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OUTLAW 10.5

Class Designations: OTF preceded by car number.

Outlaw 10.5 will utilise a Heads Up with a Full Tree start and will race using a Chicago Shootout format for field sizes of 16 to 6 or elimination style for fields over 16. Tyres must be stamped 10.5 or less on sidewalls. Maximum rear tyre width, regardless of temperature or wear, not to exceed 11.5". Maximum roll out of 105". A minimum qualifying ET of 9.50 sec is required to compete. It is designed for full-bodied RWD vehicles using 4-cylinder or 5-cylinder engine or 6-cylinder engine or V8 engine or 2-rotor or 3-rotor engines. Chassis limited to back half modifications. Maximum of 2 power adders permitted. All vehicles must have a current ANDRA Tech Inspection and meet ANDRA Safety requirements for the performance of the vehicle. Treaded and slicks tyres permitted.

CLASS REGULATIONS

Minimum Weights

4 Cyl, 6 Cyl & Rotary (All Combos):

- 1850 lbs.- 4cyl w/ turbo or nitrous
- 1950 lbs.- 2 Rotor w/ turbo or nitrous
- 2150 lbs.- 3 Rotor w/ nitrous
- 2300 lbs.- 3 Rotor w/ turbo
- 2200 lbs.- 6cyl up to 3.0Ltr w/ nitrous
- 2350 lbs.- 6cyl up to 3.0Ltr w/ turbo
- 2400 lbs.- 6cyl 3.1Ltr to 4.1Ltr w/ nitrous
- 2550 lbs.- 6cyl 3.1Ltr to 4.1Ltr w/ turbo

All Carburetted V8's must run at least 1 power adder. (i.e. Nitrous, turbocharger or supercharger)

Small Blocks (NA, Nitrous & Supercharged):

- 2150 lbs.- Small Blocks Naturally Aspirated (EFI only)
- 2400 lbs.- Small Blocks w/ Nitrous
- 2800 lbs.- Small Blocks w/ Roots or Centrifugal Supercharger

Big And Small Blocks (Turbocharged):

- 2900 lbs.- Small Blocks up to 450ci w/ Single Turbo up to 106mm
- 3000 lbs.- Big Blocks up to 450ci w/ Single Turbo up to 106mm
- 3100 lbs.- All 451 - 500ci w/ Single Turbo up to 106mm
- 3200 lbs.- All 501 - 550ci w/ Single Turbo up to 106mm
- 2900 lbs.- Small Blocks up to 450ci w/ Twin (up to 80.000mm) Turbos
- 3000 lbs.- Small Blocks up to 450ci w/ Twin (80.001 - 88.000mm) Turbos
- 3100 lbs.- Small Blocks up to 450ci w/ Twin (88.001 - 91.000mm) Turbos
- 3000 lbs.- Big Blocks up to 450ci w/ Twin (up to 80.000mm) Turbos
- 3100 lbs.- Big Blocks up to 450ci w/ Twin (80.001 - 88.000mm) Turbos
- 3050 lbs.- All 451 - 500ci w/ Twin (up to 80.000mm) Turbos
- 3100 lbs.- All 451 - 500ci w/ Twin (80.001 - 88.000mm) Turbos
- 3100 lbs.- All 501 - 550ci w/ Twin (up to 80.000mm) Turbos
- 3200 lbs.- All 501 - 550ci w/ Twin (80.001 - 88.000mm) Turbos

Big Blocks (NA, Nitrous & Supercharged):

- 2300 lbs.- Big Blocks Naturally Aspirated up to 650ci (EFI only)
- 2350 lbs.- Big Blocks Naturally Aspirated 651ci - 700ci (EFI only)
- 2400 lbs.- Big Blocks Naturally Aspirated 701ci - 750ci (EFI only)
- 2450 lbs.- Big Blocks Naturally Aspirated 751ci & up (EFI only)
- 2750 lbs.- Big Blocks w/ Nitrous up to 650ci

2800 lbs.- Big Blocks w/ Nitrous 651ci - 700ci
2900 lbs.- Big Blocks w/ Nitrous 701ci - 750ci
3000 lbs.- Big Blocks w/ Nitrous 751ci & up
3000 lbs.- Big Blocks w/ Roots or Centrifugal Supercharger

Add:

100 lbs. For nitrous with a Turbo or Supercharger.
100 lbs. For any clutch assisted manual transmission
100 lbs. For any single turbo combo over 106mm but not to exceed 115mm

Deduct:

100 lbs. For Turbo or Centrifugal Super Chargers entries with no intercooler
50 lbs. For any combo that uses a OEM Automatic Transmission
50 lbs. With single carburettor (Nitrous & NA Combo's Only)

All weights include driver, verified after the run. Sport Compact Group reserves the right to amend weights in order to maintain parity in the class. Ballast permitted. Refer General Regulations 4.4.2

Engine

Cooling System: Refer General Regulations 4.1.1.1

Engine: Any automotive type engine permitted. Any engine modification permitted. Maximum of 2 power adders allowed. Refer General Regulations 4.1.2.1 and 4.1.2.2

Exhaust: Open exhaust permitted except where prohibited by track rules. All exhaust outlets must exit below the sill panel and be directed to the rear. Refer General Regulations 4.1.4

Fuel: Restricted to pump, racing petrol or methanol only. Refer General Regulations 4.1.6 and 4.1.7

Fuel Tank: Replacement fuel cell permitted. Refer General Regulations 4.1.8.2

Intercooler: Permitted. Refer General Regulation 4.1.8.3

Liquid Overflow: Required. Refer General Regulations 4.1.9

Lower Engine Containment Device: Required on all piston engine vehicles using power adders quicker than 9.00 sec on the ¼ mile. Refer General Regulations 4.1.10

Nitrous Oxide: Permitted. Refer General Regulations 4.1.12

Turbocharger, Supercharger: Permitted. Refer General Regulations 4.1.14

Driveline

Auto Trans/Converters: Refer General Regulations. 4.2.1.1, 4.2.1.2, 4.2.2 and 4.2.8

Clutch: Refer General Regulations. 4.2.3

Driveline: Drive-shaft loop required on all vehicles. Refer General Regulations. 4.2.4.

Flywheel: Refer General Regulations 4.2.5

Flywheel Shield: Required on all Manual transmission equipped vehicles. Refer General Regulations 4.2.6.

Rear Axle: All supercharged or Turbocharged vehicles quicker than 7.50 sec are required to use fully floating rear hubs or two-piece axles. Refer General Regulations. 4.2.7

Transmissions: Any transmission permitted. Automated, timer-type, air-shifted, pneumatic, electric, electronic, hydraulic, etc. shifting mechanism prohibited, each shift must be a function of the driver and controlled manually. (Driver must pull the lever or push the button) Trans brakes permitted. Refer General Regulations. 4.2.1.1, 4.2.2 and 4.2.8

Brakes and Suspension

Brakes: Refer General Regulations 4.3.1.

Steering: Aftermarket steering gear permitted. Refer General Regulations 4.3.3.

Suspension: Any type of automotive suspension is permitted. Refer General Regulations 4.3.4

Wheelie Bars: Permitted. Any adjustability during run prohibited, must be fixed during run. Hydraulics, pneumatics, electronics, etc. prohibited. Wheelie-bar wheels must spin free at the starting line before launch. Any preload prohibited.

Body and Chassis

Airfoils / Wings / Spoilers: Permitted. Airfoils / Wings / Spoilers may NOT be wider than the widest part of the vehicle body. Any movement or adjustment during a run is prohibited.

Body: Any automotive or light truck body permitted. OEM body must be used with mild customising permitted. Must retain full-bodied size and appearance, with minimum 2 functional doors. Notching of OEM firewall permitted for engine and bell housing clearance. Lightweight bonnet, guards, doors, bumpers and boot permitted only. One-piece front clips permitted. Maximum front overhang 45 inches (1143mm) measured from front most part of vehicle to the centre of front axle.

Chassis: Limited to back half chassis replacement only from the B pillar back and full roll cage mandatory with bracing from front suspension towers to roll cage permitted. Refer General Regulations 4.4.3, 4.4.7.1 and 4.4.7.4.

Wheelbase: Must retain original wheelbase of vehicle plus or minus 3 inch (75mm). Maximum wheelbase variation from left to right is 1 inch (25.4mm).

Windshield/Windows: May be replaced with lexan or plexiglass with a minimum thickness of 3mm.

Wheels and Tyres

Tyres: Racing slicks permitted. Tyres must be stamped 10.5 or less on sidewalls. Maximum rear tyre width, regardless of temperature or wear, not to exceed 11.5". Maximum roll out of 105". Retreads or space saver spares prohibited. Refer General Regulations 4.5.2.

Wheels: Must be suitable for street or racing use. Use of temporary replacement wheels or space savers are prohibited. Refer General Regulations 4.5.3.

Interior

Interior: Optional. Minimum of a drivers seat required. Refer General Regulations 4.6.1.

Electrical

Batteries: Refer General Regulations 4.8.1.1 and 4.8.1.2

Computer: Aftermarket and piggy back computers permitted. Data loggers permitted. Refer General Regulation 4.9.2 and 4.9.3

Delay Devices: Not permitted. Refer General Regulations 4.8.2

Ignition: Aftermarket ignition systems permitted. Rev limiters and two steps permitted. Refer General Regulations 4.8.3

Night Lighting: Headlights may be painted on. Operational taillight required. Refer General Regulations 4.7.7

Self Starting: Required. Push starts prohibited. Refer General Regulations 4.8.4

Driver and Safety

ANDRA Tech Inspection: Required. Refer General Regulations 4.9.10

Arm Restraints/Window Nets: Required. Refer General Regulations 4.6.2 and 4.10.2

Fire Extinguisher System: Permitted. Refer General Regulations 4.9.41 and 4.9.4.2

Head Protector: Required. Refer General Regulations 4.10.7.1

Helmet: Required. Refer General Regulations 4.10.8.

Licence Requirements: Must have ANDRA UDL as a minimum. Subject to track sanction requirements. Refer Credentials 4.10.3.

Neck Collar: Refer General Regulations 4.10.7.2

Parachute: Compulsory on all vehicles exceeding 140 mph (224 kph) Refer General Regulations 4.4.6

Protective Clothing: As required for vehicles running 10.99 sec as a minimum. Refer General Regulations 4.10.10

Safety Belts: Minimum of four-point harness required. Refer General Regulations 4.10.11

General

Sponsor Decals: All racers must display the event and class sponsor decals on both sides of the race vehicle at all times during the event. Decals must be in a prominent location, clearly visible as required by Sport Compact Group Pty Ltd. Failure to do so will forfeit any prize purse posted and may lead to disqualification. No other event decals permitted.

Tow Vehicles: Permitted. Refer General Regulations 4.9.9.1 and 4.9.9.2

Warm Up Procedure: Refer General Regulations 4.9.11