restart at the rear of the lead lap cars.

3. If a driver spins another car, the caution flag will be shown and both cars will be restarting at the rear of the field

4. If you are involved in an accident and then act in retaliation, you will be disqualified automatically. No points for the night and start at the rear of the field on the following weekend for your heat races. *Tier 4 penalty.*

Post-Race Tech Procedures:

Here's my quick edit.... Let me know what you think

Driver's finishing in the top 3 of the feature race, must not go to their pits, but report immediately after the feature race to tech inspection. Tech inspection location will be given at the drivers meeting. The driver must not leave their car and no team member shall be in the tech location, unless requested by the tech director.

Failure to abide by these rules, will result in immediate disqualification.

All cars being tech'd will be measured for total car and driver weight.

The driver in first place, will through a blind chip draw (chips numbered from 1-12), will be tech'd additionally on the item correlating to the numbered chip drawn. (See additional items to be tech'd).

The Tech Director will choose at their discretion, the third item to be tech'd on each of the 3 cars from the list of additional items.

List of additional tech items

- 1 Top Wing
- 2 Car width and wheelbase
- 3 Carburetors
- 4 Engine bore and stroke
- 5 Belt guard and chain guard
- 6 Over all race car dimension
- 7 Ballast weights painted white and bolted
- 8 On board computer functions
- 9 Nerf bars and bumpers
- 10 Helmet clearance, safety wires, and lock nuts, critical bolts, drilled frames to reduce weight
- 11 Fuel line wrap, fuel line clamps, tip over valve in place and clamped
- 12 Fly wheel pull and stator pickup slot check **and cut key.**

All or any of the above items that the Technical Director or his delegate in his/her judgment deems to be illegally modified or a safety hazard

Submissions for Rule review and rule change or addition:

1. Each team has the opportunity to submit to the Outlaw Committee two rules changes that they might like to see for the next year. All submissions must be in writing and handed in by the last race event of the year. Maximum two requests per team.

Driver/Cockpit Devices:

- 1. Traction Control:** No driver controlled, radio controlled, computer controlled or automatic traction control devices or ignition module programming devices are permitted.
- 2. No cockpit pan hard or sway bar adjustment devices are permitted.**
- 3. Brake bias adjustment device is permitted.**

Rules of Conduct:

Anyone found to be violation of this policy will be removed from our on-line forums. If you are a member you will also receive a suspension depending on the severity of the verbal attack, will also be at risk or losing some or all of their accumulated points for the season.

- 1. No drinking of any alcohol beverages or use of any drugs will be tolerated in the pit area prior to and during all race events. Any person showing signs of alcohol or drug use, or if there is a witness to use or consumption of alcohol or drugs will be removed from the pit area. A penalty will be set by **the race committee**. This is a zero tolerance policy**
- 2. All drivers and their crew must sign a track release form in person at the pit entrance. The driver is responsible for the sportsman like conduct of everyone in their crew, and any potential penalties incurred by crew members, will also affect the driver.**
- 3. All drivers and crew members shall not abuse track officials or Outlaw Midget officials. This includes threats, abusive language and anything offensive. Anyone from a team, **not conducting themselves in a sportsmanlike manner will be issued a Tier 4 Penalty** .**
- 4. In regards to fighting and acts detrimental to racing: Any driver, car owner, crew member or driver's guest that engages in a fight shall be subject to a **Tier 1 Penalty**.**
- 5. All disputes must be brought to the RACE DIRECTOR'S or a Board member attention immediately after the event. All complaints will be dealt with at the track that evening.**
- 6. Pit crew is not permitted on the track at any time either prior to or during race events. Any crew member found on the track and not authorized to do so will result in a penalty to the associated car.**
- 7. Any driver caught driving in a manner detrimental to the safety of other persons in the pit area will be suspended. This is a Zero Tolerance Policy.**
- 8. Social Media: There is a zero tolerance policy for negative or inappropriate comments published by any member of the club on our social media pages**

There will be no engaging in public out lashing directed towards an Outlaw Midget Official, driver, or against any track we visit, or their staff. Anyone found violating this policy will be removed from all our on line forums and will receive a 2 race suspension as well as losing previous 2 nights point.

OUTLAW MIDGET TECH RULES

All tech rules are up to the discretion of the Outlaw Midget Tech Director. In the interest of Safety, The Outlaw Midget Club reserves the right to change any rule that will improve safety and/or improve the race format to maintain or improve the level of competition.

All cars must pass pre – season tech inspections before any on track activities. Dates and locations will be announced prior to the start of the racing season.

Any infraction found during Tech Inspection after the Feature Race for tier1, tier 2 tier 3 and tier 4 will be deemed as a full disqualification from the for the full night, points for the night will not be issued and a fined to be determined by the Board. The tier Penalty will remain in place for the term of the Penalty.

PENALTY CLASS – TIER	CONSEQUENCE - PENALTY
TIER 1	Disqualification for the night, loss of points for the night and band from the 2 following races.
TIER 2	Disqualification for the night, loss of points for the night and band from the following race.
TIER 3	Disqualification for the night and loss of points for the night and start at the rear of the field for the night in the following race.
TIER 4	Disqualification for the feature and loss of points for the feature.
TIER 5	Car will be placed at the rear of the field for the feature race, last place points for the night and start at the rear of the field for the following race (Heats Only).
TIER 6	Warning and loss of 10 points for the night.
TIER 7	Warning and loss of 5 points for the night.
<u>NOTE:</u> If a car has the same infraction during the same season the infraction level will move up one level every time the infraction happens.	

Engine Specifications:

NOTE *All cars engines must be self-starting at the beginning of the first Heat Race.

1. ELECTRICAL FUSING FOR ALL 12 V DC CONTROL WIRING IS MINATORY. NOT APPLIED TO ELECTRIC STARTED MAIN CONDUCTORS. The Battery must be securely fastened (no tywraps).

Motors:

All motors must be stock appearing. No welding or external machining. Only exception is heads maybe cut in half for machining purposes. All stock components must remain intact and functional other than oil pump. No external or internal electric fans added for additional cooling. All external shrouding must be inacted.

Tier 2 Infraction

1.440cc fan cooled two cylinder snowmobile motor. De-sleeving not allowed

Tier 2 Infraction

2.No turbos allowed

Tier 2 Infraction

3.Motor must originate from a stock production 440 fan cooled snowmobile

Tier 2 Infraction

4.Motor stroke may not be changed or altered from OEM stock

Tier 1 Infraction

5.Oil injection pumps may be removed

6. OEM/Stock quantity of cylinders must be maintained

7. Crankcase-stock appearing

Tier 2 Infraction

8. Crankshaft- no stroke change from OEM/Stock

Tier 1 Infraction

9.Cylinder overbore is not allowed on any type of motor.

Tier 2 Infraction

10. Cylinder Heads- spark plug quantity and locations must remain stock

Tier 2 Infraction

11.Connecting Rods must remain OEM/Stock centre to centre distance

Tier 1 Infraction

12.Motors will be randomly inspected for displacement

13.Motor must be mounted on the right side of the car ahead of rear wheels

14. If the motor is changed prior to feature the car must start from the back of the field for the night. A motor maybe changed before the heat races with no penalty. The race director or tech director must be notified failing to do this will resulting in a Tier 4 penalty. A motor change is defined by changing any internal parts inside the motor, the head may be removed for inspection without penalty, the Tech Director must be notified.

Clutch:

All Tier 5 Infractions

1. No direct drives
2. CVT type snowmobile belt drive only.
3. Final drive may be chain drive or belt drive.

Chain guards/ Belt Guards for CVT Snowmobile drive:

1. Chain guards and Belt guards are MANDATORY

Tier 5 Infraction

2. Chain guards must be securely fastened at the front and rear, covering front sprocket and rear gear.

Tier 6 Infraction

3. The Clutch guard must consist of a plate on the drivers' side of the guard and must cover the clutch retaining bolt.

Tier 6 Infraction

4. Construction of the Clutch guard must be at least .100 aluminum or 1/16" steel and be solid no expanded metal or perforations allowed

Tier 6 Infraction

5. No plastic/carbon fibre chain guards permitted.

Tier 6 Infraction

6. The Primary Belt guard must be constructed of a minimum of .100" aluminum or 1/16 steel and be solid. No expanded metal or perforations allowed. No plastic/carbon fibre guards allowed.

Tier 6 Infraction

Ignition:

1. All cars must have an engine kill switch and it is to be mounted in a location that is easily accessible by both the driver and safety crew. The switch must be mounted in a place where "ON" and "OFF" are clearly visible.

Tier 7 Infraction

2. All spark plug wires must have a tie wrap attached to them, minimum 6" long/ ring, also spark plugs must be resistor type.

Tier 7 Infraction

3. Stock OEM ignition ONLY. Ignition manufacturer must match motor manufacturer.

Tier 1 Infraction

4. RPM, Exhaust temperature/Air Fuel and Lap time recording is permitted during race day.

Tier 6 Infraction

Carburetors only----- Fuel injection not allowed

All Tier 4 Infraction.

- 1. Carburetors only- single or twin: Single may not exceed 44mm, twins may not exceed 38mm each.**
- 2. Carburetors must face the rear of the car**
- 3. Drilling of boots is not permitted**

Mufflers:

1. Mufflers/silencers are mandatory. A proper working silencer is required with turn down at the exit point. Muffler/silencer must be packed using proper muffler packing.

Tier 6 Infraction

2. No open headers

Tier 5 Infraction

3. All Mufflers/silencers section must have minimum 1/8 holes drilled into pipe that exit into muffler/silencer section. There is to be a minimum of 4 rows of 10 plus 1/8 holes per row. This is to reduce exhaust noise.

Tier 4 Infraction

Fuel:

1. Pumped fuel or racing fuel may be used

Tier 4 Infraction

2. No alcohol or nitrous additives allowed

Tier 4 Infraction

3. Fuel maybe tested randomly by the Technical Director if deemed necessary

Race Car Chassis:

All Tier 5 Infraction

Main Frame: HOLES are not to be drilled in the chassis or roll cages to lighten car.

1. Chassis frame must be constructed of the following

- 1(a) Round Chrome-moly with a minimum 1 1/8" diameter, .083 wall thickness**
- 1(b) Seamless DOM round tubing minimum 1 1/8" diameter, .090 wall thickness**

2. Square DOM welded seam 1 1/4" x 1 1/4" diameter, .100 wall thicknesses

Square frame rails must be drilled top and bottom to allow roll cage to be mounted through the square tubing and welded top and bottom. Roll cage may be butt welded if tubing is larger than square frame rails but must be gusseted Minimum one gusset per tube at a size of 1 1/4" length and 0.100 thick minimum.

Roll Cage & Cockpit Specifications:

Roll cage must be constructed of the following:

- (a) Round Chrome-moly with a minimum 1 1/8" diameter. .083" wall thickness
- (b) Seamless DOM round tubing minimum 1 1/8" diameter. .090 "wall thickness

- 1.**The roll cage must be a minimum height of 38" measured from the top of the lower frame rail to the top of the upper roll cage bar.
- 2.**The top of the drivers' helmet must be at least 2" below the bottom of the horizontal roll cage bars. Measured across the roll cage bars above the driver's head.
- 3.**The roll cage must be made from minimum 1 1/8" x .083" wall chrome-moly or from seamless DOM round steel 1 1/8" x .090 "wall.
- 4.**The roll cage must be welded to the chassis at minimum of 4 locations and cannot be bolted to the mainframe rails.
- 5.**The top of the roll cage must have gussets in all four corners either inside or outside of the top bars.
- 6.**No sharp edges shall be left anywhere on the roll cage or brackets on the car.
- 7.**The roll cage must have two vertical bars mounted behind the drivers' head in an Inverted "V".
- 8.**The driver must be able to climb through the space in the top of the roll cage.
- 9.**A halo maybe added to the top of the roll cage to give more head clearance and must be made from 1 1/8" tubing. The halo must run along both sides and the rear of the roll cage.

Front Loops:

All Tier 7 Infraction

- 1.**All cars must have a front loop made of a minimum 1" tubing.
- 2.**Loop must completely surround the drivers' feet.
- 3.**Two vertical bars must join the chassis to the loop at the front of the car.
- 4.**Loop must be welded.
- 5.**The front loop must be 2" higher than the drivers' feet. Measured from the bottom of the top loop.
- 6.**These loops are not possible for some chassis designs. Suitable plans that meet the Safety criteria should be submitted to the technical committee for approval.

Nerf Bars:

All Tier 7 Infraction

- 1.**Mandatory on both sides of the car. Must be held on with 1/4" bolts and lock nuts
- 2.** Must be constructed of mild steel tubing with a minimum size of 3/4" to a maximum 1".
- 3.**Required to be a minimum 24" in length measured at the narrowest point.
- 4.**Required to have a minimum overall height of 5" to a maximum height of 14".

5. Lowest horizontal bar to be a maximum of 6" off the ground.
6. Must not extend outside edges of front or rear tires.

Floor Pans:

All Tier 7 Infraction

1. Cars shall have a floor pan covering a minimum of the width of the front frame rail to the front of the driver's seat. The floor pan must be full width of the floor extending a minimum to front of seat **but not extend under the fuel cell.**
2. The floor pan may be constructed from aluminum or metal (min 0.030 inch).

Side Bars:

All Tier 7 Infraction

1. All side bars must be constructed of minimum $\frac{3}{4}$ " mild steel round tubing.
2. Right side must have at least one side bar mounted 18" to 26" above the top of the lower frame rail.
3. Left side must have two parallel bars. The top bar must be mounted at the same height as the right side at 18" to 26" above top of the lower frame rail. The bottom bar is to be mounted parallel between 6" and 8" inside dimension, below the upper bar with at least 2 vertical bars joining them together.
4. A vertical bar must be mounted diagonally between the upper side bar and the top of the roll cage bar on both sides. Vertical bars must be welded.
5. The attachment point to the upper side bar will be at 12" to 16" in front of the rear cage, upright.
6. All side bars are to be constructed and mounted to provide maximum driver protection.
7. Side bars may also be an X design, following these specifications: Welded X all attachments to the frame must be welded 2" maximum from the lower frame rail. Two vertical down bars attached from the top frame rail being 15 $\frac{1}{2}$ " apart. Top bar must meet current height requirement from bottom frame rail. Second bar must go through centre of the X.
8. Minimum of one vertical bar beside drivers' seat mounted between lower horizontal door bar and main frame rail.

Bumpers:

All Tier 7 Infraction

1. Front and rear bumpers are mandatory and must be bolted using a 1/4" bolts and locking nuts. Bumpers must be flat and not have a projected or pointy profile. (arrow shaped, etc.).
2. Bumpers shall be constructed of a minimum steel tubing of $\frac{3}{4}$ " to maximum **1 1/8" OD.**
3. Front bumpers must not be smaller than 12" wide and must not extend beyond the inside of the front tires.
4. Rear bumpers must not be smaller than 12" wide and must not exceed past the outside width of the rear wheels.

Front Bumpers:

All Tier 7 Infraction

- 1. Must be constructed with 2 horizontal bars at a minimum of 3 1/2" and a maximum of 6" apart with an additional safety hoop maximum of 6" in height to give additional foot protection may be added to the upper hoop.**
- 2. The upper hoop attached to the lower hoop must be supported by at least 2 vertical bars in the front portion of the bumper by 3/4" OD or larger steel tubing but no larger than 1 1/8" OD**
- 3. The lower horizontal bar is to be a maximum of 6" off the ground.**
- 4. No weight can be added to the front bumper.**
- 5. A 12" Crush Zone is mandatory between the drivers' feet and the front bumper when the pedals are fully pushed forward.**
- 6. The front bumper must be attached to the chassis on at least 4 points with a minimum 1/4" bolt and lock nuts**

Rear Bumpers:

All Tier 7 Infraction

- 1. Must be constructed of 2 horizontal bars with a minimum 5" and a maximum 7" apart and minimum 3/4" diameter steel tubing to a maximum of 1 1/8" OD steel tubing. The upper and lower hoop must be supported by at least 2 vertical bars.**
- 2. The lower bar must be a maximum of 6" off the ground.**
- 3. Rear bumpers must be fastened to the mainframe rail and or the back of the roll cage uprights at 4 points with a minimum 1/4" bolt and lock nuts. No clips.**
- 4. Must extend a minimum of at least 12" behind the fuel tank.**
- 5. Rear bumpers cannot exceed the width of the inside of the rear tires.**

Suspension:

All Tier 5 Infraction

- 1. NO suspension of any kind is permitted in this "FLAT BOTTOM" series.**
- 2. The front axle must be mounted directly to the frame. It may be split and coupled.**
- 3. A two piece front axle is allowed, however it must have a lock collars to prevent the axle from moving out.**
- 4. Rear axle must be one piece and have no slipper hubs or have such device that allows the rear wheels to turn independently of each other.**

Steering:

All Tier 6 Infraction

- 1. Steering shaft can be a solid 5/8" diameter rod, or hollow minimum .750"OD 065 "wall DOM tube. Collapsible steering column is recommended.**
- 2. There must be a lock collar on the steering shaft located between steering rack and steering**

support heim-joint.

3.Steering wheels must be mounted with a “quick release” only. Steering wheels must fit snug and tight, loose fitting hubs must be replaced.

4.Quick release steering wheels must have no plastic parts.

5.All steering bolts and nuts must be drilled and cotter pinned or safety wired. Stover nuts may be used without cotter pins or safety wire.

6.Any fastener of a component that would enable movement or adjustment , spindles or caster & camber must also use cotter pins, safety nuts or Stover nuts.

7.Spindle nuts to hold front hubs **MUST** be drilled and cotter pinned.

8.Rack & Pinion steering box permitted.

Brakes:

1.Hydraulic brakes only

2.All brake systems must be in good working condition.

3.All master cylinder, caliper or rotor bolts must be either pinned or safeties wired or have Stover nuts. Nylon lock nuts if used must be also cotter pinned.

Wheels, Tires and Hubs:

Tier 7 Infraction

1. Wheel rim diameter can not be larger than 8” and made of aluminum (no steel rims)

2.No clip on wheel weights allowed

3.Both rear wheel hubs must be retained by an axle clip or cotter pin.

4.Maximum 8” width rims

Body Design:

1. Front nose section may be wedged hood or a standard sprint car style.

2. Front nose section can be made of aluminum or fibreglass.

3. Nose panels must be inside of the front wheels.

4. Body panels must be in place at all times.

5. All side and rear panels must be inside the outer edge of tires.

6. Cars must maintain a neat and clean appearance

7. Carbon fibre body panels or carbon fibre wing panels and NOT permitted

Car dimensions:

All Tier 6 Infraction

Wheel base shall be a min of 42 inches and max of 58 inches

Max overall width shall not exceed 56 inches: includes all parts of the car

Over length shall not exceed 108 inches

Weights:

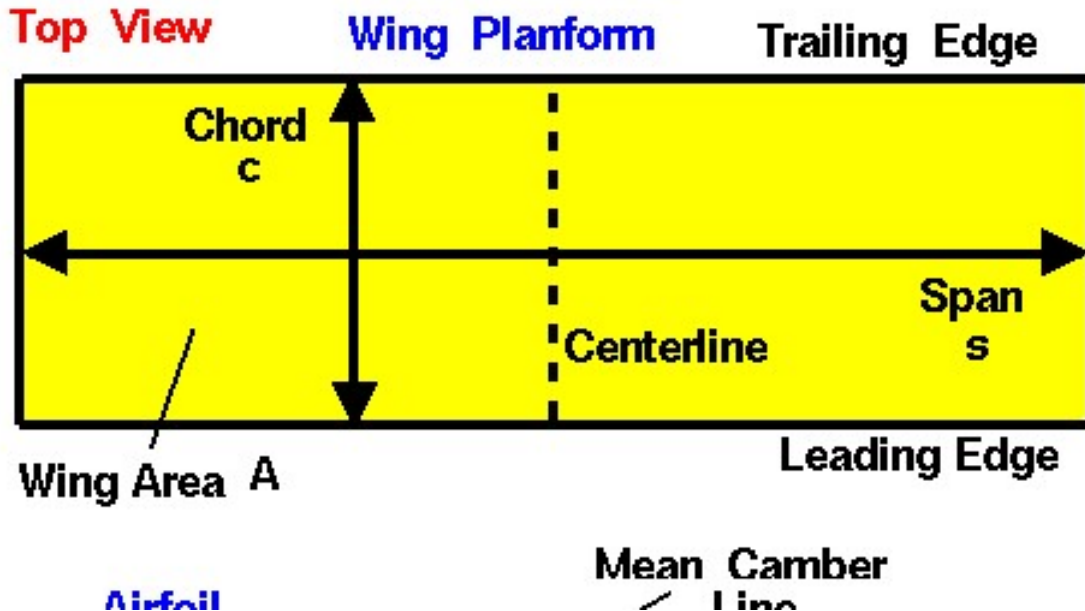
All Tier 5 Infraction

- 1. Car and driver shall weigh no less than 675 pounds**
- 2. A car running a Polaris Pro X/XCF or Arctic Cat 440ZX Engine, driver and car, can weigh no less than 675 lbs. This is based on using a single exhaust pipe.**
- 3. A car running a Polaris Pro X/XCF or Arctic Cat 440ZX Engine with Dual exhaust pipes, , can weigh no less than 725 lbs.**
- 4. All removable ballast weight must be painted white and securely bolted to the main chassis structure with a 3/8 bolt and lock nut. The car number must be clearly visible. The Technical Director may at his discretion require additional bolting.**

CAR WEIGHTS		
ENGINE PLATFORM	EXHAUST CONFIGURATION	WET WEIGHT WITH DRIVER AND GEAR
POLARIS – PRO X / XCF	SINGLE PIPE	675 POUNDS
ARCTIC CAT 440ZX	SINGLE PIPE	675 POUNDS
POLARIS – PRO X / XCF	TWIN / DUAL PIPES	725 POUNDS
ARCTIC CAT 440ZX	TWIN / DUAL PIPES	725 POUNDS
ALL OTHER 440 FAN COOLED ENGINE PLATFORMS	SINGLE PIPE / 675 POUNDS	DEUL PIPE / 725 POUNDS



Wing Geometry Defin.



Wings are mandatory and must be securely attached to the car in order to compete.

All Tier 7 Infraction

2. Wings must be made of aluminum with all sharp edges being removed.
3. Wings must have a centre section of no less than 4 square feet (576 SQUARE INCHES) and be no LARGER than 10 square feet (1440 SQUARE INCHES).
- 3(a) Wing centre section must be a minimum 1" thick measured 1" back from the leading edge of the wing.
4. Wings must have two side panels. Both panels are to be a minimum of 10" high measured on the flat section at the narrowest point with a maximum of 24" height and a maximum length of 45", or at least as long as the centre section.
5. The top wing must be mounted in such a manner to allow the driver to enter and exit through the top of the car safely and quickly.
6. Wings may be mounted as fixed, or movable using shocks, springs or struts for changing the angle of the wing with air flow only over the wing surface when the car is in motion
7. The bottom of the wing must be no higher than 11" above the top rail of the rollcage.
8. Wings damaged or broken during a race may be black flagged by the Race Director.
9. If the wing is not mounted securely to the car the car will not be able to compete in a race until repaired safely and inspected by the Outlaw Tech Official.

Fuel Tanks, Fuel Lines:

All Tier 7 Infraction

- 1. Fuel cells are mandatory**
- 2. Fuel Cells may be bladder type or aluminum and must be foam filled.**
- 3. Aluminum tanks must be a minimum 1/8" thick material.**
- 4. Fuel Cells must be located in the tail or rear section.**
- 5. A full firewall between the tank and the driver is mandatory and can be made of steel, Aluminum or a fully wrapped cell. The firewall must be bolted to the frame, no zip ties.**
- 6. Fuel lines from the fuel cell to fuel pump must have a protective covering over them to prevent tears and cuts. Steel braided line recommended.**
- 7. The car must have a fuel shut off valve located so that it can be easily reached by the track or Outlaw Official. The valve must be mounted away from the chain and belt and must be marked with arrow for ON and OFF.**
- 8. All fuel tanks must have approved fuel cell caps and vent ball valve. (Roll Over Check Valve)**

Seats:

All Tier 5 Infraction

- 1. High back aluminum seat is mandatory.**
- 2. Seat must be bolted in (NO LESS THAN) four places using 3/8" diameter bolts and lock nuts. GRADE 8 FASTENING HARDWARE IS RECOMMENDED.**

Mirrors:

Tier 6 Infraction

Rear View Mirrors are not allowed. Reflective materials are not permitted in the cockpit or roll cage that can be used to show the driver side or rear views.

Window Nets:

All Tier 5 Infraction

- 1. Side window nets are mandatory on both sides of the car.**
- 2. Front window steel mesh cage is recommended. Lexan/plastic is NOT permitted.**

Seat Belts and Safety Equipment:

1. Safety belts must be quick release type with a minimum 3" lap belt, two 3" shoulder belts and a crotch strap. All competitors must have seat belts with a date tag no older than 5 years. All belts must be mounted as per the manufactures specifications.

- 1. (a) 2 inch shoulder belts are permitted to accommodate the use of head and neck restraints. BOLT DIAMETER SPEC 3/8 inch, GRADE 8 HARDWARE IS RECOMMENDED.**
- 2. All drivers helmets to be a SA 2015 or 2020(Snell) full face only.**
- 3. All drivers must wear an approved head and neck restraint. IE. (HANS TYPE) or Approved equal.**

4. Fire suits, Nomex racing gloves and Nomex racing shoes mandatory.
5. Arm restraints are mandatory at all times when on the race track.

Radio Communication:

1. Race receiver mandatory for all drivers

Tier 7 Infraction

2. Absolutely no radio communication with driver other than the race receivers used by official.

Tier 4 Infraction

3. Radios must be in working condition before entering the track

Tier 7 Infraction

4. Failure to comply with radio communication rules will result in disqualification and loss of points for the event.

Tier 5 Infraction

Numbers and Lettering:

All Tier 7 Infraction

1. Numbers must be clear.
2. The number must be in contrasting colours with the car so as to be seen by the scoring tower.
3. Number must be a minimum of 10" high wing side board
4. Number must appear on the nose section a minimum of 8 inches high.
5. Number on top of the wing must be minimum 12 inches high

Tear down Rule:

1. Any driver that wishes to protest the legality of the motor of another competitor's car must make their protest within 15 minutes of the finish of the race in question.
2. The cost to protest a motor will be \$300.00. Money must be provided at the time of the protest in either cash or certified funds.
3. If the motor is deemed to be legal the \$300.00 will be given to the owner of the Car being protested.
4. If deemed illegal the money will be returned to the protester. The illegal car will lose all points for the night. Further penalties may occur at the discretion of the Outlaw Midget Technical Committee.



