



**2019**

**Fairgrounds**

**Speedway Nashville**

**Driver Handbook**

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## **COMPANY DIRECTORY**

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### **Tire Barn Schedule**

- **Tire Barn will be open on each Thursday during race season from 5:30 pm – 7:00 pm. Any changes will be announced prior. Please note that tire barn will not be open for track rental unless approved prior.**

### **5/8 Mile Tire Pricing**

- **Set of F-50's: \$675**

### **1/4 Mile Tire Pricing**

- **Set of F-50 Take Off: \$100**

### **Fuel**

- **\$10 per gallon**

# **GENERAL RULES**

## **1. APPLICATION**

- 1.1** Fairgrounds Speedway and its officials have reserved the right to amend, modify and/or change any of the rules, terms and/or conditions at any time without prior notice. By participating in our event(s)/practices you are adhering to these terms.
- 1.2** This general rules section applies to each racer, mechanics and all pit personnel.
- 1.3** You are expected to know the rules; ignorance will not be tolerated as an excuse.

## **2. CONDUCT**

- 2.1** Any fighting or reckless driving will be subject to disciplinary and/or legal action depending on the seriousness of the incident and the decision of the Track Officials & Management
- 2.2** At any time any if a car is used or intended to be used as a weapon or to cause harm the driver will be removed from the race. The driver & crew will be suspended indefinitely.
- 2.3** Any car that purposely causes another wreck or takes out another car will immediately be black flagged. Driver will lose all points and purse. This also includes if any driver is parked for the night for rough driving and/or black flagged.
- 2.4** We demand courteous conduct from all participants at all times. We will not tolerate profanity in front of race fans, other participants, Officials or Management.
- 2.5** Profane signs on your car, sex signs, swastikas or obscene symbols on your car or clothes are not encouraged.
- 2.6** Penalties and fines for violation of the conduct, race procedure and general rules may be implemented per this rulebook to all participants at the discretion of the Track Officials or Management.
- 2.7** At any time the display of a weapon or threat of bodily harm will result in permanent suspension and arrest for all parties involved.
- 2.8** Fairgrounds Speedway is private property. Any person on this property without the expressed permission of Fairgrounds Speedway, Its owners or management is guilty of trespass and is subject to the penalties prescribed by law.
- 2.9** Administration of the Fairgrounds Speedway reserves the right to revoke and cancel this authority at any time that it is felt your presence or conduct is not in the best interest of the sport of auto racing, your fellow competitors, the fans, staff and management of the Fairgrounds.

## **3. PREVAILING POLICY**

- 3.1** The racing officials and management will resolve any disagreement over technical questions or operations and their decision is final and binding.
- 3.2** The Speedway Management and Officials will establish the length, frequency and administration of all events and programs.
- 3.3** Track officials and scoring will determine all finishing positions and their decision is final.

- 3.4 Any complaints, disputes, questions or problems must be directed to the president or vice president immediately following the event.
- 3.5 Competitors and/or crews are not allowed in the scoring or officials tower, for any reason, without expressed approval from the President or Vice President. If approved, no competitor and/or crew may enter officials' tower no sooner than 15 minutes after completion of last event. Minimum fine \$100.00.
- 3.6 Continuous developments in racing may necessitate changes. IF necessary Fairgrounds Speedway may update, modify and add to or delete rules by technical bulletin.
- 3.7 The "EIRI" (except in rare instances) rules is always in effect and applicable.
- 3.8 Independent Contractor Status- All participants are and shall be independent contractors and agents, servants, or employees. Participants shall use.
- 3.9 **EMERGENCY ACTION:** If the act or omission of a Member is determined by an official or management to constitute a serious threat to the orderly conduct of the race or racing procedures, that official may take action against the member. Action may include ejection from racetrack and premises, fine, legal action or any other action designed to remove the threat created by the member.

#### **4. RESTRICTED AREA POLICY**

- 4.1 Full shoes, pants and shirts covering shoulders and torso are required when working on cars in the pit area and at all times while on pit road. This includes practice if any member caught doing otherwise, Driver will be penalized 1 lap during race. Shorts will be permitted in the pits but WILL NOT be permitted over pit road.
- 4.2 Possession, consumption or distribution of any alcoholic beverage or controlled substance at any time while in the restricted areas is prohibited and subject to a fine or not less than \$250 and suspension.
- 4.3 The procedure on all participants as it relates to use, distribution or possession of drugs, narcotics or alcohol will be enforced. By entering the restricted area, all participants agree to this policy and procedure.

#### **5. RACETRACK OPERATING PROCEDURE**

- 5.1 The only people allowed on racetrack are speedway staff and officials. Anyone else found on track will be suspended and driver will be automatically DQED with NO points and NO pay **and is subject to being fined.**
- 5.2 When disabled, drivers must stay in car. Do not un-belt. Do not remove your helmet or seat belts. Do not get out and examine the damage to your car until authorized by Fairgrounds Speedway staff to do so. If unhurt, please lower window net immediately to signal safety workers you are fine.
- 5.3 **The only reason to exit a car is if it were on fire. If you exit your vehicle without permission from Fairgrounds Speedway staff you will not be eligible to return to competition for that event.**
- 5.4 Any car exiting pit road must obey the blend line during all race events.
- 5.5 The track may not be used for practice at any time other than the times designated in these rules.
- 5.6 Any competing vehicle, whose speed has been reduced to a point where it causes a safety issue or retards the track activity, will be removed from the racing surface at the option of the officials.

- 5.7 All drivers must monitor 454.000 either by a one-way radio or RaceCeiver. If the any driver is found to not have a functioning radio they are subject to disqualification for that event.
- 5.8 Pit road speed is 35 mph and will be monitored by track officials and tower.
- 5.9 Our racing program is based on the availability of enough vehicles qualified. If this number is not available, alternative scheduling or programming will be used.
- 5.10 Any Event is completed when the leader has run over one half of the scheduled length or terminated by the officials of safety seasons, time limits or curfew reasons.
- 5.11 During racing conditions, Five (5) crew members over the pit wall maximum unless otherwise stated in a technical bulletin. One (1) jack and One (1) air wrench with a single socket capable of removing or attaching one (1) lug at a time will be permitted. The crew members over the wall during racing conditions must have all body parts covered, minimum short sleeve shirt, closed toe shoes and long pants.
- 5.12 During racing conditions, any crew member involved in fueling the car, must have all body parts covered in flame resistant clothing and/or equipment.
- 5.13 Only One (1) driver per car and per car number will be allowed to compete.
- 5.14 Only drivers registered with Fairgrounds Speedway for each division and car number may enter the racing surface.
- 5.15 Any car causing three (3) cautions will be parked.
- 5.16 Any lead lap driver who is involved in a incident that is caused by a lapped car, if available to stay on track and compete, driver will retain original position prior to incident.
- 5.17 Winner Circle will be on stage. Car is to be left on front straightaway; Car will be required to have a staff official present. All people entering the grandstand gates will be required to have a pit pass to enter and re-enter.

## **6. PAY OFF PROCEDURE**

- 6.1 All purse money is subject to a full field of twelve (12) vehicles.
- 6.2 Any class that does not have a full field is subject to a reduced purse without notice. Director of Competition or Division Official will attempt to notify you prior to the start of the scheduled event.
- 6.3 All purse money is paid to the driver and will receive 1099 tax information, unless stated otherwise on registration form prior to race season.
- 6.4 Payoff will only be made for actually full or 50% completed events.
- 6.5 If a program is shortened by rain or by an unforeseeable event and no rain checks issued, payoff will be made for only events completed. (EIRI)
- 6.6 All race results will be posted by scoring as they become official
- 6.7 Payoff will be after completion of event. Checks will be available on the Friday following the event unless official results are pending. Checks will be held in Speedway office until 5pm of the Friday following each race. If check is not picked up by responsible party, it will be mailed that same day.
- 6.8 Fairgrounds Speedway will not be held responsible for ANY payee address changes made throughout race season.

## **7. DRIVER AND TEAM RESPONSIBILITIES**

- 7.1 Any time the conduct of any competitor, team member or family member is a discredit to Fairgrounds Speedway, the racing industry, the general public and fans or to themselves, they will be removed from all racing activity at the Fairgrounds Speedway and/or fined.
- 7.2 Responsibilities of the driver and the entire crew are addressed in the Fairgrounds Speedway rule book.

- 7.3 Assault both verbal and/or physical to any Fairgrounds Speedway employee will result in a fine no less than \$500 and/or suspension of driver and all parties involved for no less than one calendar year. Police will be notified and charges may be filed.
- 7.4 Infractions caused by crewmembers, car owners, family or associates may result in suspension or explosion of car, driver and all parties involved for said event or events. The driver takes all responsibilities for their crew members, car owners, family or associates.
- 7.5 Golf carts, scooters, four wheelers and etc. are only allowed in the pit area if operated by drivers sixteen (16) years of age and older. All carts, ATVs will be subject to permitted fees to be paid for the season and/or by event. Anyone caught operating a vehicle recklessly or under the age requirement will be removed from the property without refund.
- 7.6 If a wreck occurs on the race track, Crew members crossing wall on front stretch will be penalized one lap or parked.
- 7.7 If a driver does not have a spotter with required radio on before cars begin to roll off pit road, Driver will be held on pit road.
- 7.8 Driver will be responsible for all entry forms being completed. If any changes occur at any time to drivers information throughout race season Fairgrounds Speedway will not be held responsible. **If you have not completed your driver registration you WILL NOT be allowed on the track for event.**

## 8. RACE CAR PROCEDURE

- 8.1 All laps are subject to a full field of twelve (12) vehicles.
- 8.2 Any field with less than twelve (12) vehicles is subject to a lap reduction without notice. Director of Competition or Division Official will attempt to notify you prior to the start of the scheduled event.
- 8.3 Each car may qualify once by either time trials, qualifying races or procedures set by officials.
- 8.4 A driver may swap with a car that has qualified; however, the driver must start in the rear of the feature event and notify the Director of Competition or Division Official before start of feature event.
- 8.5 Failure to time trail or run preliminary race may exclude car from the feature field. Non- qualified car may receive rear-starting positions when field is less than posted starting number of cars.
- 8.6 Car and driver must run all preliminary events (if mandated) to maintain feature- starting position.
- 8.7 If necessary, an alternative to the feature event line-up will be selected. Finish of preliminary races, draw or top point driver in current point's basis will be used in selection of preliminary races.
- 8.8 An alternate starting field car may be selected to join the starting field if a qualified car fails to join the field at "one to go".
- 8.9 A car is only allowed to compete in one (1) division per night. It **MUST** be the division the car qualifies and is registered to.
- 8.10 Once approved by director of competition, a driver change may only be made in the pit area.
- 8.11 Any competitor that changes a performance enhancing part must notify officials prior to said changes and will start in the rear of the feature event.
- 8.12 All drivers must check-in with division officials upon arrival at track and must have all fees, fines and paperwork up to date.
- 8.13 Any unauthorized driver changes may result in immediate disqualification
- 8.14 If a driver must be relieved by another driver, points will be awarded to the driver completing the first green flag lap.
- 8.15 All fuel and tires used for competition at the Fairgrounds Speedway must be purchased through Fairgrounds Speedway tire barn. Excluded all quarter mile divisions **EXCEPT Limited Late Model FUEL, fuel must be purchased through FGSN.** Receipts may be required at any time unannounced.
- 8.16 Crews may help rush car into qualifying line until they enter restricted area line, at this time no one is allowed around car unless otherwise directed by track official. A track official may

require the car to be started and driver to the qualifying line. The restricted area line will be marked accordingly.

## 9. **PROTEST**

**9.1** Only Fairgrounds Speedway registered car owners and drivers finishing with in five positions behind protester are eligible to file a protest of any kind. The protest must be filed within 10 minutes in writing following the finish of the event with the director of competition or division official.

**9.2** Driver which protest another competitor, will have the same part(s) inspected. Both motors will inspected at the same time.

**9.3** Protest fee described below, must be deposited in cash with the director of competition before inspection begins.

### **9.4** PROTEST COST

- All ¼ mile divisions: \$1,500.00 to look at everything. \$1,000.00 to look at top half only. Protester must tear down first. Speedway keeps 30%, win or lose.

- All 5/8 mile divisions: \$2,000.00 to look at everything. \$1,500.00 to look at top half only. Protester must tear down first. Speedway keeps 30%, win or lose.

**9.5** All visual protest must be filed no later than the start of the division race before the event for which the protest is made. No exceptions! All protest must be filled no later than 15 minutes prior to display of checkered flag of that event. No exceptions!

**9.6** Car Owner and/or driver may select a substitute to take their place at the protest site if needed.

**9.7** When the protesters' part(s) are inspected, only the protesters' car owner and driver, Fairgrounds Speedway Tech staff & track appointed personnel will be allowed at protest site.

**9.8** When the protestees' part(s) are inspected, the protesters' car owner and driver may also be present.

**9.9** Any decisions, findings, results, changes, corrections or additions will be made subject to conditions at the time subject to approval by official language.

### **9.10** PROTEST TERMS RULE

- Rules apply for all divisions.
- Protest must be at scales immediately after the feature. Once protest is filed, it will not and cannot be withdrawn.

## 10. **INSPECTION AND PENALTIES**

**10.1** Competitor Obligations – A competitor must take whatever steps are required, including teardown of the car, as requested by an official to facilitate inspection of the car.

**10.2** All competing cars will be subject to technical inspections every night throughout the season at a time and interval determined by director of competition. No forewarning must be made.

**10.3** Any car not conforming to the rules will be subject to several methods of corrections or penalties.

**10.4** All parts declared illegal by inspection or protest will be confiscated by officials (EIRI)

**10.5** Any competitor failing to surrender to officials any part and/or equipment that fail to meet Fairgrounds Speedway specifications will be disqualified for entire event, and minimum two race suspension with possible cash fine. Competitor will also forfeit all points.

**10.6** On all protest or inspections, it is the driver's duty to prove his legality, not the officials to prove the violation.

- 10.7 Any competitor failing to have any part inspected at the request of an official will be suspended for one (1) race event and disqualified for entire event.
- 10.8 If fuel is found illegal, competitor will forfeit all winnings from the event and receive one event suspension.
- 10.9 First Offense: Minimum Points and NO pay. Any additional offense: NO points and NO pay.
- 10.10 Any car that has not completed preliminary tech may not participate in practice, qualifying or any race event.

## **11. MISCELLANEOUS**

- 11.1 Car must take initial green flag of feature to receive points/pay for event (EIRI)
- 11.2 Anyone entering pit area, all shoes must be closed toed shoes, anyone disobeying rule will be asked to leave speedway for the remainder of the event. Members going over pit road wall must have full pants on. If anyone found around competitors car that do not meet these requirements driver will be penalized 1 (one) lap – No EXCEPTIONS!
- 11.3 Fairgrounds Speedway reserves the right to correct/adjust any discrepancies, made by racetrack, in results and points standings at any time.
- 11.4 Car numbers must be clear and legible to be scored
- 11.5 Competitors must fill out proper paperwork and have all fees paid to be scored & receiving monies.
- 11.6 Cars must line up according to officials/scoring immediately. Cars not falling into their designated positions immediately will be black flagged.
- 11.7 If at any time any driver is put in a situation to where they must drive another car with another number driver is RESPONSIBLE for changing the number of that car to the number the driver is registered to.

## **12. SOCIAL MEDIA**

10.1 At Fairgrounds Speedway Nashville, we understand that social media can be a fun and rewarding way to share your life and opinions with family, friends and co-workers around the world. However, use of social media also presents certain risks and carries with it certain responsibilities. To assist you in making responsible decisions about your use of social media, we have established these guidelines for appropriate use of social media.

10.2 This policy applies to all event participants including but not limited to: drivers, crew members, family, friends, employees etc.

10.3 Social media includes all means of communicating or posting information or content of any sort on the Internet, including to your own or someone else's web log or blog, journal or diary, personal website, social networking or affinity web site, web bulletin board or a chat room, whether or not associated or affiliated with Fairgrounds Speedway Nashville, as well as any other form of electronic communication.

10.4 You are solely responsible for what you post online. Before creating online content, consider some of the risks and rewards that are involved. Keep in mind that any of your conduct that adversely affects your job performance, the performance of fellow competitors or otherwise adversely affects sponsors, employees etc. may result in disciplinary action.

10.5 Inappropriate postings that may include discriminatory remarks, harassment, and threats of violence or similar inappropriate or unlawful conduct will not be tolerated and may subject you to disciplinary action up to and including indefinite suspensions and/or fines.

## **13. TRACK RENTAL**

- 11.1 THE FULL TRACK RENTAL AMOUNT WILL BE DUE AT TIME OF BOOKING – NO EXCEPTIONS!

- 11.2 5/8 Mile Cars and 1/4 Mile Cars CAN NOT practice together during the same 4 hour session.
- 11.3 FGSN requires a 5 day notice to schedule a track rental, if the requested date is available – NO EXCEPTIONS!
- 11.4 No Refund will be given if track conditions become unsafe by a car or crew mid-rental.
- 11.5 Cancellation Clause:
- Any type of cancellation other than weather conditions will require a 48-hour minimum cancellation notice. If a 48-hour notice is provided to the Fairgrounds Speedway you will be allowed to move your scheduled track rental date to another available date.
  - If a 48-hour cancellation notice is not provided to the Fairgrounds Speedway for conditions other than weather you will lose your track rental credit and it will NOT be allowed for use on any date.
- 11.6 Fairgrounds Speedway staff is NOT responsible for collecting money from other teams
- 11.7 **10 Car MAXIMUM – NO EXCEPTIONS**
- 11.8 **MUFFLERS ARE REQUIRED DURING TESTING AT ALL TIMES – NO EXCEPTIONS**
- 11.9 **SOCIAL MEDIA AND PERSONAL TEXT WILL NOT BE ACKNOWLEDGED. MUST CALL 615-254-1986 OR EMAIL [INFO@FAIRGROUNDSSPEEDWAYNASHVILLE.COM](mailto:INFO@FAIRGROUNDSSPEEDWAYNASHVILLE.COM).**

#### **14. AGE/ROOKIE POLICY**

- 12.1 All drivers that compete at the Fairgrounds Speedway Nashville must be at least 16 years of age with a valid driver's license.
- 12.2 Any driver who plans to compete under the age of 16 without a valid drivers license may contact speedway management at least 7 days prior to an event with the following: racing resume, birth certificate, cover letter including what division driver intends to run. Track management will send information to track insurance policy holder and insurance company can give written permission to approve or disapprove driver.
- 12.3 INEX sanctioned Legends are not included in the above rules 12.1 & 12.2.
- 12.4 Any driver planning to compete on the 5/8 mile who has never competed in a Pro Late Model or a Super Truck division at any track must complete a minimum number of practice hours or laps. Please see track management for further information.

# **SCORING RULES**

## **1. TRANSPONDERS**

- 1.1 Westhold transponders are used in all events. Rechargeable (Yellow) or Hardwire (Orange).
- 1.2 Transponders are to be mounted on the rear axle tube. If you have an under slung car then they should be mounted on the bar in front of, behind or angle bar as it comes out from under the axle. INEX divisions should refer to the INEX rulebook.
- 1.3 The silver label of the transponder should be down to the track at the lowest position possible. So that the transponder should be horizontal to the ground.
- 1.4 It is the driver(s) responsibility to have a working transponder at all times. If the transponder quits working scoring is not responsible to score your vehicle.
- 1.5 If the driver(s) needs to rent a transponder it is their responsibility to come to the FGSN office to obtain an unit.
- 1.6 The rented unit must be returned at the end of competition to the FGSN office.
- 1.7 Any unit not returned within one business day will receive a fine of \$20 per day.
- 1.8 If the rental unit is not returned within five (5) business days the cost of the unit \$250 will be removed from the payout check.
- 1.9 Payout checks for any driver(s) that rented a unit whom did not return the transponder. Is subject to not be released until seven (7) business days following an event.

## **2. QUALIFYING**

- 2.1 For all events the second and/or final practice session for each event will be transponder time to set the field for the event. Unless notified otherwise.
- 2.2 Discretion will be given toward car count and/or groups of cars will be sent out for a selected amount of laps and/or time for each division. Minimum number of laps to be given is two (2) with a maximum number of laps given to not exceed five (5).
- 2.3 All division's competing on the 5/8th mile will have a two lap qualifying attempt.
- 2.4 After qualifying, a selected inversion of 0 thru 9 will be determined to set the field. However, will not be more than half the field.
- 2.5 If your car in not presented on pit road prior to the last group of cars taking the checkered flag you will not be able to qualify and will tag the tail of the next scheduled event.
- 2.5.1 If division is qualifying, once class has completed qualifying sessions any car arriving within two (2) minutes will be allowed to attempt to qualify, Any car arriving after two (2) minutes the car will not be allowed to attempt to qualify, and that car will have to start at the tail of the next scheduled event.
- 2.6 If your division has to select tires. Teams must pick up qualifying tires in qualifying order at the tire barn. If you do not come in your selected time group your car can not receive your tires until the all vehicles in your division have received their tires.
- 2.7 If your qualifying order is determined by pill draw. Then your car must be in line and ready to qualify in your assigned spot. If your car is not it will be laced on a five (5) minute clock. If the clock expires prior to your car being ready to qualify you will forfeit your attempt. You will start at the tail of the next scheduled event.
- 2.8 In case of weather issues during set time for qualifying, the track has the discretion to set the field for the event by practice times, draw, or current points.

## **3. RACE EVENTS**

- 3.1 The leader must cross the start finish line once a caution flag has been displayed for the lap to count.
- 3.2 For purpose of proper scoring line up, the last completed green flag lap for your car will be used for lineup. This is split scoring.
- 3.3 Cars deemed involved in a caution will be moved to the rear of the field
- 3.4 If a driver(s) is involved in an accident prior/after the caution flag has been displayed or not directly involved in the caution, track officials may place the driver back in original position or be blended in the field per scoring.
- 3.5 TAP OUT RULE - A driver who is involved in a caution that feels that he or she has caused the caution may "tap the top of the car above the driver side window". This will advise the race director he or she has accepted blame. The driver who caused the incident will be placed at the rear of the field and the offended driver will be given his position back. This rule is for 5/8 & ¼ mile drivers.
- 3.6 All 1/4 mile races will be run under a forty-five (45) second per lap time limit. Red flag time is not counted against the time limit. If the time limit is reached the starter will display a green, white, checkered finish one time. If the caution flag is displayed during the green, white, checkered attempt, the race is finished and the results will revert back to the last completed lap.
- 3.7 All 5/8th mile races will be run under a one minute per lap time limit. Red flag time is not counted against the time limit. If the time limit is reached the starter will display a green, white, checkered finish one time. If the caution flag is displayed during the green, white, checkered attempt, the race is finished and the results will revert back to the last completed lap.
- 3.8 Car must take a green flag lap of feature to receive points/pay for the event (EIRI).
- 3.9 When the race is stopped before (1) lap is completed there shall be a complete double file restart in the original position except a car that is not able to return shall lose his original position. Scoring will determine the new starting lineup.
- 3.10 When the race is stopped after (1) lap is completed the cars will lineup in their respective track order which has been scored.
- 3.11 When the starter gives the one to go signal cars will lineup per rules of the Cone Rule (see rule) for all restarts. (Exception: the last five (5) laps will be single file restart).
- 3.11.1 CONE RULE POLICY - All divisions competing on the 1/4 mile use the rule following the initial start. The cone will be placed in the center of the track below the flag stand after flagman displays one or two to go signal. Upon approaching cone before restart, cars must keep a minimum of one car length between the car directly in front of them. Blocking, faking or hitting the cone will be subject to penalty. Driver pulling alongside another car before committal cone will be warned and/or penalized. Cars to the inside of the cone must remain in their line after passing cone. Any changing of lanes after committal cone will result in black flag/stop-go penalty.
- 3.12 Cars will be lined up in the following order for restarts:
- 3.12.1 Lead lap cars that maintain respective track position and did not enter pit road.
- 3.12.2 Lap down cars that maintain track position and did not enter pit road.
- 3.12.3 Lead lap cars/lap down cars with lead lap cars given first discretion to lineup after pitting.
- 3.12.4 Penalized cars (causing caution).
- 3.13 "Move Over Rule" Any car that is going a lap down or is already a lapped car will show respect to the leaders and move out of the way as the leaders approach them.
- 3.14 Any car/truck that fails to follow the move over rule shall be subject to penalty as deemed suitable by track management. These penalties could include: fines, being parked for the remainder of the night, being suspended for the remainder of the season.
- 3.15 Lapped cars – Any car that is 5 or more laps down because car has been lapped by leaders on track will be parked by Race Director and/or track management.
- 3.16 All Cars will now be required to run a "Minimum Lap Speed". This speed will be different for each division and will be listed in the division rules. If a car can not met that "Min. Lap Speed" requirement driver will be parked by track management and/or race directors.
- 3.17 The only videography and/or photography that will be used for the review or scoring and all other purposes during an event will be Fairgrounds Speedway Nashville media.

#### **4. MISCELLANEOUS**

- 4.1 Race Start/Finish Line - The start finish line shall be considered to extend from the grandstand retaining wall to the pit service wall. Any car driven by its driver between these two points may legally be scored, receive the green, yellow, black, white or checkered flags.
- 4.2 The decision of the official scorer and track management with respect to timing and scoring, are final.
- 4.3 Fairgrounds Speedway Nashville reserves the right to correct/adjust any discrepancies, made by track in race results and point standings at any time.
- 4.4 Car numbers must be clear and legible to be properly scored. If track management deems your numbers to be inefficient you will have one race to correct the issue or your car will not be scored and you will receive no payout. Track management reserves the right to require a driver to temporarily correct the number if needed on race night without one race notice.
- 4.5 No wave-by's allowed. Drivers must restart in the position directed to by scoring and officials. Cars may only be waved by another competitor during green flag conditions, on front stretch.
- 4.6 Scoring re-check decisions are final, and cannot be appealed or litigated.
- 4.7 5/8 Mile Only – any car/truck that comes to pit road under a caution or a green flag race to change a tire must have tire approved by an official. If tire is NOT flat or going flat and driver proceeds to change tire, driver will be penalized two laps. NO OFFICIAL HAS THE AUTHORITY TO REVERSE THIS PLENLITY. ONLY TRACK MANAGEMENT HAS THIS AUTHORITY
- 4.8 Drivers competing in a division where cautions count that choses to come to pit road under yellow while cautions are still being counted, will lose a lap each time the pace car comes around to start/finish line while driver is still on pit road. This goes for any circumstance and ONLY TRACK MANAGEMENT have the right to approve any circumstance that this rule may not specify.

#### **5. SCORING LAP EVENTS**

- 5.1 Events of 100 laps or more, cautions shall count for each event. Except for the last 10 laps should be run under green flag conditions.
- 5.2 Events of 99 laps or less, cautions shall not count laps.
- 5.3 Additional procedures for each event will be properly communicated at race day drivers meeting.

#### **6. ROOKIE OF THE YEAR**

- 6.1 A driver who has competed in at least half of the events in a prior year will not be eligible for rookie status. The current season at Fairgrounds Speedway Nashville consist of 8 point events. A driver competing in 4 events in a previous year is eligible; a driver competing in more than 4 will not be eligible.

#### **7. POINTS AWARDED FOR SEASON / DISQUALIFICATION POINTS**

- 7.1 Fairgrounds Speedway Nashville has a point system that is used to award points for each event.
- 7.2 Any driver disqualified for technical reason only from an event will now be awarded 23 points (minimum points) for the event and no pay. The points obtained for fast time or most laps led shall be taken from the disqualified driver along with all monies that would be awarded. This is for first offense ONLY.
- 7.3 A protested car/truck if deemed illegal will be awarded minimum points for the event and no pay. This is for first offense ONLY.
- 7.4 Any driver disqualified for technical reasons/protest upon second offense will receive NO POINTS AND NO PAY.
- 7.5 The points breakdown for each division is as follows:  
1) 55 2) 50 3) 48 4) 46 5) 44 6) 42 7) 40 8) 38 9) 36 10) 34 11) 33 12) 32  
13) 31 14) 30 15) 29 16) 28 17) 27 18) 26 19) 25 20) 24 21 & down) 23
- 7.6 These rules will apply if protested by another competitor and deemed illegal – FIRST OFFENSE ONLY!

# **FLAG RULES & PENALTIES**

## **1. GREEN FLAG**

- A. Start or restart of any race. At the starter's signal or when the yellow lights are turned off during the parade lap, it is the starter's signal that he is prepared to start the race. All cars are to close up, hold their positions and keep pace set by caution car or the pole position lead car.
- B. The start line for the initial start and restarts will be marked accordingly exiting turn four (4).
- C. Any car or cars bumping, shoving or holding up starting procedures shall be sent to the rear of the pack at the decision of officials.
- D. Pole car on starts and restarts will continue the pace set by the pace car after the pace car exits the racing surface. Passing will be allowed when the green flag has been displayed to leader off turn 4.
- E. Once the green waves the race has officially started. One half of the field must complete the lap for scoring to officially score the lap. The finishing position shall be based on the starting line up (should a car not be able to compete for some reason).
- F. Any car jumping positions on any start will be black flagged for drive thru penalty and/or sent to rear of field. No waive-by's, drivers must start in the position directed by scoring or officials.
- G. Any car that restarts the event from a different position than directed by scoring/track officials will be black flagged.

## **2. YELLOW FLAG**

- A. The yellow flag signifies caution and this flag will be given to the first car passing the start/finish line immediately following the occurrence of the cause or caution. When the yellow flag and/or lights are displayed, all cars must slow to a cautious pace and maintain their position. Cars are not permitted to pass or advance their position and must maintain a reasonable speed considering the conditions which exist on the track. Reasonable speed is a judgment call of the Official in charge.
- B. The car or cars deemed as the cause of the caution situation will be restarted, if able, at rear of field. Any car or cars that the track officials determine to intentionally bring out a caution flag will be penalized one (1) lap.
- C. If a pace car is used, no car unless directed to do so by an official in the pace car, may pass the pace car. Any cars that illegally pass the pace car or race leader will be black-flagged. The starter will signify one lap before the green flag will again be displayed. When a pace car is used the official in charge of the event will control the position of the pace car.
- D. If a yellow or red flag is displayed for objects on the racing surface, spinouts or crashes caused by an oil or water slick on the track, or by circumstances beyond anyone's control, then a "No-fault" procedure shall be in effect and all cars will retain their original positions at the time the flag was thrown.
- E. After the yellow flag is shown, all cars will be aligned in single file until scoring or track officials inform them of their restart positions.
- F. Any car that fails to fall into position directed by scoring and/or officials immediately will be black

flagged.

- G. Car or cars causing a yellow flag, or receiving consolation flag, will be lined up at the tail end of the longest line unless determined intentional by track officials which will result in a one (1) lap penalty for the offending car.
- H. No stopping or standing on the racing surface during the yellow. If your car has minor damage or loose parts you may pull onto the pit road for repairs and be realigned to the rear of the field. The race will not be held up or delayed once the track is clear. Any car that enters pit road must start at the rear of the field.
- I. Cars returning to the race from pit road while the yellow or red flag is out must wait and join the rear of the field as directed by the official at the pit road exit.
- J. Pit crews may not service or repair any damaged car until the car has been removed from the racecourse and is on pit road.
- K. No person, car owners, spectators or pit crews will be allowed on the race track to offer any type of assistance to any driver or perform any repairs while the Yellow, green or red flags are displayed unless given expressed authority by a track official and/or management. Violations will result in placement of the offending car to the rear of the pack, the loss of one or more laps, and/or disqualification of that car for the race meet and/or cash fine.
- L. Any car causing three (3) cautions will be sent to the pits.
- M. If a yellow flag is shown with five (5) or less laps remaining in a feature event, the restart will be single-file with all lead lap, then lapped then penalized cars.
- N. If the yellow comes out after white flag is displayed then there will be one (1) attempt at a Green & White together then checkered the following lap to complete the race.
- O. If the yellow comes out after the leader takes the checkered flag. Your car will be scored be the previous scored lap minus the caution cars.

### **3. RED FLAG**

- A. When the red flag and red lights are displayed, reduce speed immediately then slowly proceed around the track cautiously and stop as directed. Any car or cars that continue at racing speed or slower after the red has been displayed will be placed at the rear of the field penalized a lap, or disqualified for the race and/or meet.
- B. Once the cars have been stopped, drivers may not move their car without expressed permission from the official in charge to do so.
- C. Any cars having major damage or flat tire(s) must have repairs done on pit road. If any car stops in the corners, on backstretch or near the pit entrances and receives assistance from their pit crews may lose one or more laps or be disqualified from the event.
- D. Work will be permitted while red flag is displayed, only for cars involved or assisted to the track. Track official's shall deem who is involved and permitted to work on car in pit area. RED flag means STOP on the track, offender's may be penalized for not stopping.

### **4. PASSING FLAG**

- A. The blue flag with a diagonal yellow stripe signifies that faster traffic is overtaking cars being signaled and that cars being given this flag should be prepared to yield to the bottom of the track to overtaking traffic.
- B. Any car deliberately ignoring the starter's signal or attempts to either hold up or block the leader's advance, may receive the black flag or be reverted to the rear.

- C. At each caution period (Pro-Late Model only) a “lucky dog” to be determined by scoring (fewest laps down and first car eligible). The car will go around the field once instructed by race control. Go to the right of the field and lineup at the tail end of the longest line. A caution car is not eligible to be the "lucky dog" it would be given the next car eligible.

## **5. BLACK FLAG**

- A. Black flag means “go to pit road immediately.” Report to the official on the pit road. This does not mean automatic disqualification. However, failure to obey black flag will result in disqualification. A black flag is sometimes displayed for the racers safety.
- B. After receiving the black flag, the car must obey the black flag within two (2) laps or scoring on car will be halted.
- C. Any car entering the pit area or garage area must re-enter the track through pit road.
- D. Any car displaying excessive smoke will receive the black flag.

## **6. WHITE FLAG**

- A. When the white flag is displayed, it means the leader has started his final lap.

## **7. CHECKERED FLAG**

- A. When checkered flag is displayed it means race is finished. When the lead car has been completed the required distance, the race will be declared “Official” no matter what flag is displayed.
- B. Finishing positions will be paid according to the most laps traveled in the least time, regardless of whether the car is running or not.
- C. The driver receiving the checkered flag first in any feature race, plus those directed to by the official in charge, must bring his car to the start line or designated post-race tech area and remains there until released by the official in charge of the event.

## **8. BLOCKING**

- A. In all cases, intentional blocking will not be tolerated and the black flag may be used without warning.

## **9. MISCELLANEOUS**

- A. Display of Black and Red flags together signals end of practice – clear the track.
- B. Once you have entered the racetrack for an event you are expected to be prepared to race. At any time you enter pit road, you start at the back of the field upon your return.
- C. Any car that enters the lower pits may not rejoin the field without expressed permission to do so by the official in charge.
- D. All flags will be final... however, in extreme cases the starter may inadvertently display a flag signal by mistake. If this should occur, then it will be the Race Director’s decision to rescind the flag and revert back to the last complete green lap or carry on with the race as if the flag were never displayed.
- E. Do not stop or argue with the starter, his decision and those of the track officials are final. Failure to proceed when instructed to may result in disqualification.

## **10. PENALTIES**

- A. Warning
  - 1. Jumping or holding up the initial start as the leader, first offense
  - 2. Jumping or holding up a restart as leader, first offense
- B. Drive Thru
  - 1. Car pitting outside the pit box
  - 2. Car leaving the pit box with equipment
  - 3. Not obeying the blend line during race
  - 4. Passing improper on restart
  - 5. Passing improper on initial start
- C. Tail End of Field
  - 1. All cars involved in cause of caution period
  - 2. Failure to line up according to scoring/officials immediately
  - 3. Blocking/Rough driving on track during race, depending on seriousness
  - 4. Not obeying the blend line during caution
  - 5. Passing under caution
  - 6. Jumping or holding up the initial start as leader, second offense
  - 7. Jumping or holding up the restart as leader, second offense
- D. Stop and Go
  - 1. Too many crew members over the wall
  - 2. Car speeding or driving reckless on pit road, Must be under 35MPH
  - 3. Car not obeying stop and go on pit road
  - 4. Improper amount of tools/improper use of tools on pit road
  - 5. Blocking/Rough driving on track during race, depending on seriousness
- E. One Lap
  - 1. Improper tire procedure
  - 2. Passing the pace car
  - 3. Intentionally causing a caution flag
- F. Will not be Scored
  - 1. Car not obeying black flag
  - 2. Any car causing three cautions
  - 3. Failure to obey official's directions, depending on seriousness
  - 4. Blocking/Rough driving on track during race, depending on seriousness
- G. Start Race from the Last Position
  - 1. Missing Driver's Meeting
  - 2. Fail to meet your division qualifying order
  - 3. Improper tire procedure, Section 11
  - 4. Pre-race disqualification
- H. Any driver using their vehicle as a weapon to deliberately run into another driver, car, or property (speedway or other) will be automatically suspended indefinitely from the Fairgrounds Speedway Nashville and may be subject to criminal prosecution and liability for all damages.

## **Pro Mod Rules** (Competing on ¼ Mile Track)

### **\*\*\* MUFFLERS ARE MANDATORY AT ALL TIMES\*\*\***

**NOTICE:** All equipment is subject to the approval of officials. No equipment will be considered as having been approved by reason of having passed through inspection unobserved. Any equipment which does not confirm to specifications or tolerances contained in this rulebook, will not be eligible for approval.

**NOTE:** All cars must comply with the rules set forth by the Fairgrounds Speedway at Nashville rule book to be eligible for competition. Any and all cars and car parts are subject to FSN technical inspection processes. FSN is not required to follow any other sanctioning bodies or manufactures guidelines in its inspection processes.

### **1. GENERAL & SAFETY**

1. Fire suit and approved SA 2000 or newer helmet required. Gloves are MANDATORY ALWAYS!
2. NO antifreeze in radiator. \$250.00 penalty if caught using antifreeze and immediate disqualification.
3. Must have a minimum 2 pound fire extinguisher with a gauge and a quick release mounted securely in a car within reach of driver while belted in car.
4. All cars must be painted and lettered. No duct tape number unless instructed by management.
5. Racing seat mandatory; belt & shoulder harness minimum 3” wide, must not be over 5 years old. Must have 4 bolts secured to the floor. Secure your seat belt to whatever your seat is secured to.
6. Must have QUICK RELEASE TYPE window net. Window net MUST release from top.
7. Battery mounts must be approved.
8. Must have emergency cut-off switch.
9. Must reserve the top of your windshield for division sponsor decals. Not running the window decal will result in potential forfeit in all monies earned and exclude you from any bonus money.
- 10.

### **2. Tires**

1. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.
2. 15” tall 8” wide steel wheels only
3. No wheel adaptors.
4. Must have 1” lug nuts.
5. No wheel weights or air bleeders or pop-offs
6. The only tire allowed will be Towel City Retread Recap 15”

### **3. Roll Cage**

1. Bars must be at least .095 gauge 1 1/2" OD steel pipe
2. Bars must be welded to frame and have 4 protective bars on driver side and 3 protective bars on passenger side. No square tubing. Plating recommended
3. All cages must meet approval of track officials.

### **4. Engine**

1. Stock location (engine face must line up or must be in line with center of upper ball joints) with a 1 inch tolerance. If engine is setback further than the rule states you must put 50lbs in front of the front spindles. Weight must be centered or right of center. This is not an extra 50 pounds. Engine must be centered in the frame, +/- 1".

### **5. Ignition**

1. One 12-volt battery only
2. Electronic ignition permitted. MSD type boxes permitted.
3. No electronic or mechanical traction control of any kind permitted.
4. No coil packs or crank trigger fired ignitions.
5. Must have emergency cut-off switch within drivers reach and highly visible to safety crew.

### **6. Carburetor**

1. Only a Holley 2300 series 350 cfm 2bl carburetor #7448 is allowed. Must fit track gauges and air horn cannot be removed. Unaltered boosters in stock location. Butterfly screws are optional, Stock shaft and butterflies. Choke rod hole may be plugged and choke mount holes sealed with epoxy or comparable material.
2. Spacer maximum 2" including gaskets.
3. NO Cold air boxes permitted
4. No fuel injected engines

### **7. Headers**

1. Stock production head only. No aftermarket of any kind. No porting, polishing or grinding of any kind. Damaged heads may be resurfaced. Cylinder head boss may be cut down for short adjusters 2300. May have 3-angle valve job. No more than 75 degrees. Valve spring pocket may be cut at .0100 deep or may run long valves; stock head/valve diameter, stainless steel valves allowed. May run 2.0 head with 2.3 valves, but must carry 2.3 weight for engine.
2. Ford 2.0 and 2.3 are allowed a min. of 45 cc combustion chamber
3. No aluminum heads except stock Toyota.
4. No more than 2 valves per cylinder – unless approved by track officials.
5. Any size cam. No roller cams. May run adjustable cam gear.

### **8. Pistons**

1. Any 3 ring flat top piston. Toyota may run dome pistons.

### **9. Crank**

1. Stock crank for motor used, may be balanced. No grinding, polishing or lightening of any kind. NO STROKERS, Engine must be zero deck height; piston may not extend above block at TDC. (Except Toyota)
2. Min. crankshaft weight :
3. Ford 2300 cc 30.5 lb both small and large journal
4. Ford 2000 cc 27.5 lb.
5. No strokers, min engine deck height is 0.000 Piston may not extend above block at tdc except Toyota

### **10. Rods**

1. Any steel rod permitted.

### **11. Clutch/Pressure Plate**

1. Stock Diameter clutch and pressure plate. No aluminum parts
2. May run solid center disk or button style disc.

### **12. Intake**

1. Stock or aftermarket intake allowed. On stock intake only, port matching only the head side of intake allowed.

### **13. Flywheel**

1. Must be stock diameter – 12 lbs. minimum, for Toyota 14 lb min. for ford flywheel bolts included
2. All to be weighed on track scales if questioned.
3. No aluminum flywheels.

### **14. Weight**

1. OEM chassis with steel body (this can be tube from center of rear axle back, with no left side penalty):  
Must meet total weight requirements, no left side weight restrictions  
Up to 2.0 1900 lbs.  
Over 2.0 2000 lbs.
2. Stock front clip and/or Stock Chassis with aftermarket body:  
Up to 2.0 2050 lbs. 56% left side  
Over 2.0 2150 lbs. 56% left side
3. Full Tube Frame:  
Up to 2.0 2200 lbs. 56% left side  
Over 2.0 2250 lbs. 56% left side
4. All Toyota's w/OEM chassis:  
Up to 1.8 L – 2000 lbs  
Over 1.8 L – 2050 lbs with no left side rule  
Toyotas with tube chassis:  
2150 lbs 55% left side. Speedway reserves the right to amend this rule as necessary.

5. Weight determined by original engine size. Boring .040 over included in weight. I.E. 2.0 bored .040 over is still classified as a 2.0.
6. All ballast must be attached with two ½” bolts and be white with the car number on it.
7. No car over 2500 lbs will be allowed to compete in the event for safety reasons.
8. 2.5 STOCK truck engine permitted min weight 2400 lbs. (max 2550 cc)
9. All weight is before qualifying and after the race.
10. Driver must post their claimed weight at all times on the top left corner of windshield in 1.5’ tall numbers. Numbers must be easily visible to track officials. White vinyl numbers preferred.
11. No fuel burn off allowance.

### **15. Body**

1. Steel, aluminum or fiberglass body
2. Must have 4” ground clearance, body and frame included with driver and safety equipment, before and after the race. This excludes front air dams.
3. Full front windshield required must be 1/8” Lexan/Polycarbonate. No Plexiglas must allow 5” at top of windshield for division sponsor sticker.
4. Rear window permitted.
5. Rear body panel must cover rear of car to bumper
6. Tread width 64” measured from true center of tires at spindle height. Zero tolerance.
7. NO DIRT BODY STYLE NOSES, NO EXCEPTIONS
8. FSN TECH Official has the right to approve any body ran.

### **16. Spoilers**

1. Maximum 6” height. May not exceed width of deck.

### **17. STOCK OEM Chassis**

1. Stock OEM mini chassis is classified as Toyota Corolla, Ford Pinto, and Ford Mustang
2. Any other make is classified as Full tube frame. All chassis must be rear wheel drive and approved by Speedway before competing.
3. All components must remain stock, as produced by manufacturer and mounted in stock location unless specified. Front and rear sub frames may be connected with tubular framing. On piece per side. Location optional. May “X” frames or add cross members. May replace crash damage with tubing, maintain stock dimensions and flow.
4. Stock type sway bars or spline bars are allowed.
5. Wheelbase 93’ min 108 ‘max.

### **18. Shocks**

1. Any steel body non-adjustable shock allowed.
2. No aluminum shocks. No Schrader valve shocks.
3. NO Bump stops allowed or chassis limiters.
4. Post race shock buy out \$85 per shock. Buyer must buy all 4 shocks at time of protest. All 4 shocks must be delivered to tech official UN damaged and fully functional. Any driver that does not submit to claim rule will be Disqualified, no points, no money, also they will not be allowed to bring those shocks back at any time.

### **19. Springs**

1. Any coil spring may be used except coil binding springs. ( front minimum 3 ½” rear minimum 2”
2. Wedge bolt adjusters allowed.
3. Stock main leaf for car. Number of leafs optional. May use clamps. May cut secondary leaf. Sliders permitted with wedge bolt adjusters
4. Strut cars may use tech approved coil-over adjusters on front only.
5. May elongate slots for caster/camber adjustments

### **20. Steering**

1. Steering box and components must be stock and in stock location.
2. Adjustable racks and pinions allowed.

### **21. Brakes**

1. Front and rear disc brakes permitted. Aluminum aftermarket brake calipers and drums allowed.
2. Steel rotors only. No drilled rotors. Any pedal or master cylinder set up.
3. All wheels must have four working brakes.

### **22. Rear-end**

1. Any stock passenger car rear-end must remain in stock location, centered in car. No offset.
2. Differential May be locked. Differential may have either welded, mini spool or stock positive traction or open rear end. No Detroit or any other center section that has not been specified. No quick change. No cambered rear ends. No gold tracks. No aluminum spools.
3. Floating axel rear end Permitted
4. Quick Change permitted with mini spool or locked (REAR END ONLY)

### **23. Drive Shaft**

1. Driveshaft must be Steel. NO aluminum driveshafts! No aluminum parts of any kind in the driveline.
2. Must have drive shaft loops. Driveshaft must be painted white. 2 drive shaft safety loops made of flat steel (1/4 in. x 2 in Minimum Size) will be required. Drive shaft loops should be mounted 12” in from each end of the drive shaft. This is so that the drive shaft cannot fall onto the track in case of U-joint failure and it also may help keep the drive shaft from coming through the floor board in case of driveshaft failure. ALL DRIVE SHAFTS MUST BE PAINTED WHITE. 1/8” Scatter shield surrounding driveshaft is highly recommended

### **24. Transmission**

1. Any stock transmission permitted. Automatic transmission (Must have working torque convertor included.)
2. All transmissions must be stock OEM and unmodified. Must be in working condition with reverse and all forward gears.
3. 1 inch inspection hole in bell housing recommended for tech officials.

## **25. Fuel/Fuel Cell**

1. Fuel cell is mandatory, 12 gallon maximum with foam, must have check valve.
2. 8" ground clearance. Recommended fuel cell height 10".
3. Must have rear protection bar minimum 1 ¼" .095 bar, 2 straps minimum 1" width surrounding the entire fuel cell. Fuel cells must be bolted. No rivets and no sheet metal screws. Must have a fuel cell guard bar made from 1 ¾: .083 min. and be 1" lower than the fuel cell container.
4. Location of fuel cells must be approved by track technical inspectors.
5. FUEL LINE Fuel line can run under car but must be higher than the lowest part of the frame and securely attached. Fuel line can be run through the car from fuel cell but must be in a 1 pc. Steel pipe and the pipe must extend a minimum of 1" out from front and rear firewall.
6. Track fuel only. No additive. With Caught with Any Type of Additive will result in Automatic DQ. 2<sup>nd</sup> Offense will result in suspension for the remainder of the season.
7. Fuel must go through the fuel cell to the carburetor and cannot pass through any performance enhancing/cooling devices.
8. Electric fuel pumps permitted.

## **26. MUFFLERS**

1. Mufflers are MANDATORY . Muffler must be fully functional. Mufflers will be required at all race events, including Track Rental, Open Practice and Race Day. NO EXCEPTIONS.
2. NO SHOENFIELD SHORTIES WILL BE ALLOWED!
3. May raise or remove section of floor pan on right side of car for clearance to install large style mufflers (ex. Brezenski / Howe). Must box or replace floor pan with 22 gauge steel sheet metal only.
4. IF AT ANY TIME YOU ARE CAUGHT ON THE TRACK WITHOUT A MUFFLER, YOU WILL BE FINED \$1000 DOLLARS AND WILL NOT BE ALLOWED TO COMPETE UNTIL MUFFLER IS PLACED ON CAR AND FEE IS PAID IN FULL!

**FOR COMPLETE LEGENDS RULES PLEASE  
SEE OFFICIAL INEX ONLINE RULEBOOK  
AT LINK BELOW:**

**<https://www.inexseries.com/become-a-member/rulebook/>**

## **Front Runner Rules**

*(Competing on ¼ Mile Track)*

**\*\*\* MUFFLERS ARE MANDATORY AT ALL TIMES\*\*\***

**NOTICE:** All equipment is subject to the approval of officials. No equipment will be considered as having been approved by reason of having passed through inspection unobserved. Any equipment which does not confirm to specifications or tolerances contained in this rulebook, will not be eligible for approval.

**NOTE:** All cars must comply with the rules set forth by the Fairgrounds Speedway at Nashville rule book to be eligible for competition. Any and all cars and car parts are subject to FSN technical inspection processes. FSN is not required to follow any other sanctioning bodies or manufactures guidelines in its inspection processes.

### **GENERAL & SAFETY**

1. Fire suit and approved SA 2000 or newer helmet required. Gloves are MANDATORY ALWAYS!
2. NO antifreeze in radiator. \$250.00 penalty if caught using antifreeze and immediate disqualification.
3. Must have a minimum 2 pound fire extinguisher with a gauge and a quick release mounted securely in a car within reach of driver while belted in car.
4. All cars must be painted and lettered. No duct tape number unless instructed by management.
5. Racing seat mandatory; belt & shoulder harness minimum 3” wide, must not be over 5 years old. Must have 4 bolts secured to the floor. Secure your seat belt to whatever your seat is secured to.
6. Must have QUICK RELEASE TYPE window net. Window net MUST release from top.
7. Battery mounts must be approved.
8. Must have emergency cut-off switch.
9. Must reserve the top of your windshield for division sponsor decals. Not running the window decal will result in potential forfeit in all monies earned and exclude you from any bonus money.

### **1. BODIES**

1. Any front wheel drive car with a 4-cylinder engine. Absolutely stock only.
2. MUST have Chilton’s manual on your car for inspections.
3. Must remove all glass and interior. Must leave windshield or replace with LEXAN. No plexiglass.
4. Must remove all headlights, taillights, hubcaps and loose trims.
5. Battery must be moved to driver’s compartment. Must be securely mounted in place in and approved container. MUST BE APPROVED.

6. Must remove hood latch and replace with two hood pins. Must remove trunk lock and replace with two hood pins.
7. All doors must be welded shut.
8. No beefed-up bumpers. Radiator guard bar permitted.
9. No front hoops. Rear down bars allowed, If cages are installed, cage must extend from left door to right door. May install 4-point roll cage door bars for door role bar.
10. Metal can be removed from car for clearance only 1 Min. door bars in driver's side door.
11. Dash board may be removed from car, but must leave all reinforcing metal behind dash intact.
12. Must have seat belts and shoulder harness 3 inches wide no more than 5 years old. Must be safely secured to the floor of car. **1.11**. No chains run through the floorboard. Mount your seat belt to whatever you mount your seat to.
13. Racing seat mandatory.
14. Must have minimum 2-pound fire extinguisher with gauge mounted securely in car within reach of driver while belted in car.
15. All persons must have fire suits and approved SA2000 or newer helmet. *(See safety page in front of book)*
16. One (1) inside mirror only: NO MORE.
17. May remove heater core and air conditioner core, but must cover hole with metal.

## **2 SUSPENSION & INTERIOR**

1. All suspension parts must be stock and unaltered except for adjustable upper a arm and adjustable strut rod in rear allowed. Stock shocks only (make/model) no alterations and stock springs (may be cut or altered for height or rating only) with 1 spring rubber allowed.
2. Minimum frame height 5 inches with the driver and frame may not be altered.

## **3 TRANSMISSIONS**

1. Standard or automatic is allowed.
2. Clutch and flywheel must be stock and must not be lightened.

## **4 TIRES AND WHEELS**

1. May run aluminum or steel wheels with factory offset only and 6" maximum width and all 4 wheels must match. Racing wheels allowed but all 4 must match. Wheels must be within one size that originally came on car.
2. Any street legal tire, 60 series D.O.T., H-rated tire and 200 or above tread wear is the highest rating that can be ran. 205/60 is the maximum size you can run. No Wheel Spacers.
3. Tread width must remain within 1" of factory specs of vehicle.
7. 4. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.

## **5. WEIGHT**

1. All cars must weigh a minimum of 2,000 pounds with driver. 55% maximum left side weight.
2. Cars with engines larger than a 2 liter (2.0), i.e. 2.2, 2.3, 2.5, etc. must weigh an additional .85 per cc. For example: A car with 2.2 liter engine must weigh 2,000 lbs. + .85 for the 0.2 200 x .85 = 170 additional pounds for a grand total of 2170 lbs. If you have any questions, call.
3. LEAD: All weight (lead) must be mounted inside the driver's compartment with a minimum of two ½ inch bolts. All weights are to be painted white with the car # on each piece. Any driver that loses any lead from his car will be fined \$250.00 payable prior to any further competition. This rule is in effect during race day or practice days.

## **6 ENGINE**

1. Absolutely NO engine modifications. Engine must be stock for the car that it is in. All air MUST pass through carburetor or throttle body. Must run stock ECU. Absolutely NO Modifications.
2. Fuel injected or carbureted. No turbo or superchargers.

## **7 MUFFLERS**

1. Mufflers are MANDATORY . Muffler must be fully functional. Mufflers will be required at all race events, including Track Rental, Open Practice and Race Day. NO EXCEPTIONS.
2. NO SHOENFIELD SHORTIES WILL BE ALLOWED!
3. May raise or remove section of floor pan on right side of car for clearance to install large style mufflers (ex. Brezenski / Howe). Must box or replace floor pan with 22 gauge steel sheet metal only.
4. IF AT ANY TIME YOU ARE CAUGHT ON THE TRACK WITHOUT A MUFFLER, YOU WILL BE FINED \$1000 DOLLARS AND WILL NOT BE ALLOWED TO COMPETE UNTIL MUFFLER IS PLACED ON CAR AND FEE IS PAID IN FULL!

## **Pure Stock Rules**

*(Competing on ¼ Mile Track)*

**\*\*\* MUFFLERS ARE MANDATORY AT ALL TIMES\*\*\***

**NOTICE:** All equipment is subject to the approval of officials. No equipment will be considered as having been approved because of having passed through inspection unobserved. Any equipment which does not confirm to specifications or tolerances contained in this rulebook, will not be eligible for approval.

**NOTE:** All cars must comply with the rules set forth by the Fairgrounds Speedway at Nashville rule book to be eligible for competition. All cars and car parts are subject to FSN technical inspection processes. FSN is not required to follow any other sanctioning bodies or manufactures guidelines in its inspection processes.

### **GENERAL & SAFETY**

1. Fire suit and approved SA 2000 or newer helmet required. Gloves are MANDATORY ALWAYS.
2. NO antifreeze in radiator. \$250.00 penalty if caught using antifreeze and immediate disqualification
3. Must have 2 lbs fire extinguisher with a gauge and a quick release mounted securely in car within reach of driver while belted in car.
4. Racing seat mandatory; belt and shoulder harness minimum 3 in. wide, must not be over 5 years old. Must have all 4 bolts secured to the floor. Secure your seat belt to whatever your seat is secure to.
5. Must have QUICK RELEASE TYPE window net. Window net must release from top.
6. Battery mounts must be approved.
7. Must have emergency cut off switch.
8. Reserve the top of your windshield for division sponsor decals. Not running the window decal will result in potential forfeit in all monies earned and exclude you from any bonus money.

### 1. **BODIES**

1. May run 2 or 4 door cars. No T-top bodies or station wagons.
2. All doors must be welded shut.
3. May run plastic nose and tail. With 1 – 1 ¾ Push Bar only MIN. 0.83, MAC. 0.83.
4. Must have a 4-point cage; with front down bars.
5. **All Front windshields must be LEXAN ONLY! No stock windshields.**
6. Must remove headlights, taillights & all side glass. Must remove all hubcaps.

7. Must have three quick release hood pins in front. Must remove trunk lock & replace with two quick release hood pins. no bolts, or nuts.
8. May run fiberglass hood only.
9. Rear wheel drive only, Min. of 108" wheelbase.
10. **MUST remove heater core and air conditioner core, all holes in firewall must be covered with steel sheet metal (MIN. 22 GAUGE).**

## 2. SUSPENSION & INTERIOR

1. No modifying of suspension is allowed.
2. Suspension parts must remain stock for that make and model of car. Spring rubbers are allowed.
3. All stock equipment only for that year model car.
4. **May use pig tail springs or racing springs are permitted.**
6. Left front frame height minimum 7".
7. All brakes must work.
8. Must have a 4-point cage; with front down bars.
9. Must remove interior. May remove dash. Steering column, stock steering column may be removed and replaced with two (2) swivel steering knuckles and at least one support. **MUST USE MIN. TUBING ¾ OD ½ ID / FIRE WALL BEARING RECOMMENDED.**
10. May run 10-point cage. Front hoop allowed and no reinforcing of bumpers. 1 Bar max. 1 ¾ OD allowed in front of radiator 0.83 WALL MIN. & MAX.
11. Fuel cell must be in metal container & **MUST** have a rollover valve. Must be mounted in a safe manner with a minimum of 7" ground clearance. Must put steel firewall in back seat area. Trunk floor may be removed to where hump starts. If removed must mount fuel cell in safe manner with MIN of 1" by 1" square tubing no lighter than 0.83 thickness. Fuel line may run through car in tube only.
12. Must have fuel cell, no gas tanks allowed.
13. May run rear view mirrors

## 3. ENGINE & CARBURATOR

1. Exhaust system must be factory stock for make and model. Muffler must be in working order. Tail pipes must extend past the driver and exit out either side of the car. No aftermarket headers of any type permitted.
  - a. **Maximum bore and stroke: Stroke MAX = 3.480. Bore MAX = 4.040. No stroking, No de-stroking. AMENDED**
2. Must pull 16" of vacuum at 1000 rpm before and after the race, must have a tach that works and a vacuum port that is easily accessible **(on rear of carburetor base plate).** If not, you are DQ'ed on the spot! **AMENDED**
3. **Any valve cover permitted. Must have air cleaner (with metal top) Minimum 14" OD. No flow through tops, no holes in the top or bottom of the air cleaner. No air dams or air scoops.**
4. **4 eyebrow flat top pistons or dish ONLY. OEM replacement for stock ONLY.**

5. Minimum head cc of 74, Valve size 1.94 and 1.50 . Screw in 3/8 studs and poly locks ok, guide plates permitted.
6. All cylinder heads must have factory casting with original casting numbers and must remain on cylinder heads and engine components. None of the following will be allowed: Porting, polishing, cutting, grinding, shock pinging, acid worked, opening, reliving, unshrouding bowl area, combustion chamber, short turn radiance, opening of valve throats. ALL ITEMS ARE ABSOLUTELY PROHIBITED.
7. All internal engine parts must be stock or stock replacement parts.
8. NO roller cam shafts permitted. Must be hydraulic Mechanical ONLY.
9. Intake must be Elderbrock performer part # 2101
10. Carburetor must be (Box Stock) #4412 Holley 500 CFM , two barrel only. May change power valve, jets only. Choke flap may be removed
11. CARBURETOR SPACER - MAX. of 1" ALUM. With 2 Holes not to exceed over 1.690. Holes may NOT be tapered.

#### 4. TRANSMISSION & REAR END

1. Must be stock automatic transmission with working torque converter.
2. Only these type rear differential acceptable (stock open, mini spool or welded spider gears only). (This means no poss units / no detroit lockers)

#### 5. WEIGHT

1. Minimum of 3,300 lbs. on all cars with 55% left side weight. Weight may only be added inside the driver's compartment.
2. Racetrack reserves the right to change or adjust weight, and add weight to any car at any time!
3. LEAD WEIGHT ONLY – NO TUNGSTEEN OR ANY OTHER TYPE OF WEIGHT ALLOWED.
4. Added weight must be in block form or no less than 5 lbs blocks (no pellets). Added weight must be securely bolted in place. Dislodged weight cannot be returned to car for weight after race. All added weight must be painted white with car number in red or black. Any lost weight will result in a \$10 per pound fine to driver.
5. All official weights are determined by FSN Scales with FSN official ONLY.

#### 6. TIRES & WHEELS

1. All four wheels must be 8 x 15.
2. No aluminum or alloy wheels.
3. Maximum eight (8) inch wheel width.
4. Wheels must be 8" wide with a 3" offset on the right and a 4" offset on the left.
5. Oversized lugs are recommended and are required on the right front.
6. Hoosier F50 and/or F45 TAKE OFFS ONLY . Must be purchased at FSN and scanned into database by tire manager. If tires are not purchased at FSN you will be DQ'ed. NO EXCEPTIONS.
7. Wheel spacers are permitted

8. Tread width must NOT exceed 66 ½ " MAX.
9. All competitors must qualify and race on the same set of tires.
10. All competitors will be subject to random tire scans. If you qualify or race on a set of tires not purchased from FSN and not scanned to your car. You will forfeit qualifying position and all points and pay for the night.
11. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.

7. **MUFFLERS**

1. Mufflers are MANDATORY, muffler must be fully functional. Mufflers will be required at all race events, including Track Rental, Open Practice and Race Day. NO EXCEPTIONS.
2. NO SHOENFIELD SHORTIES WILL BE ALLOWED!
3. May raise or remove section of floor pan on right side of car for clearance to install large style mufflers (ex. Brezenski / . Howe). Must box or replace floor pan with 22 gauge steel sheet metal only.
4. IF AT ANY TIME YOU ARE CAUGHT ON THE TRACK WITHOUT A MUFFLER, YOU WILL BE FINED \$1000 AND WILL NOT BE ALLOWED TO COMPETE UNTIL MUFFLER IS PLACED ON CAR AND FEE IS PAID IN FULL!

## **Limited Late Models**

*(Competing on ¼ Mile Track)*

### **\*\*\* MUFFLERS ARE MANDATORY AT ALL TIMES\*\*\***

**NOTICE:** All equipment is subject to the approval of officials. No equipment will be considered as having been approved by reason of having passed through inspection unobserved. Any equipment which does not conform to specifications or tolerances contained in this rulebook, will not be eligible for approval.

**NOTE:** All cars must comply with the rules set forth by the Fairgrounds Speedway at Nashville rule book to be eligible for competition. Any and all cars and car parts are subject to FSN technical inspection processes. FSN is not required to follow any other sanctioning bodies or manufactures guidelines in its inspection processes.

- \*\* = **Complies for all 3 type cars**

### **1. GENERAL & SAFETY\*\***

- 1.1\*\* Two-way radios and Spotters are mandatory. Must have a spotter in the designated area in the grandstands.
- 1.2\*\* Fire suit and approved SA 2000 or newer helmet required. Gloves are MANDATORY at ALL TIMES!
- 1.3\*\* NO antifreeze in radiator. \$250.00 penalty if caught using antifreeze and immediate disqualification.
- 1.4\*\* Must have minimum 2 pound fire extinguisher with a gauge and a quick release mounted securely in car within reach of driver while belted in car.
- 1.5\*\* Racing seat mandatory; belt & shoulder harness minimum 3 inches wide. Must have all 4 bolts secured to the floor. Secure your seat belt to whatever your seat is secured to.
- 1.6\*\* Must have QUICK RELEASE TYPE window net. Window net MUST release from top.
- 1.7\*\* All doors must be welded shut.
- 1.8\*\* Battery mount must be approved.
- 1.9\*\* Must have emergency cut-off switch.
- 1.10\*\* Please reserve the top of your Windshield for division sponsors Decals.  
Not running the window decal will result in potential forfeit in all monies earned and exclude you from any bonus money.

### **2. BODIES**

- 2.1\*\* Minimum of Four (4) hood pins required
- 2.2\*\* No open hood scoops, hood must be sealed at windshield.
- 2.3\*\* Floor pan must remain intact in driver's compartment. Interior must remain open and be able to view complete floor pan, except for behind the seat may be boxed.

- 2.4\*\* Rear spoiler must be mounted on the trailing edge of deck lid.
- 2.5\*\* Spoiler may not exceed six (6) inches in total height. Must be single plane only. Max. width 60"
- 2.6 **Perimeter Type Only:** Spoiler must measure MAX 43" from ground to top of spoiler.
- 2.7\*\* Front windshields mandatory. Recommended is 1/8" Lexan with a minimum of two (2) center braces required at a stock angle.
- 2.8\*\* Rubber noses and tails allowed. New AR Bodies/ 5 STAR Bodies excluding new GEN 6 5 Star body.
- 2.9\*\* Any Body must be approved by FSN Tech Official. ABC and conventional bodies are legal. No Wedge Bodies, No Down Force Bodies allowed.
- 2.10\*\* Min. Roof Height will be 47"

### **3. WHEEL BASE**

- 3.1\*\* Wheelbase: Car must be minimum of 105". (+/- 1/2")
- 3.2. **Super Street & Sportsman Type CARS ONLY** Maximum tread with 66" measurement center to center of tires at spindle height (front and rear).
- 3.2 **FOR PERIMETER TYPE CARS ONLY** Maximum tread width 65" measurement center to center of tires at spindle height (front and rear)
- 3.3\*\* May run Camaro clip and cut down cars.

### **4. WHEELS & TIRES\*\***

- 4.1\*\* Acceptable only are steel wheels with a maximum width of 10" inside bead to bead.
- 4.2\*\* Reinforced Race Type Wheels are MANDATORY
- 4.3\*\* No Bleeder Valves allowed
- 4.4\*\* NO Tire Soak Permitted
- 4.5\*\* ANY Tire being deemed soaked will result in immediate DQ & FINED
- 4.6\*\* Hoosier F50 and/or F45 TAKE OFFS ONLY .
- 4.7\*\* Tires MUST BE SCANNED by Track Official during Purchase.
- 4.8 All competitors must **qualify and race** on the same set of tires.
- 4.9 All competitors will be subject to random tire scans. If you qualify or race on a set of tires not purchased from FSN and not scanned to your car. You will forfeit qualifying position and all points and pay for the night.
- 4.10 No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.

### **5. GENERAL ENGINE\*\***

- 5.1\*\* Engine must be centered between frame rails
- 5.2\*\* Maximum engine set back will be the #1 spark plug (front left plug) even with wedge bolt
- 5.3\*\* A minimum of twelve (12) inches from centerline of the crankshaft, in the front of the ground must be maintained.

5.4\*\* Must be of standard factory production with standard external measurements in all respects.

## 6. MACHINED ENGINES

- 6.1 Ford and Chevy may not exceed 362 cid. Chrysler may not exceed 364.
- 6.2 Overbore of .060 maximum.
- 6.3 No aluminum or plastic blocks.
- 6.4 Flat top pistons only.
- 6.5 Piston may be flush with block (zero deck heights)
- 6.6 Steel connecting rods permitted (must be magnetic).
- 6.7 Rods must match engine size (example 5.700 inches on 350 Chevrolet)
- 6.8 Seven-quart oil pans allowed.
- 6.9 No remote oil systems or filters.
- 6.10 One stock type oil filter in original location.
- 6.11 No oil coolers, accu-sumps, dry sump or additional oil lines permitted other than line to oil pressure gauge.
- 6.12 Standard production type crankshaft only no altering.
- 6.13 No 180-degree, scalloped, knife-edge crankshafts.
- 6.14 Stroke must be stock stroke within .010, may not be increased or decreased. (3.48)
- 6.15 Stock type or any S.F.I. Approved balancers only.
- 6.16 Fifty-pound minimum weight on all crankshafts, including timing chain gear.
- 6.17 The cylinder heads must be cast iron, the intake and exhaust ports must be in the original "as cast" configuration.
- 6.18 Minimum 62 cc combustion chamber Chevy, Ford 57cc.
- 6.19 Mopar products: maximum 1.624 in exhaust, minimum 1.920 in. intake valves.
- 6.20 Ford Cleveland: maximum 1.655 in exhaust, maximum 2.041 in. intake valves.
- 6.21 Ford Windsor: maximum 1.546 in exhaust, 1.940 in. intake valves.
- 6.22 Chevrolet small block: maximum 1.500 in exhaust, 1.940 in. intake valves.
- 6.23 No Dart, angle plug, 461, 461x, 462 or "bowtie" heads allowed.
- 6.24 World Products SR 043610 STOCK REPLACEMENT HEADS (1.5 / 1.940) ALLOWED.
- 6.25 Altered heads will be automatically DQ
- 6.26 Stock appearing, steel valves and in stock location only.
- 6.27 Stock diameter valve spring with steel retainers only. Chevrolet maximum 1,280.
- 6.28 Angle valve jobs permitted, however no machine or stone marks or blending of 3 angle, past the chamber into the bowl area.
- 6.29 3/8 Screw in or pinned rocker studs are allowed.
- 6.30 No titanium parts. Locks and retainers must be magnetic steel. Guide Plates Permitted
- 6.31 May run stock 2 bbl or 4 bbl intake, or intake # 14098242, GM marine intake on old type heads or Edelbrock performer # 2101, 2104, or 2116. All must be stock.
- 6.32 No porting, polishing, or cutting.
- 6.33 On all engines, only one standard flat gasket may be used between the head and the intake manifold. Maximum gasket thickness .177 inches.
- 6.34 Any attempt to pull outside air in not permitted.
- 6.35 Only hydraulic flat tappet cams and stock hydraulic magnetic lifters allowed.

- 6.36 Maximum valve lift may not exceed .450
- 6.37 Camshaft lift checked with solid lifter with zero lash at retainer of valve or maximum .300 at lobe.
- 6.38 Lifters must be of stock diameter for engine application.
- 6.39 No roller rocker arms permitted. No stud girdles. 1.5 Ratio Rocker Arms Only “Cool Nuts permitted/ Polly Locks”

**7. CRATE MOTORS**

- 7.1 GM 602 Crate Motor Approved. By GM Yellow Book Guidelines.
- 7.2 Compression Limit 9.4.1 determined by FSN Whistler
- 7.3 **IN 2020 all PERIMETER TYPE CHASSIS WILL BE REQUIRED TO RUN 602 CRATE MOTORS.**

**8. CARBURETORS**

- 8.1 **Machine Engines:** FSN has approved the Holley “Box Stock” #4412 Carb. May Change Jets, power valves and remove choke flap. No HP Carburetors or components permitted.
- 8.2 **Crate Motor Carburetors:** ALL 602 Crate Motors must run Holley 4150 #80541-1 650 CFM 4 Barrell Carb. Must Remain Box Stock, You may change jets, air bleeders and power valves.
- 8.3 **CARBURETOR SPACER 602 Crates Motors CARBURETOR SPACER MAX.** Height 1” ALUM. With 1 paper gasket per side not to exceed 0.065 in thickness / open or 4 Hole Type or tapered allowed.
- 8.4 **CARBURETOR SPACER MACHINE ENGINES- MAX.** of 1” ALUM. With 2 Holes not to exceed over 1.690 maybe tapered with 1 Gasket on each side. No Thicker than 0.065

**9. EXHAUST\*\***

- 9.1\*\* All competing cars must have a working exhaust system that meet a maximum of 100 dba at 100 feet under racing conditions. No exceptions.
- 9.2\*\* Economy 1 5/8” headers with no steps, allowed with a 3” collector into single 3 1/2” pipe that exits under car past driver.
- 9.3\*\* No alterations of any type, except external modifications for clearance purposes only.
- 9.4\*\* No flexible pipes allowed anywhere or anytime.
- 9.5\*\* Will be permitted a 5/16 header flange max with no spacer of any kind between the head of flange.
- 9.6\*\* Mufflers are required. Muffler must be fully functional. Mufflers will be required at all race events, including Track Rental, Open Practice and Race Day. No Schoenfeld Shorties NO EXCEPTIONS.

**10. WEIGHT**

- 10.1 Super Street Type Cars: **3150** LB Min. / 56% LS After Race
- 10.2 Sportsman Type Cars: **3200** LB MIN. / 56% LS After Race
- 10.3 Perimeter Type Cars: 3300 LB MIN. / 55% LS After Race

- 10.4       \*\*All weights are to be painted white with the car # on each piece. Any driver that loses any lead from his car will be fined \$250.00 payable prior to any further competition race day or practice days. Weight box will be permitted and highly recommended.
- 10.5       Weight boxes optional, constructed of minimum 3" x 3" x .120 square steel tubing and must be welded completely to frame.
- 10.6       Management reserves the right to alter, change or adjust weight limits at their option and all additional weight to non-conforming cars.
- 10.7       All Perimeter Type Cars will be restricted on rear wheel weight to 50% MAX.

## **11. FUEL & FUEL SYSTEMS\*\***

- 11.1\*\* Racing fuel cells are mandatory, bladder type cells are highly recommended.
- 11.2       \*\* Maximum 22-gallon cells with fuel valves.
- 11.3\*\* Loop bar mandatory behind fuel cell.
- 11.4\*\* Two (2) sections of box tubing may also tie the rear frame rails together and act as a fuel cell mount.
- 11.5\*\* Fuel cells must be in trunk compartment, equal distance between frame rails and centerline of car.
- 11.6\*\* Bottom of fuel cell container must have a minimum ground clearance of 8".
- 11.7\*\* Stock type mechanical fuel pump only, in stock location. No electric fuel pumps allowed.
- 11.8\*\* No additional fuel reservoir, pressure equalizing systems, or fuel cooling devices allowed.
- 11.9\*\* Must run Fairgrounds Speedway Nashville track fuel only. No Exceptions. With NO additives or blends.
- 11.10\*\* Minimum 5 gallons fuel per race. No Exceptions.

## **12. IGNITION\*\***

- 12.1       \*\* Stock HEI Ignition only. No MSD pickups or modules. No MSD distributors, boxes Or RPM limiting devices allowed.
- 12.2       \*\* The alternator system, when used, must be mounted to front of the engine in the standard location and must not exceed 14.9 volt single wire system.

## **13. BRAKES**

- 13.1\*\* Brake pedals must follow stock configurations. Aftermarket hanging pedals allowed.
- 13.2\*\* Must have functional brakes on all 4 wheels at all times.
- 13.3\*\* Brake pad material optional.
- 13.4       **PERIMETER & SPORTSMAN TYPE CARS:** Four wheel disc brakes allowed.
- 13.5       **PERIMETER & SPORTSMAN TYPE CARS:** Brake bias devices allowed
- 13.6       **PERIMETER & SPORTSMAN TYPE CARS:** GM Style Single piston calipers, Steel or Alum.
- 13.7       **Super Street Type Only** Must have working four wheel brakes. All brakes must work.

#### **14. STEERING\*\***

- 14.1\*\* Conventional steering systems only consisting of stock style steering box are the only type allowed.
- 14.2\*\* Steering systems either manual or power.
- 14.3\*\* Quick release hubs recommended.
- 14.4\*\* Steering ratio may be changed only within steering gear box.
- 14.5 \*\* Tie Rods & All Steering componets must be steel!

#### **15. SPINDLES & HUBS\*\***

- 15.1\*\* Heavy duty aftermarket spindles allowed, but no racing spindles. **Excluding Perimeter Style Cars**
- 15.2\*\* Any stock OEM car hub, drum and rotor may be used.
- 15.3\*\* Large diameter wheel studs acceptable.

#### **16. TRANSMISSION/CLUTCH**

Transmission/Clutch options: **SPORTSMAN & PERIMETER ONLY 16.1- 16.10**

- 16.1 Manual cast iron case OEM with all gears operable. (3 speeds only)
- 16.2 No 4 or 5-speed transmissions. NO AUTOMATICS
- 16.3 No internal modifications or gear reductions are allowed.
- 16.4 Manual transmission must utilize stock all steel type pressure plate and steel or cast iron flywheel 14 inches only. 153 tooth, standard with a MIN. weight (14.5 LBS) must have counter weight.
- 16.5 10.5 inch pressure plate minimum 13.5 pounds, disc 10.5 inch only, 6 rigid friction pads minimum, minimum 3 pounds total weight.
- 16.6 Pressure plate must be of stock configuration.
- 16.7 Hydraulic clutch linkage permitted.
- 16.8 Cars must provide inspection holes for clutch
- 16.9 Blow proof bell housing mandatory.
- 16.10 Stock, steel flywheel only. No lightweight or altered stock flywheels
- 16.11 **SUPER STREET TYPE ONLY:** Must be stock automatic transmission with working torque converter. No power glides. Transmission coolers allowed in engine compartment only.
- 16.12\*\* Two (2) 360-degree shaft “2” x 1/4” hoops” mandatory, installed on forward 3/5 of drive shaft.
- 16.13\*\* One-piece steel drive shafts only. (min. dia. 2 3/4”)
- 16.14\*\* Drive shafts must be painted white.

#### **17. GROUND CLEARANCE**

- 17.1\*\* Fuel cell must have a minimum ground clearance of eight (8”) inches.
- 17.2\*\* Dragging exhaust systems will result in immediate black flag.
- 17.3 **PERIMETER TYPE CARS ONLY:** All Cars will have a MIN. of 4” Frame Height Clearance, Checked on the pad with the driver in the car. This will include all post race tech.

## **18. REAR END / DIFFERENTIAL**

18.1 **Sportsman Type Only:** 9” or GM, Spool or Locker ONLY! All brackets must remain in stock location!

18.2 **Sportsman Type Only:** Full floating re-end type & axle assemblies allowed. (Solid Axel No Gun Drilling)

18.3\*\* Aftermarket racing axles are recommended.

18.4 **PERIMETER TYPE ONLY:** Quick Change or 9” with wide 5 or Small 5 hubs.

18.5 **PERIMETER TYPE ONLY:** Only Spool or Detroit Locker Allowed. **NO GLYCINE OR TRACK STAR ALLOWED. NO EXCEPTIONS.**

18.6 **Super Street Type Only:** Rear ends may be posi-traction or spool. (LOCKED)

18.7 **Super Street Type Only:** Must run rear-end that came in that car.

## **19. ROLL CAGE/ FRAMES / ROLL BARS**

19.1 \*\* All cages must be style as set forth in the rulebook and approved for workmanship and design.

19.2 \*\* Driver is responsible for installation, construction and workmanship of roll cage.

19.3\*\* NO X Bar in Right Side Door Bars MIN. of 3 Door Bars (4 Recommended)

19.4\*\* Car must have four-point roll cage with diagonal bar behind driver.

19.6\*\* Top of roll cage may extend to rear frame behind fuel cell. All cars may be allowed front and rear hoop bars.

19.7\*\* All roll bar tubing must be 1 ¾ inch .90 diameter. Gussets required in left door bars.

19.8 **SUPER STREET & SPORTSMAN TYPE CARS ONLY** All frames and unibody structures must remain absolutely OEM factory produced.

19.9 **SUPER STREET & SPORTSMAN TYPE CARS ONLY** All measurements for all vital parts must remain stock. Body must be centered on frame.

19.10 **SUPER STREET & SPORTSMAN TYPE CARS ONLY** Replacement of rear frame rails with 2” x 3” x .120 minimum wall, steel tubing, permitted rearward from the center of the rear wheel hump.

19.11 **SUPER STREET & SPORTSMAN TYPE CARS ONLY** Frames and unibody structure may not be lightened anywhere.

19.12 **PERIMETER TYPE CARS ONLY** Must be “0” Zero Offset

19.13 **PERIMETER TYPE CARS ONLY** No Under slung Frames

19.14 **PERIMETER TYPE CARS ONLY** No ALUM. Interior

## **20. SUSPENSION**

20.1 **SPORTSMAN TYPE CARS ONLY** All front suspension mountings and spring locations must remain as produced except A-frame mounting may be replace with “perch” type mounting.

20.2 **SPORTSMAN TYPE CARS ONLY** Front shock location may be changed from stock location.

20.3 **SPORTSMAN TYPE CARS ONLY** Sway bars may be under slung mounts, adjustable mounts permitted. “I” bolts permitted.

- 20.4 **SPORTSMAN TYPE CARS ONLY** After-market sway bars allowed. 1 1/2" maximum diameter allowed.
- 20.5 **SPORTSMAN TYPE CARS ONLY** Any conventional type coil front spring with a diameter of 5" or greater can be used.
- 20.6 **SPORTSMAN TYPE CARS ONLY** Wedge bolts are allowed front and rear, maximum one per wheel, top adjustable only.
- 20.7 **SPORTSMAN TYPE CARS ONLY** Spring pocket may be altered for spring clearance and strengthen of clip.
- 20.8 **SPORTSMAN TYPE CARS ONLY** Lower control arms must be stock and unaltered for that make and model.
- 20.9 **SPORTSMAN TYPE CARS ONLY** Upper magnetic steel tubular A-frames or altered stock upper control arms utilizing stock A-frame permitted.
- 20.10 **SPORTSMAN TYPE CARS ONLY** All ball joints with steel shaft allowed. Adjustable style ball joints are permitted.
- 20.11 **SPORTSMAN AND PEREMITER TYPE CARS ONLY** Steel non-adjustable, re-buildable not exceeding \$200.00 per shock, available at normal retail outlets. Claim rule will be \$800 for set. Non-adjustable, No Clickers. If you claim someone's shocks you must run them at FSN next race. Shocks must remain with track promoter after shocks have been purchased.
- 20.12 **SPORTSMAN TYPE CARS ONLY** One shock per wheel.
- 20.13 **SPORTSMAN TYPE CARS ONLY** May run 3 length rear suspension OR truck arm rear suspension.
- 20.14 **SPORTSMAN TYPE CARS ONLY** No sliders on leaf springs.
- 20.15 **SUPER STREET TYPE CARS ONLY** May run after market racing style upper A-Arms must have steel cross shaft. May also have slotted cross shaft. NO exceptions.
- 20.16 **SUPER STREET TYPE CARS ONLY** Adjustable style ball joints are permitted.
- 20.17 **SUPER STREET TYPE CARS ONLY** Racing springs permitted.
- 20.18 **SUPER STREET TYPE CARS ONLY** Sway bar must be stock 1 1/2 inch diameter max.
- 20.19 **SUPER STREET TYPE CARS ONLY** No wedge bolts permitted. Adjustable buckets permitted. Racing shocks permitted mounted in stock location, Rebuildable shocks permitted. \$200 Claim rule on shocks. If you claim someone's shocks you must run them at FSN next race. Shocks must remain with track promoter after shocks have been purchased.
- 20.20 **SUPER STREET TYPE CARS ONLY** Steel A-frame bushings permitted.
- 20.21 **SUPER STREET TYPE CARS ONLY** Rear ends may be posi-traction or welded.
- 20.22 **SUPER STREET TYPE CARS ONLY** Must have working four wheel brakes. All brakes must work.
- 20.23 **SUPER STREET TYPE CARS ONLY** Must run rear-end that came in that car.
- 20.24 **SUPER STREET TYPE CARS ONLY** Lower trailing arms must be stock length.
- 20.25 **SUPER STREET TYPE CARS ONLY** Upper trailing arms may be re-drilled on rear end side only to adjust pinion angle
- 20.26 **SUPER STREET TYPE CARS ONLY** Replacement of rear frame rails with 2" x 3" x .120 minimum wall, steel tubing, permitted rearward from the center of the rear wheel hump.
- 20.27 **PERIMETER TYPE CARS ONLY** Truck arms or 3rd Link Trailing Arms, 3<sup>rd</sup> Link Bars and Track Bars must be STEEL. NO ALUM. Steel Heims only on anything.
- 20.28 **PERIMETER TYPE CARS ONLY** Steel Driveshaft Only

20.29 **PERIMETER TYPE CARS ONLY** NO COIL OVERS, NO BUMP STOPS

20.30 **PERIMETER TYPE CARS ONLY** Under the bottom headers ONLY. No 180 Degree Headers

20.31 **PERIMETER TYPE CARS ONLY** Will be restricted to a maximum front sway bar size of 1 ½" in size. Nothing any larger.

## **21. MUFFLERS**

21.1 \*\* Mufflers are MANDATORY . Muffler must be fully functional. Mufflers will be required at all race events, including Track Rental, Open Practice and Race Day. NO EXCEPTIONS.

21.2 \*\* NO SHOENFIELD SHORTIES WILL BE ALLOWED!

21.3 \*\* May raise or remove section of floor pan on right side of car for clearance to install large style mufflers (ex. Brezenski / Howe). Must box or replace floor pan with 22 gauge steel sheet metal only.

21.4 \*\* IF AT ANY TIME YOU ARE CAUGHT ON THE TRACK WITHOUT A MUFFLER, YOU WILL BE FINED \$1000 DOLLARS AND WILL NOT BE ALLOWED TO COMPETE UNTIL MUFFLER IS PLACED ON CAR AND FEE IS PAID IN FULL!

## Super Truck Rules

(Competing on 5/8 mile Track)

**\*\*\* MUFFLERS ARE MANDATORY AT ALL TIMES\*\*\***

**Notice:** All equipment is subject to the approval of officials. No equipment will be considered as having been approved by reason of having passed through inspection unobserved. Any equipment which does not conform to specifications or tolerances contained in this rulebook, will not be eligible for approval.

**Note:** All cars must comply with the rules set forth by the Fairgrounds Speedway at Nashville rule book to be eligible for competition. Any and all cars/trucks are subject to FSN technical inspection processes. FSN is not required to follow any other sanctioning bodies or manufactures guidelines in its technical inspections

### GENERAL POLICY

1. Two-way radios mandatory must have spotter in designated area during races and monitor race control.
2. Side window and door area must remain open other than window nets and small naca duct fitting not to exceed 12" inches.
3. Fire suit and approved SA 2000 or newer helmet required. Gloves are MANDATORY at ALL TIMES
4. Must have minimum 2 pound fire extinguisher with a gauge and a quick release mounted securely in car within reach of driver while belted in car.
5. **ABSOLUTELY NO CELL PHONES, SMART WATCHES, WRIST WATCHES OR ELECTRONIC DEVICES ALLOWED IN CARS AT ANY TIMES. NO EXCEPTIONS. If caught with any of these devices inside the car it will result in an AUTOMATIC Disqualification, a \$1000 Dollar Fine and a Automatic 2 Race Suspension!**

### 1. WHEEL BASE/ TREAD WIDTH

1. Minimum wheelbase is 105 inches (+ or - 5/8 of an inch)
2. Tread Width is 66" inches maximum for all. Measurements taken "as raced" no adjustments can be made.

### 2. BODY AND APPERANCE

1. Legal body is the AR extended cab truck body following the manufacturer specific guidelines and measurements and may run Lightning Lite Body Package.
2. No lightweight carbon fiber or Kevlar parts allowed.
3. Body must be on centerline of the distance between the outer edge of the tires front and rear, within (2) inches.
4. Bumper cover may be rubber, plastic, or fiberglass.

5. Floors minimum thickness .024, mounted in standard position, must be completely intact and completely sealed.
6. For exhaust systems only, the floor area on the right side of the seat may be raised panels, maximum of (10) inches from to the top of the driveshaft tunnel and extended to the right door panel.
7. Interiors must be completely enclosed between the both firewalls with no less than 24 gauge (.025) steel or aluminum.
8. Tires may not protrude more than 2" beyond outer edge of the body. No bubble fenders allowed.
9. No wings, or vertical airfoil stabilizers. No belly pans or ground effects allowed.
10. Truck beds must be square within 3/4" inch of cab centerline.
11. Minimum roof height will be 54 1/2", 10" from of top of windshield and maximum of a 1/2" of rake at rear.

### **3. REAR SPOILERS**

1. Max. 64" wide and 8" tall and not to exceed 47 1/2" from ground to top of spoiler, must be on centerline of truck bed with no offsets.

### **4. WINDSHIELDS**

1. A full clear front and rear windshield of .063 minimum Lexan with a minimum of (2) windshield braces.
2. No tinting on any windows.

### **5. ENGINE LOCATION ALL VEHICLES**

1. GM engines must be located center of the #1 spark plug is in line with top left ball joint.
2. Center of the crankshaft must be within 1/2" of the centerline of the frame rails.

### **6. CRATE ENGINES (All engines are subject to impound for dyno or teardown at any time)**

1. All crate engines will only be allowed 1.6 ratio rocker arms (not to exceed 1.65).
2. Stock Beehive valve springs allowed or use stock GM# 12551483
3. Must meet all guidelines and specifications outlined in part# 88958668 (Yellow Book) unless specified.

**Crate engines may be refreshed, but must retain all manufacturers' specifications. No Reground cams. Maximum Compression all engines 10.0. Recommended Rocker Arms will be Crane Cams.**

4. GM Cam #24502586 Permitted.

### **7 ENGINE GROUND CLEARANCE ALL VEHICLES**

1. Minimum height of (11) inches from the centerline of the crankshaft to the ground at ride height.

### **8. EXHAUST**

1. All competing vehicles must have a working exhaust system with a muffler that meet maximum of 90 dba.
2. Exhaust can protrude through the door and all exhaust tubing 4" OD maximum.

3. Under chassis or crossover type headers allowed. Custom one of a kind or homemade headers must be approved.

#### **9. CARBURETOR**

1. All crate engines must run Holley 4150 #80541-1 650 CFM 4 barrel. Carburetor must remain box stock. You may change jets, air bleeds, & power valves.
2. GM Crate Motor spacer Maximum height 1" Aluminum with 1 paper gasket per side not to exceed .065" in thickness. Open or 4 hole type allowed or tapered spacer allowed.
3. Throttle stops highly recommended, with (2) return springs opposing each other.

#### **10. AIR INTAKE**

1. Round dry type element, maximum of 4" tall and 14" diameter allowed.
2. No chemical treatment to element allowed.
3. Only round metal air filter housings will be permitted. Top and bottom of housing must be solid and must be same diameter. Lips or expanded edges will not be permitted.
4. No ram air, ducts, baffles or air dividers will be allowed on or leading to the air cleaner or element.
5. Fresh air openings of any type will not be permitted in the hood or cowl area.
6. Any device which may control flow of air will not be permitted inside of the air cleaner between the air filter housing and carburetor.
7. Up to 1" inch maximum spacer allowed between bottom of air filter housing and carburetor for throttle linkage clearance.

#### **11. FUEL SYSTEMS**

1. FSN fuel only. Tested samples will be compared to FSN sample.
2. No oxygen bearing or performance enhancing additives allowed. No cool cans, icers, or fuel cooling devices allowed.
3. Stock type mechanical pump only in stock location only.

#### **12. ELECTRICAL SYSTEM**

1. 12 Volt systems only and battery must be located forward of rear axle.
2. Approved battery powered stock type distributors only.
3. No traction control devices allowed.
4. On/Off master switch required and clearly marked and easily accessible to track safety crew. Must be wired to battery cable in a manner to cut off all electrical power.
5. One FAST Ignition part # 6000-6701 only as produced from FAST and mounted on right side of truck with dials pointed out the passenger side on original plate. The mag positive & negative shall be a maximum length of 62 inches. Must remain uncut or spliced and on top of dash in clear view which Mandatory 6400-RPM for Crates.

#### **13 COOLING SYSTEMS**

1. Any metal or aluminum radiator allowed in stock location not requiring any body modifications.
2. Overflow tube must exit to right side of windshield or cowl or a permanently installed metal catch can ahead of firewall.

3. Antifreeze is not allowed. Any vehicle found with antifreeze will be disqualified from the event and lose all points and monies from that event. **NO EXCEPTIONS!**

#### **14. CLUTCH**

1. Multiple disc clutches with steel floaters and pressure plates permitted, minimum 5 ½" in diameter. Solid magnetic steel clutches and pressure plates only. Clutches must be positive engagement design. Slider or slipper clutch designs are not permitted. No carbon fiber clutches. Clutches found not to meet this definition will be deemed illegal.
2. Bell housing can be Aluminum or steel.

#### **15 TRANSMISSIONS**

1. Standard stock production model OEM manual transmission allowed.
2. Minimum of 3, maximum of 4 operable forward gears and reverse.
3. All gears must be in working order (except first gear in 4 speeds).
4. No straight cut gears. No lightening of gears or main shaft.
5. Quick change transmissions not allowed.

#### **16 DIFFERENTIAL**

1. Quick change or 9" Ford configured rear ends allowed.
2. Full floating rear ends allowed.
3. Any truck choosing to use a spool (locked rear end) will get a 25 pound weight break.

#### **17 DRIVE LINE**

1. Rear wheel drive configuration only.
2. Two 360-degree drive shaft loops mandatory, installed fore and aft of drive shaft.
3. One piece steel drive shafts only. Minimum diameter of 2 ¾ and **Must be painted WHITE.**

#### **18. BRAKES**

1. Brakes must be operational on all 4 wheels. GM Style Single Piston Calibers **STEEL OR ALUM.**
2. Conventional hydraulic type brakes system only, no ABS type.
3. No brake fluid recirculators.
4. **NO** brake ducks allowed.

#### **19. FRAMES**

1. Only Perimeter fabricated frames must follow stock stub specifications with modifications permitted for clearance for the following: oil pan, fuel pump, headers, steering shafts, and springs and no under slung. Installations of sway bar, motor mounts, upper A frame mounts and weight jacking bolts will be permitted. Any other modifications must be approved. The distance from the inside edge of the frame rails, left and right must be within 1" of the centerline of the tread width front and rear. No holes may be cut in frame to lighten frame rails.
2. Frames rails must be parallel and constructed with minimum 2"X 3" steel square tubing with a minimum wall thickness .083.

## **20. ROLL BARS**

1. Round steel 1 3/4 "x .090 roll bars are required and must be approved.
2. Nascar style cage with min. of 4 door bars on driver's side, passenger side may be X'ed. Foot guard bar or plate mandatory, welded in place by clutch pedal to protect drivers left foot.
3. High density roll bar padding required within reach of driver.
4. Door bar deflector plates, welded to cage on driver's side are recommended.

## **21. SUSPENSION**

1. All parts of rear suspension must be solid, one piece construction with no moving parts, with one heim at each end. All mounts for trailing arms, third links and track bars must also be solid and may not have the ability to move.
2. Steel springs only.
3. No bump stops allowed. NO EXCEPTIONS.
4. Adjustable aluminum racing shocks allowed. Limit of 1 shock per tire. All shocks may be claimed after race (\$1400 for all 4), by a competitor finishing in the Top 5 after event. Refusal to sell will result in disqualification and loss of points and money. If any competitor purchases another competitors shocks, Shocks must stay with track promoter. Competitor who purchases shocks, will be required to run them at the following race.
5. No cockpit adjustable shocks or remote reservoirs are allowed.
6. No devices mechanical, electrical, or hydraulic for shifting weight will be allowed.

## **22. SPINDLES/HUBS**

1. Stock hub and rotors or steel hub with after-market steel rotor optional.
2. Aluminum 5x5 or wide 5 hubs allowed. No magnesium.
3. Approved cast, forged, steel after-market spindles allowed.

## **23. STEERING**

1. Rack and pinion steering not permitted.
2. An approved quick release steering coupling on steering wheel is mandatory.

## **24. GROUND CLEARANCE**

1. Frame rails and body 3" inch minimum at all times.
2. All body components 3" inch minimum at all times.

## **25. WHEELS**

1. Steel 10" wheels only.
2. Bleeder valves are not allowed.

## **26. TIRES**

1. Tires must be purchased from FSN and will be impounded.

2. Track Tire Only. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.
3. Competitors will run Hoosier F-50 tires. New purchasing policy will be enforced.
4. If Truck is equipped with spool (locked rear end) truck will have choice to use the XS tire for the Left Side. (Per stagger purposes only)

## **27. WEIGHT**

1. 604 Crate 3050 lbs. 56% left side. See section 6 for engine guidelines.
2. All weights attained with driver in seat.
3. A (1) lb. per lap burn off will be allowed.
4. Added weight must be in block form of no less than five-pound blocks (no pellets). Added weight must be securely bolted in place. Dislodged weight cannot be returned to car for weighing after race. All added weight must be painted white with car number in red or black. Any lost weight will result in a \$10 per pound fine to the Driver. **No Tungsten or similar weight allowed!**
5. Weight may not be ahead of the front spindles or in driver's compartment.
6. All official weights are determined by the FSN scales only.
7. Management reserves the right to adjust, alter or change weights as deemed necessary.

## **28. FUEL CELL INSTALLATION**

1. No "U" Shaped Fuel Cells or non standard-shaped fuel cells and must be vented with maximum 1" vent to outside left rear of body with OBERG Fuel Valve # SV-0828 Mandatory mounted on fuel cell.
2. Fuel cells in all vehicles must maintain 8" inch ground clearance.

## **29. MUFFLERS**

1. \*\* Mufflers are MANDATORY . Muffler must be fully functional. Mufflers will be required at all race events, including Track Rental, Open Practice and Race Day. NO EXCEPTIONS.
2. \*\* NO SHOENFIELD SHORTIES WILL BE ALLOWED!
3. \*\* IF AT ANY TIME YOU ARE CAUGHT ON THE TRACK WITHOUT A MUFFLER, YOU WILL BE FINED \$1000 DOLLARS AND WILL NOT BE ALLOWED TO COMPETE UNTIL MUFFLER IS PLACED ON CAR AND FEE IS PAID IN FULL!

## Pro-Late Model Rules

(competing on 5/8 Mile)

### **\*\*\* MUFFLERS ARE MANDATORY AT ALL TIMES\*\*\***

The rules and/or regulations set forth herein provide for the orderly conduct of racing events and to establish minimum acceptable requirements of such events. These rules shall govern the condition of all such 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. Speedway rules 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.

\*Speedway Officials shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications.

\*Speedway reserves the right to update, modify, and/or delete rules at any time deemed necessary to insure safety, fair competition or any other reason that may be appropriate.

\*Any interpretation or deviation of these rules is left to the officials. Any decision of and by Speedway Officials is final.

\* Any competitor that finishes in the top 5 may be required, at their expense, to remove the intake, heads, and/or oil pan for inspection purposes.

\*All cars must go through technical inspection prior to car taking to the track for practice. Cars will be weighed with driver, and may be done prior to or after qualifying and prior to or after the feature. Reading of designated scales will be official.

*Any issue that is discovered in pre-practice tech that is not fixed to officials' satisfaction by pre-qualifying tech will result in the loss of one qualifying lap.*

#### **1. General**

- 1 Two-way radios and Spotters are mandatory. Must have a spotter in the designated area in the grandstands.
- 2 Fire suit and approved SA 2000 or newer helmet required. Gloves are MANDATORY at ALL TIMES
2. Must have minimum 2 pound fire extinguisher with a gauge and a quick release mounted securely in car with
3. in reach of driver while belted in car.
4. All cars must be painted and lettered. NO duct tape numbers.

**5. ABSOLUTELY NO CELL PHONES, SMART WATCHES, WRIST WATCHES OR ELECTRONIC DEVICES ALLOWED IN CARS AT ANY TIMES. NO EXCEPTIONS. If caught with any of these devices inside the car it will result in an AUTOMATIC Disqualification, a \$1000 Dollar Fine and a Automatic 2 Race Suspension!**

6. Data Acquisition equipment/wiring will be allowed in car during any and all practice sessions. Data Acquisition will NOT be allowed during qualifying or racing events.

#### 4. Weight

1. All specified weight requirements will be with gas, oil, water and driver prior to racing.

2. Minimum weight 2800.

3. Maximum left side weight will be 58.0 percent at all times without fueling.

4. Cars using a working locked rear end (i.e Spool) may deduct 50 LBS off their total weight.

Cars will also receive a .5% left side weight percentage, totaling 58.5% LS weight.

4. Added weight must be in block form of no less than five-pound blocks (no pellets). Added weight must be securely bolted in place. Dislodged weight cannot be returned to car for weighing after race. All added weight must be painted white with car number in red or black. Any lost weight will result in a \$10 per pound fine to the Driver. **No Tungsten or similar weight allowed!**

#### 5. Engines

1. GM # 88958604 with the following updates, GM Cam #24502586, 1.6 rocker rocker arms, Comp Cam valve springs #941-16, Champ oil pan # CP106LTRB and Balancer.

2. Ford # M06007-D347-SR with 1.5 rockers.

3. McGunegill Ford # 425LM with 1.5 rockers.

- **Crate engines may be refreshed, but must retain all manufacturer's specifications unless specified.**
- **No reground cams. Maximum compression all engines 10.0.**
- **Recommended rocker arms will be Crane Cams.**

Only the top five drivers finishing a race, their crew chief or owner may claim a crate engine from a driver finishing the race ahead of the claiming Driver. The claim will be limited to one car and must be made within 10 minutes after completion of the feature event with the cash only claim fee to the Race Director or Chief Pit Steward. The claim fee will be the current price of the crate engine Plus \$100. The fee will be distributed to purchase a new crate Engine for the driver being claimed plus a \$100 pulling fee. Not included in the claim are carburetor, water pump, distributor and pulleys. A claim fee will not be accepted should Speedway Officials determine the claim fee has been made on someone else behalf or the fee is from more than one party. Failure to pull and sell a claimed engine will result in the driver being claimed forfeiting all purse and points for the event and all track points for the year. The driver must also pay a \$1,000 fine prior to being allowed to compete again at Speedway.

#### 6. Carburetor

1. Holly 650 HP 4150-80541 four-barrel. **No alterations**

2. Body of carburetor - no polishing, grinding, or drilling of holes permitted. No paint or any other type of coating other than from carburetor manufacturer allowed inside or outside of carburetor.

3. Any attempt to pull outside air other than down through venturis is not permitted.

4. A minimum of two return springs is required. Throttle stops recommended.

#### 7. Carburetor Spacer

1. GM Crate Motor spacer Maximum height 1" Aluminum with 1 paper gasket per side not to exceed .065" in thickness. Open or 4 hole type allowed or tapered spacer allowed. All Fords will not be allowed to run any spacer.

#### **8. Air Cleaner**

1. Air cleaner cannot be removed at any time during competition or practice.
2. Element may not be sprayed or soaked with any type of chemicals or liquids.
3. Nothing may direct or control the flow of air inside the air cleaner housing except the air cleaner element.
4. No sheet metal heat shields or any other type of hot air deflection device or airflow deflection device allowed past the backside of the radiator or in engine compartment.

#### **7. Exhaust Manifold**

1. Any type single flange steel tubular header permitted. Exhaust system must exit behind driver. If exhaust exits through the door, installation must include an exhaust flange that is mounted flush to the door and no more than ½ gap around pipe. Exhaust pipe must not protrude through door.
2. Measured from the center of #1 spark plug hole to the center of the top ball joint with in ¼" tolerance. Chevrolet – 4", Ford 4".
3. Engine must be in center of frame with 1" tolerance.
4. Center of crankshaft to ground clearance 10".

#### **8. Transmission**

1. Must have transmission with at least two forward and one reverse working gears. Jerico type transmissions permitted.
2. No Rankin or direct drive type, quick-change or automatic transmissions permitted.

#### **9. Clutch**

1. Multiple disc clutches with steel floaters and pressure plates permitted, minimum 5 ½" in diameter. Solid magnetic steel clutches and pressure plates only. Clutches must be positive engagement design. Slider or slipper clutch designs are not permitted. No carbon fiber clutches. Clutches found not to meet this definition will be deemed illegal.
2. Clutch housing assembly or cover may be made of steel or aluminum.

#### **10. Spindles**

1. Aftermarket, homemade and ¾-ton spindles permitted and must be steel only or approved Coleman spindle.

#### **11. Brakes**

1. Front and rear disc brakes mandatory. Any caliper permitted.
2. Only cast steel rotors permitted. Rotors must maintain a minimum of ¾" thickness and cannot be drilled or slotted completely through.
3. No carbon fiber, fiberglass or titanium brake parts allowed.
4. All brake duct hoses must be securely attached to the brakes, If found loose or not in tact with brake competitor will be immediately DISQUALIFIED.

#### **12. Ignition**

1. One Crane Cams Ignition part # 6000-6701 only as produced from Crane. Mounted on right side of car dials pointed out the passenger side on original plate. The mag positive & negative shall be a maximum length of 62 inches. Must remain uncut or spliced and on top of dash in clear view.
2. Alternators permitted.
3. One battery permitted. Maximum 16 volt and mounted securely outside of drivers compartment.
4. All wiring must be sealed. No unplugged wiring.
5. No traction control devices, electronic or otherwise, will be permitted. Use of traction control will be cause for immediate disqualification and suspension from future racing events.
6. Mandatory 6300-RPM for Fords and 6400-RPM for Chevy .

### **13. Wheels**

1. 10" Racing steel wheels only.
2. No Air bleeders permitted.
3. **NO BLOWERS OR HOSES WILL BE ALLOWED TO BLOW AIR ON TIRE OR WHEEL.**

### **14. Tires**

1. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.
2. Maximum tread width allowed is 66" (No Tolerance). Tread width is measured from the left center of tire to the right center of tire.
3. **Hoosier F-50 will be the only tire permitted in PLM division at FSN.**
4. **All Qualifying/Race Tires will be impounded, Tires will be released at set time per event schedule. Any tire caught being removing from impound without management permission will be fined and suspended for the remainder of the season.**
5. **All qualifying/race tires must be scanned by Tire Barn Manager before being placed into impound.**
6. **Any Pro Late Model choosing to use a spool (locked rear end) will have the choice in using the XS tire on left side only. (For tire stagger purposes only)**

### **15. Shocks/Springs**

1. Racing shocks permitted. One shock per wheel. Adjustable shocks allowed.
2. **Steel Coil over or bucket type springs permitted only.**

### **16. Rear Ends**

#### **\*\* MANDATORY IN 2020 ALL COMPETITORS WILL BE REQUIRED TO RUN A locked rear end (spool)\*\***

1. Quick change and open tube rear ends permitted.
2. No Independent rear suspension. Cambered rear ends permitted 1.5 degree maximum.
3. Damper shocks permitted.
4. Titanium Axles will be allowed.
5. No fifth (5th) coil, torque arm or lift bar suspensions will be permitted. No birdcage set-ups of any kind (3 or 4 link). Trailing arms must mount to rear end in a solid fashion

(heim allowed) and no part of the trailing arm mounting may freely rotate around the rear end.

6. All parts of rear suspension must be solid, one piece construction with no moving parts, with one heim at each end. All mounts for trailing arms, third links and track bars must also be solid and may not have the ability to move.
7. The wheelbase difference from left to right may not exceed 1/2 inch.

### **17. Fuel System/Cell**

1. TRACK FUEL REQUIRED. MINIMUM PURCHASE REQUIRED AT EACH EVENT. This will be the only fuel permitted to be used and must be unaltered. Fuel samples may be taken at any time and tested. Alcohol, nitro-methane, nitrous oxide, other oxygenating agents, or other additives are not permitted. Use of such substances or additives will result in immediate D.Q.
2. Manual, block mounted stock type fuel pumps only. No electric fuel pumps.
3. No icing, Freon type chemicals or refrigerants may be used in or near the fuel system or engine compartment. No cooling of fuel cell or fuel system.
4. Fuel cell mandatory, maximum capacity 22 gallons, **No "U" Shaped Fuel Cells or non standard-shaped fuel cells.** Vented with maximum 1" vent to outside left rear of body and OBERG Fuel Valve # SV-0828 Mandatory.
5. Fuel cell must have a minimum of two, made of 1" square tubing, protection braces wrapping around fuel cell from front, underneath and to back of cell and a rear protection bar of 1.75" tubing extending below the rear of frame and at least 1/2" below the bottom of fuel cell to cover the width of the fuel cell. Minimum ground-to-fuel cell 8".
6. Cars must have a minimum 1/8" steel plate, or similar strength aluminum plate, between fuel cell and rear end. A similar plate at the rear of the fuel cell is recommended.

### **18. Cooling System**

1. All cars must have catch can or hose to exit at windshield.
2. Water only must be used in cooling system. Any additive to water, i.e. Water Wetter, must first be approved by a Speedway Official. Any driver found using unapproved coolants must pay a \$250 fine before driver can compete at Speedway.
3. The duct work between the nose and the radiator may be no wider than 29" and may not be carbon fiber. The standard opening for the grill screen area, as approved for manufacturer's production, must be maintained at all times. Only ABC manufacturer's standard mesh screen may be used for the radiator opening in the nose.
4. Titanium is not allowed for use in any way on the race car unless noted.
5. No cool-down units allowed **AT ANY TIME.**
6. **No DRY ICE ANYWHERE ON THE CAR, FUEL OR ENGINE COMPARTMENT AT ANY TIME.** Any car found using dry ice will be immediately disqualified from qualifying and/or race event. Driver will also be subject to a MIN. of \$500 fine.
7. In 2020, there will be a max. Purchase amount restriction on all radiators that will not be allowed to exceed \$400 in value. No high dollar radiators will be allowed in 2020.

### **19. Bodies**

1. No titanium or carbon fiber body

2. Refer to CURRENT ABC Rulebook for all body rules: All panels must have ABC s tickers.
3. At all times, the ABC "A" measurement must maintain a min. length of 11.5 inches. Also, 20 inches is the min. length allowed for the nose, measured from the bottom, leading edge at center, up to the hood seam.
4. No panels allowed extending top edge of doors. The car body must be acceptable to Speedway Officials at all times. No car will be allowed to start a race without a full body.
5. Tape may not be used anywhere at on the car to control the flow of air or seal/secure seams between body panels, except for radiator grill screens. Concluding qualifying driver will be the ONLY person allowed to remove tape from front grill screen. (tape may be used for repairs- only if approved by tech official).
6. All grill screens must be factory ABC type and style.

## **20. Interior**

1. Interiors must be steel or aluminum only and shield driver from ground, engine compartment and fuel cell area. Firewall must be no less than 24-gauge metal and fully seal driver from engine compartment.
2. Car may have an installed dash panel with optional gauges. No digital gauges permitted. No in-car timing devices during competition.
3. ON-OFF switch must be located on dash within easy access of driver as well as access from outside left window opening. ON-Off positions must be clearly marked.
4. Quick release steering wheel is mandatory. Center top section steering post must be padded with at least 2" of padding material.
5. All roll bars surrounding driver must be padded. Padding must be acceptable to Speedway Officials.
6. A window net must be installed in the left side door glass opening. The window net must be a rib type, made from nylon material with a minimum 1" square opening between the ribs.
  - The minimum window net size shall be 22" wide by 16" high. All window nets must have quick release mechanism and be welded to roll cage. The window net, when in the closed position, must fit tight when secured.
7. Rear view mirror permitted inside of car only.
8. Approved helmet and fire suit and gloves required any time vehicle is on racing surface.
9. Head and neck restraint will be mandatory.
10. Bumper bars and right side door bars must be a minimum of .065 x 1 ¼ inch tubing.

## **21. Frames**

1. Straight rail, perimeter and OEM front clip frames permitted.
2. No chassis adjustment from inside car except for brakes.
3. Frame and roll cage, including weight box, must be inside of left front and left rear tires.
4. No under car panning outside of the frame rails and no further than drivers' tub front or rear at the bottom of the frame and lead cannot be used as panning or aero advantage

## **22. Roll Cage**

1. Speedway Officials must approve roll cage designs. Round steel tubing 1 ¾" OD round tubing by .090" minimum wall thickness must be used to construct roll cage. Roll cage should be box type with a cross support in the back and a minimum 9" upright support at the left front support.
2. Left door must have four bars and must have 1/16" minimum steel plate on all door bars.

### **23. Drive Shaft**

1. Steel or Aluminum drive shaft only. No carbon fiber wrapped in aluminum. Drive shaft must be painted white or silver.
2. Minimum one 360 degree loops, 1" x 1/8" steel.

### **24. Sway Bars**

1. The main body of the front sway bar must be made of steel and may be splined for attaching to the main body. Helm joints may be used for attaching the sway bar arms to the lower control arms.

### **25. Late Model Rule Enforcement**

1. The Chief Tech Inspector shall be authorized to make changes from any specification contained in these rules as a situation may dictate. Furthermore, the Chief Tech Inspector may impose further restrictions in an attempt to maintain fairness. Under no circumstances may the Tech Inspector alter any safety rule to less than stipulated.
2. ANY VARIANCE OF THESE RULES BY PARTICIPANT THAT MAY ULTIMATELY LEAD TO A REDUCTION IN SAFETY, OR AN INCREASED RISK, TO ANY PARTICIPANT, SHALL BE EXCLUSIVE RESPONSIBILITY AND LIABILITY OF PARTY OR PARTIES RESPONSIBLE FOR THE VARIANCE. THE MANAGEMENT OF THE SPEEDWAY AND THE PROMOTERS SHALL NOT BE RESPONSIBLE OR LIABLE FOR RULES AS PROVIDED.
3. OFFICIALS RESERVE THE RIGHT TO CONFISCATE THE PARTS.

### **27. MUFFLERS**

1. \*\* Mufflers are MANDATORY . Muffler must be fully functional. Mufflers will be required at all race events, including Track Rental, Open Practice and Race Day. NO EXCEPTIONS.
2. \*\* NO SHOENFIELD SHORTIES WILL BE ALLOWED!
3. \*\* IF AT ANY TIME YOU ARE CAUGHT ON THE TRACK WITHOUT A MUFFLER, YOU WILL BE FINED \$1000 DOLLARS AND WILL NOT BE ALLOWED TO COMPETE UNTIL MUFFLER IS PLACED ON CAR AND FEE IS PAID IN FULL!