

## 2020 Patriots Park Raceway

### 604 Late Model Rules

THE ABSENCE OF A SPECIFIC RULE DOES NOT IMPLY CONSENT, APPROVAL OR PERMISSION REGARDING THE SUBJECT AND ANY DOUBTS OR QUESTIONS ABOUT IT SHOULD BE DIRECTED TO TRACK OFFICIALS.

TRACK RESERVES THE RIGHT TO CHANGE RULES AT ANY TIME.

ALL DRIVERS MUST WEAR A RACING HELMET, ONE OR TWO PIECE FIRESUIT, RACING GLOVES AND RACING SHOES DURING COMPETITION.

HEAD AND NECK RESTRAINTS REQUIRED, AND WINDOW NETS RECOMMENDED

ALL CARS MUST HAVE A FIRE EXTINGUISHER IN DRIVERS COMPARTMENT. ( FIRE BOTTLE SAFETY SYSTEM OK)

ALL DRIVERS MUST HAVE A WORKING 10LB FIRE EXTINGUISHER IN THEIR PIT AREA.

ALL WEIGHTS MUST BE PAINTED WHITE.

#### WHEEL BASE:

- 1) 103 " Minimum

#### SUSPENSION:

- 1) STANDARD LATE MODEL SUSPENSIONS ONLY. NO SPRING LOADED OR SHOCK TYPE 4 BAR RODS.  
ONLY STANDARD SOLID BAR 4 BAR RODS. NO TORSION BAR FRONT OR REAR SUSPENSION.
- 2) STANDARD ONE PIECE BIRD CAGES; NO SPLIT BIRD CAGES.
- 3) CHASSIS MOUNTS MUST BE RIGID, NO MOVEMENT

## **SHOCKS:**

- 1) STANDARD LATE MODEL SUSPENSIONS EQUALS ONE (1) SHOCK PER WHEEL, EXCEPT ON THE LEFT REAR. LEFT REAR IS ALLOWED TWO (2) SHOCKS; ONE (1) IN FRONT OF THE REAR END AND ONE (1) BEHIND REAR END. SHOCKS MUST BE MOUNTED VERTICAL TO THE AXLE TUBE, NOT HORIZONTAL.
- 2) SHOCKS AT ANY POSITION ON THE RACE CAR, INCLUDING LIFT BAR OR TORQUE ARM SHOCKS MUST BE CONSTRUCTED OF MAGNETIC STEEL OR ALUMINUM. SHOCKS OF THE THRU DESIGN ARE **NOT** PERMITTED. REMOTE RESERVOIRS ARE PERMITTED. EACH SHOCK MAY HAVE A MAXIMUM OF TWO (2) EXTERNAL ADJUSTMENT MECHANISMS. EXTERNAL RESERVOIR MAY HAVE ONLY ONE (1) EXTERNAL ADJUSTMENT. ADJUSTER MECHANISMS MAY **NOT** BE HIDDEN BY THE ROD END. ALL ADJUSTERS MUST BE LOCATED ON THE SHOCK BODY, SHOCK ROD OR ON THE REMOTE RESERVOIR. COCKPIT ADJUSTABLE SHOCKS ARE **NOT** PERMITTED. **NO** REMOTE ADJUSTABLE SHOCK WILL BE PERMITTED INCLUDING ELECTRONIC ADJUSTMENT, EITHER HARD WIRED OR WIRELESS. SHOCK/DAMPER DEVICES THAT ARE OR CAN BE REFERRED TO OR DEFINED AS AN INERTER OR REFERRED TO OR DEFINED AS A J-DAMPER ARE **NOT** PERMITTED ANYWHERE ON THE CAR.

## **ENGINE:**

- 1) GM 602- CAR WEIGHT 2200 lbs. POUND PER LAP BURN-OFF. FEATURE ONLY.
- 2) GM 604- CAR WEIGHT 2300 lbs. AFTER RACE. POUND PER LAP BURN-OFF. FEATURE ONLY
- 3) **ALL** ENGINES **MUST** BE SEALED WITH FACTORY GM SEALS OR BY AN AUTHORIZED ENGINE BUILDER. ENGINE MUST MEET CRATE USA RACING RULES.
- 4) ENGINE **MUST** HAVE FAN BLADES AT ALL TIMES
- 5) **ABSOLUTELY NO POWER ADDERS!!** (NITROUS, CHEMICALS, SUPERCHARGERS, ETC.)
- 6) ENGINE MUST BE RUNNING IN STAGING PRIOR TO QUALIFYING.
- 7) **NO TRACTION CONTROL DEVICES OF ANY TYPE.**

## **CARBURETOR**

- 1) Any 750 CFM OR SMALLER.
- 2) MAY USE 1" SPACER. .040 TOLERANCE MAXIMUM.

## **HEADERS:**

- 1) **NO** TRI-Y

- 2) **NO** SQUARE TUBE

**TRANSMISSION:**

- 1) ANY; MUST HAVE WORKING CLUTCH AND FORWARD AND REVERSE GEARS.

**DRIVESHAFT:**

- 1) CARBON FIBER, PREFERRED
- 2) ALUMINUM

**WHEELS:**

- 1) 14" MAXIMUM.

**TIRES:**

- 1) **HOOSIER ONLY**

Hoosier	
SPEC 1350	CRATE 21
SPEC 1600	CRATE 55

- 2) GROOVING AND SIPING OR NEEDLING **IS NOT** ALLOWED (ONLY ORIGINAL FACTORY GROOVES MAY BE REGROOVED AND REPLACED).
- 3) MAY SIPE SPEC 1600 OR CRATE 55
- 4) GRINDING O K
- 5) **NO CHEMICALS**
- 6) TIRE SAMPLE PROTEST \$150 EACH TIRE. TOP THREE

**SPOILERS:**

- 1) 8" MAXIMUM

**IGNITION:**

- 1) ANY IGNITION, **NO** MAGNETOS

**FUEL:**

- 1) PUMP GAS OR RACING FUEL ONLY. E-85 OK.
- 2) **NO** ALCOHOL OR METHANOL
- 3) **NO** TRACTION CONTROL DEVICES OF ANY TYPE!

**BODY:**

- 1) MUST MEET CRATE RACIN RULES. SEE DIAGRAM

**PROTEST:**

- 1) TOP OF ENGINE 602/604: \$400
- 2) BOTTOM 602/604: \$400
- 3) TIRE SAMPLE PROTEST: EACH TIRE \$150 MUST FINISH IN TOP THREE.
- 4) CRATE MOTOR CLAIM RULE- \$6400
- 5) CHECK VALVE SPRINGS - \$200
- 6) P&G - \$200
- 7) BORE SCOPE - \$100
- 8) CAMSHAFT (CHECK INT/EXHAUST) - \$200