

## **2021 RED CEDAR SPEEDWAY OFFICIAL HORNET RULES**

### **GENERAL**

THE SOLE INTENT OF THIS CLASS IS TO PROVIDE A LOW COST ENTRY LEVEL CLASS. THESE CARS ARE TO BE STRICTLY STOCK AND INTENDED TO STAY THAT WAY. ANY VIOLATIONS AND THE CAR AND DRIVER WILL BE DISQUALIFIED FROM THE CLASS. OFFICIALS DECISIONS WILL BE FINAL. OFFICIALS WILL DEAL WITH DRIVERS ONLY. DRIVERS ARE RESPONSIBLE FOR THE CONDUCT OF HIS/HER PIT CREW AND WILL BE PENALIZED FOR THEIR

INAPPROPRIATE BEHAVIOR.

1. PARENTS OF MINORS, THE DRIVER IS THE SPOKESPERSON FOR THE CAR(NOT YOU)!!
2. IF YOU HOLD A LICENSE, TEMPORARY OR REGULAR, IN ANY OTHER CLASS YOU WILL NOT BE ALLOWED TO RACE A HORNET.
3. THE MINIMUM AGE OF THE DRIVER IS 14 YEARS OF AGE. ANY DRIVER UNDER THE AGE OF 18 MUST HAVE A RELEASE FORM SIGNED BY A PARENT/LEGAL GUARDIAN
- 4 .ALL CARS MUST BE SAFETY INSPECTED PRIOR TO BEING ALLOWED TO RACE. IF ANY CAR IS FOUND TO BE UNSAFE BY RACE OFFICIALS THAT CAR WILL NOT BE ALLOWED TO RACE UNTILL THE INFRACTION IS CORRECTED.
5. RANDOM CHECKS WILL BE DONE ON ANY NUMBER OF CARS. MOTOR TEARDOWNS MAY BE PERFORMED BY TRACK ON ANY CAR.
6. FULL FACE HELMETS(SNELL SA2000 OR NEWER REQUIRED),FIRE SUIT,WINDOW NET, AND SEAT BELTS ARE MANDATORY AT ALL TIME ON THE TRACK.
7. NO ALCOHOLIC BEVERAGES MAY BE CONSUMED UNTILL ALL CLASSES OF CARS HAVE COMPLETED RACING. VIOLATION OF THIS RULE WILL RESULT IN DISQUALIFICATION AND/OR SUSPENSION.
8. NO UNSPORTSMAN LIKE DISPLAY OF TEMPER ON THE TRACK, INFIELD OR IN THE PITS AT ANYTIME.
9. PENALTIES: IF FOUND ILLEGAL, FINES AND/OR PENALTIES WILL BE IMPOSED BY RED CEDAR SPEEDWAY .FINES MUST BE PAID PRIOR TO A DRIVER COMPETING IN THE PURE STOCK CLASS OR ANY OTHER CLASS AT RED CEDAR SPEEDWAY.
10. RACECIEVERS ARE MANDATORY.
11. MUST BE ABLE TO PROVIDE A SHOP MANUAL UPON REQUEST.
12. ANYTHING NOT COVERED IN THESE RULES OR THE GENERAL TRACK RULES WILL BE DECIDED BY TRACK OFFICIALS.  
OFFICIALS DECISIONS ARE FINAL.

### **ELIGIBLE MODELS**

1. ANY 3 OR 4 CYLINDER UNITED STATES DOMESTIC MARKET (USDM) MUST BE CAR TYPE BODIES (NO PICKUPS) 2. FRONT WHEEL OR REAR WHEEL DRIVE ONLY. NO 4 WHEEL DRIVE OR ALL-WHEEL DRIVE ALLOWED

## INTERIOR

1. STEERING AND PEDALS MUST REMAIN STOCK. DASH CAN BE REMOVED AND REPLACED WITH TUBING WELDED TO THE ROLL CAGE TO SUPPORT DASH AREA TO ACCOMMODATE GAUGES.
2. ALL AIR BAGS MUST BE REMOVED.
3. INTERIOR FLOOR PAN MUST BE COMPLETE. NO HOLES IN PAN ALLOWED.
4. RACING SEATS ARE MANDATORY AND MUST BE FASTENED TO ROLL CAGE.

## ENGINE COMPARTMENT

1. THE ENGINE MUST REMAIN COMPLETELY STOCK FOR MAKE/MODEL/YEAR. USDM ONLY
2. STOCK TRANSMISSION.
3. No aluminum flywheels
4. HEADERS ALLOWED. EXHAUST PIPE MUST BE LEAK FREE AND RUN FROM ENGINE TO AN AREA BEHIND THE DRIVER, CATALYTIC CONVERTER CAN BE REMOVED, MAXIMUM 2 1/2" ID PIPING. ALL PIPES MUST BE SECURED THROUGH THE ENTIRE SYSTEM. NO PART OF THE EXHAUST SHALL BE IN THE DRIVERS COMPARTMENT, EXHAUST MUST EXIT OUT THE BACK OF CAR OR THE DRIVERS SIDE. MUFFLERS ARE MANDATORY, MUST RUN STOCK O.E.M. OVAL OFFSET MUFFLERS. NO TURBOS
5. BATTERY MUST BE SECURED BY 1/8th" X 1" STEEL STRAP WITH MINIMUM 3/8" HARDWARE.
6. ALL INSULATION UNDER THE HOOD MUST BE REMOVED.
7. COLD AIR INTAKE ALLOWED.

## BODY

1. SUNROOF OPENINGS MUST BE CLOSED.
2. REMOVE ALL GLASS. BROKEN GLASS MUST BE REMOVED FROM INSIDE THE CAR BEFORE ARRIVING AT THE SPEEDWAY.
3. A SCREEN MUST BE INSTALLED, TO REPLACE WINDSHIELD. SEE TECH FOR ANY LEXAN WINDSHIELDS.
4. ALL DOORS MUST BE CHAINED TO FRAME OR WELDED SHUT.
5. BUMPERS MUST HAVE EXPOSED CHAIN FOR TOW TRUCK TO ATTACH. BUMPERS CAN BE STOCK OR REPLACED WITH A SINGLE TUBE WITH A HOOP TO PROTECT RADIATOR, NO WIDER THAN THE FRAME RAILS AND NO HIGHER THAN THE TOP OF THE HOOD. 1 1/2" .095 DIAMETER TUBING ONLY. NO HEAVILY REINFORCED OR COW-CATCHER FRONT OR REAR BUMPERS WILL BE ALLOWED.
6. HOOD AND TRUNK MUST BE SECURED WITH HOOD PINS ONLY. ALL FACTORY HOOD AND TRUNK LATCHES MUST BE REMOVED.
7. GUTTING OF DOOR PANELS TO ALLOW INSTALLATION OF ROLL CAGE IS ALLOWED. DOORS MUST MAINTAIN STOCK APPEARING CONFIGURATION.
8. ALL BODY PANELS MUST REMAIN STOCK. HOODS, TRUNK LIDS, FRONT AND REAR QUARTER PANELS MAY BE SKINNED FOR EASY REPAIR.

9. FLOOR BOARDS, FRONT AND REAR FIREWALLS MUST BE COMPLETE AND INTACT - NO HOLES ALLOWED

10. DECKING IS ALLOWED, MUST HAVE 12" X 12" INSPECTION HATCH.

#### SUSPENSION

1. STEERING AND SUSPENSION MUST REMAIN STOCK. RIDE ATTITUDE MUST BE MAINTAINED. No heating or cutting springs

2. 2" CAMBER ALLOWED MEASURED WITH CARPENTER SQUARE.

3. 1 SPRING RUBBER ALLOWED.

#### WEIGHT OF CARS

1. CARS MUST WEIGH A MINIMUM OF 2100 POUNDS. ADD WEIGHTS FOR THE FOLLOWING: MORE THAN 3 VALVES/CYLINDERS : 100 POUNDS DOHC : 100 POUNDS.

2. BALLAST MAY BE ADDED TO THE CAR. LOOSE OBJECTS WILL NOT BE ALLOWED IN THE DRIVERS COMPARTMENT. ANY WEIGHT ADDED TO THE VEHICLE MUST BE SECURELY MOUNTED USING A MINIMUM OF (2) 1/2" BOLTS THROUGH THE WEIGHT. WEIGHTS MUST BE PAINTED WHITE AND HAVE YOUR NUMBER PAINTED ON THE WEIGHT. IF FOR ANY REASON A WEIGHT FALLS OFF THE CAR WILL BE DISQUALIFIED FROM THE RACE. WHEN ADDING WEIGHT TO THE CAR IT MUST BE ADDED IN SUCH A MANNER AS TO DISPLACE THE WEIGHT EVENLY ACROSS ALL AXLES.

3. MINIMUM WEIGHT MUST BE WRITTEN ON LEFT FRONT FENDER IN 2" HIGH NUMBERS IN SUCH A MANNER THAT IT IS READABLE BY THE SCALE OPERATOR.

4. MANAGEMENT RESERVES THE RIGHT TO CHANGE ANY CARS MINIMUM WEIGHT TO EQUAL THE FIELD. WINNERS OF 2 OR MORE RACES MAY HAVE TO ADD 100-500LBS AT MANAGEMENTS DISCRETION.

#### COOLING SYSTEM

1. ANY RADIATOR ALLOWED WHICH WILL FIT IN THE STOCK MOUNTS. AN OVERFLOW CONTAINER MUST BE MOUNTED IN ENGINE COMPARTMENT.

#### GAS TANK

1. IF GAS TANK IS AHEAD OF THE REAR AXLE, IT MAY REMAIN IN PLACE. IT IS RECOMMENDED THAT A SKID PLATE BE INSTALLED TO PROTECT TANK FROM BOTTOM. IF THE GAS TANK IS BEHIND AXLE IT MUST BE REPLACED WITH A FUEL CELL (MAX. 8 GAL.).MUST BE COVERED IN HATCHBACK IN A METEAL CASE. FUEL CELLS MOUNTED IN THE TRUNK ARE HIGHLY RECOMMENDED.

#### TIRES

1. DOT TIRE WITH A MAXIMUM ASPECT RATIO OF 50,55,60,65,70, OR 75 ONLY. 300 TREAD WEAR MINIMUM

2. MAXIMUM RIM DIAMETER 16" AND SAME SIZE RIMS ON ALL 4 CORNERS.

3. RACE WHEELS WILL BE ALLOWED MUST BE A 3" OFFSET AND USE A 1" LUG NUT.

## SAFETY

1. HELEMTS ARE REQUIRED AND MUST BE A MINIMUM OF SNELL 2000 SA RATED (SNELL 2005 SA RATED RECOMMENDED). HELEMT MUST BE WORN AT ALL TIMES WHEN THE CAR IS ON THE TRACK, AND MUST ACCOMPANY THE VEHICLE AT TIME OF INSPECTION. THE HELEMT MUST HAVE A FACE SHIELD OR EYEWEAR PROTECTION, WHICH MUST BE IN PLACE WHEN ON THE TRACK.
2. SHOULDER HARNESS, BELTS, RESTRAINTS, AND NETS. A COMPETION SHOULDER HARNESS AT LEAST 3" WIDE AND A LAP BELT AT LEAST 3" WIDE ARE REQUIRED. NO O.E.M FACTORY TYPE SHOULDER BELTS OR STAPS ALLOWED. METAL TO METAL BUCKLES ARE REQUIRED ON THE SHOULDER HARNESS AND LAP BELT. THE HARNESS MUST BE MOUNTED IN AT LEAST 5 POINTS BELOW THE DRIVERS SHOULDER SUB STRAP. BELTS MUST BE NO MORE THAN 5 YEARS OLD. WINDOW NETS WITH A QUICK RELEASE TYPE LATCH AT THE TOP IS MANDATORY.
3. ROLL BAR PADDING AND NECK BRACES ARE STONGLY RECOMMENDED.
4. GLOVES AND FLAME-RETARDANT NATURE (NOMEX TYPE) MATERIAL DRIVING SUITS REQUIRED

## ROLL CAGES

1. MAIN CAGE MUST BE A MINIMUM OF 1 1/2" OUTSIDE DIAMETER .095" MILD STEEL TUBING. 3 DRIVER DOOR BARS ARE MANDATORY.(VENT BARS ARE ALSO MANDATORY) MUST CONSIST OF CONTINUOUS HOOPS NOT LESS THAN THE 1 1/2" OUTSIDE AND WALL THICKNESS OF .095".
2. MUST BE FRAME-MOUNTED IN AT LEAST 6 PLACES.
3. MUST CONSIST OF A CONFIGURATION FRONT AND REAR HOOPS CONNECTED TUBING ON THE SIDES OR SIDE HOOPS IN A MANNER DEEMED ACCEPTABLE BY THE TECH INSPECTOR. DRIVERS HEAD MUST NOT PROTRUDE ABOVE THE CAGE WITH A HELEMT ON AND STRAPPED IN THE DRIVERS SEAT. ROLL CAGE MUST BE SECURELY SUPPORTED AND BRACED.
4. LOW-CARBON, MILD STEEL TUBING IS MANDATORY. NO IRON PIPE OR SQUARE TUBING ALLOWED. NO BRAZING OR SOLDERING ALLOWED.
5. ROLL CAGE MUST HAVE A 3/16th" INSPECTION HOLE IN A NON-CRITICAL AREA.
- 6.SIDE DOOR BARS MUST BE AS PARALLEL WITH THE GROUND AS POSSIBLE AND LOCATED PERPENDICULAR TO THE DRIVER, SO AS TO PROVIDE MAXIMUM PROTECTION FOR THE DRIVER, BUT WITH OUT CAUSING UNDUE DIFFICULTY IN GETTING INTO OR OUT OF THE VEHICLE. THE SIDE BAR MUST BE WELDED TO THE FRONT AND REAR OF THE ROLL CAGE MEMBERS. NO BRAZING OR SOLDERING ALLOWED, AND MUST BE ATTACHED TO THE FRAME IN AT LEAST 4 PLACES.

## KILL SWITCH

1. A KILL SWITCH IS REQUIRED AND MUST BE WITHIN EASY REACH OF THE DRIVER WITH THE SHOULDER HARNESS AND LAP BELT FULLY CINCHED. THE SWITCH MUST BE CLEARLY MARKED "ON" AND "OFF"

## MIRRORS AND RADIOS

1. NO MIRRORS OR TWO-WAY RADIOS OF ANY KIND ALLOWED AT ANY TIME.
- ## STEERING WHEEL
1. QUICK DISCONNECT STEERING WHEEL IS ALLOWED, AS LONG AS THE STEERING WHEEL STAYS LOCATED IN THE STOCK POSITION.

## BRAKES

1. ALL CARS MUST HAVE BRAKES ON ALL 4 WHEELS AND MUST BE IN WORKING ORDER

## NUMBERS

1. MINIMUM 18" HIGH NUMBERS ON BOTH DOORS AND ROOF. 6" HIGH NUMBERS ON THE FRONT OF THE CAR.

## ELIGIBILITY

1. EXPERIENCED DRIVERS ARE ACCEPTABLE, BUT PREVIOUS RACE DRIVING EXPERIENCE MAY DISQUALIFY YOU. MANAGEMENT WILL RESOLVE ANY QUESTIONS OF ELIGIBILITY. THE GOAL OF THIS CLASS IS TO BE A BEGINNER AND INEXPENSIVE CLASS.

## MANAGEMENT CLAIM RULE

1. MANAGEMENT HAS THE RIGHT TO CLAIM ANY CAR AT ANY TIME.
2. THE CLAIM AMOUNT FOR A HORNET IS \$1000.00. THE CLAIM AMOUNT DOES NOT INCLUDE RACING SEAT, SEATBELTS, FUEL CELL, OR ANY SAFETY EQUIPMENT.
3. IF YOU REFUSE A LEGAL CLAIM YOU WILL FORFEIT ANY POINTS TROPHIES AND PRIZE MONEY FOR THE ENTIRE SEASON. CAR AND DRIVER WILL BE INELIGIBLE TO COMPLETE FOR THE ENTIRE SEASON.
4. ANY CAR/DRIVER WITH 3 CONSECUTIVE FEATURE WINS WILL START THE FEATURE IN THE BACK OF THE REDRAW.

## 1ST OFFENSE

### FINES FOR VIOLATIONS

DURING HEAT RACE-DISQUALIFIED FOR THAT RACE (WILL BE ALLOWED TO RUN FEATURE IF VIOLATION IS CORRECTED)

DURING FEATURE-DISQUALIFIED FOR THE RACE, LOSS OF WINNINGS AND NO TRACK POINTS FOR THAT NIGHT

### 2ND OFFENSE FOR SAME INFRACTION

DISQUALIFIED FOR THE NIGHT, LOSS OF POINTS FOR THE ENTIRE YEAR, LOSS OF WINNINGS FOR THE NIGHT.

### 3RD OFFENSE FOR THE SAME INFRACTION

SAME AS 2ND OFFENSE PLUS \$100 FINE PAYABLE TO RED CEDAR SPEEDWAY. MUST BE PAID BEFORE CAR AND DRIVER CAN COMPETE.

A RULE INFRACTION FOR A DIFFERENT ISSUE RESORTS TO A 1ST OFFENSE. (EXAMPLE A MUFFLER VIOLATION THEN A WHEEL VIOLATION ON A DIFFERENT DATE)

