



2022 TOUR MODIFIED RULES OF THE WORLD SERIES OF ASPHALT STOCK CAR RACING

SUBJECT TO CHANGE

THE INTENT OF THE FOLLOWING RULES IS TO ALLOW COMPETITIVE RACING BETWEEN DIFFERENT RACING SERIES.

ALL TOUR TYPE MODIFIEDS THAT COMPETED IN ONE THE FOLLOWING MUST FOLLOW 2021

NASCAR WHELEN TOUR R.O.C OR M.R.S. SERIES RULES (RULES MAY NOT BE COMBINED BETWEEN SERIES), WITH THE FOLLOWING EXCEPTIONS/ ADDITIONS BUT NOT LIMITED TO;

GENERAL: ALL CARS MUST PASS A GENERAL SAFETY & TECH INSPECTION PRIOR TO PRACTICING.

STANDARD MODIFIED BODIES ONLY AND FLAT OR CURVED WINDSHIELDS WILL BE ALLOWED. NO TAPE ALLOWED ANYWHERE ON CAR OR BLOCK OFFS.

ABSOLUTELY NO BUMP STOPS, BUMP SPRINGS, COIL BINDING OR TRAVEL LIMITERS (UP OR DOWN) OF ANY FORM WILL BE ALLOWED.

WEIGHT: MINIMUM WEIGHT OF 2600 FOR 358CI BUILT ENGINES (OVER 358CI MUST ADD 7 POUNDS PER CI)

MINIMUM WEIGHT OF 2650 FOR NASCAR SPEC AND PROGRESSIVE/ HAMNER SEALED ENGINES

MAXIMUM LEFT SIDE PERCENTAGE IS 56.0% AT ALL TIMES. NO EXCEPTIONS

ALL ENGINES WILL BE CHECKED FOR CUBIC INCH AND COMPRESSION AND MUST BE AT AIR TEMPERATURE.

MUST HAVE 1 INTAKE BOLT AND RF CARB STUD DRILLED 1/8" TO ACCEPT TRACK SEAL.

CARBURETORS MUST PASS TRACK NO/GO GAUGES AT ALL TIMES, UNLESS SPECIFIED PER SERIES RULES (ASK DON'T ASSUME).

- ANY STEEL **PORTED** CYLINDER HEAD MUST RUN A GAUGE LEGAL 650 CARBURETOR WITH 1" MAXIMUM SPACER.
- ANY STEEL **NON-PORTED** CYLINDER HEAD MUST RUN A GAUGE LEGAL 750 CARBURETOR WITH 1" MAXIMUM SPACER.
- 23 DEGREE ALUMINUM HEAD MUST USE A NASCAR LEGAL HOLLEY 390 CFM MODEL 4150 HP SERIES CARBURETOR WITH BRIDGED BOOSTERS. BOOSTERS MAY BE SHORTENED TO .500" TO USE A 1" AL SPACER.
- 18 DEGREE ALUMINUM HEAD MUST USE A NASCAR LEGAL HOOLLEY 390 CFM MODEL 4150 HP SERIES CARBURETOR WITH BRIDGED BOOSTERS, BOOSTERS MAY BE SHORTENED TO .500" AND USE A 1" SPACER OR STANDARD HEIGHT BOOSTER CAN USE A 2" AL 1 PIECE SPACER.
- PROGRESSIVE/HAMNER SEALED ENGINE MUST RUN A GAUGE LEGAL 750 CARBURETOR WITH 1" MAXIMUM SPACER.
- NASCAR SPEC ENGINE MUST RUN SPEC 830 CARBURETOR & SPACER PER WHELEN TOUR RULES.

ALL MINIMUM WEIGHTS ARE BEFORE TIME TRIALS & FEATURE WITH DRIVER. CAR & DRIVER MUST BE RACE READY, NO ADJUSTMENTS ALLOWED AFTER CAR IS SCALED AND MUST GO DIRECTLY TO STAGING AREA. TIRE PRESSURES MAY BE CHECKED BEFORE RACE. A ONE POUND PER LAP BURN OFF ALLOWED AFTER FEATURE UNLESS WEIGHED PRIOR TO GOING ON TO TRACK.

SPOILER: MAXIMUM SPOILER HEIGHT 8 INCHES, MAXIMUM WIDTH 48 INCHES AND MUST BE CLEAR POLYCARBONATE AND MAXIMUM HEIGHT OF 44 INCHES FROM THE GROUND TO THE TOP OF SPOILER WITH DRIVER IN CAR.

AIR FILTER: PAPER OR K&N ELEMENT ONLY AND MAXIMUM 5" HEIGHT BY 14" DIAMETER WITH SOLID METAL TOP ONLY WITH NO CARB HATS.

FUEL: 112 TRACK FUEL ONLY OR EQUIVALENT. NO ADDITIVES OR OXYGENATES ALLOWED. FUEL MUST PASS A CHEMICAL AND/OR DIGITRON TESTING. COMPETITOR MUST SHOW PROOF OF FUEL PURCHASE EACH DAY PRIOR TO QUALIFYING WITH A 5 GALLON MINIMUM. IT'S RECOMMENDED THAT AN OBERG or SRI FUEL SHUT OFF VALVE BE PLACED AT THE POINT THE FUEL EXITS THE CELL.

COOLANT: NO ANTI-FREEZE. A NON-ANTIFREEZE COOLANT TYPE OR WATER ALLOWED.

GEAR RULE: [REDACTED] 4.76 FOR SPEC/SEALED MAXIMUM) QUICK CHANGE REAR ENDS WITH SPOOLS ONLY.

TRANSMISSION: STANDARD PRODUCTION SIDE SHIFT TRANSMISSIONS ONLY AND APPROVED AFTERMARKET SIDE SHIFT JERICO TRANSMISSIONS ONLY. NO TRANSMISSION WITH A GEAR RATIO BETWEEN 1.00 AND 1.15 ALLOWED. HIGH GEAR RATIO MUST BE 1.00:1.

TIRES: HOOSIER RIGHT SIDE: M-30/ LEFT SIDE: M-20. TIRES MUST BE PURCHASED THROUGH TRACK VENDOR. THE USE OF TIRE SOFTNER/CHEMICALS OF ANY TYPE IS NOT ALLOWED. NO LUBRICANTS OR DRESSINGS OF ANY TYPE MAY BE APPLIED TO THE SIDEWALLS OF THE TIRES. AFTER FEATURE TIRES CAN ONLY BE CHECKED WITH STAGGER BOARD ON FRONT STRAIGHTAWAY. MAXIMUM TREADWIDTH 84 INCHES MEASURED WHEELBEAD TO WHEELBEAD. **ANY DEVICE, MODIFICATION OR PROCEDURE TO THE TIRE, WHEEL OR VALVE STEM HARDWARE THAT IS USED TO RELEASE PRESSURE FROM THE TIRE WILL NOT BE PERMITTED.**

ADDITIONAL INFORMATION: THE ONLY ADJUSTING DEVICE IN THE DRIVERS COMPARTMENT WILL BE ONE BRAKE BIAS ADJUSTER. NO OTHER DEVICES OF ANY KIND TO CONTROL OR ALTER THE HANDLING, PERFORMANCE OF THE ENGINE, WEIGHT PERCENTAGE, RIDE HEIGHT AND ETC. OF THE CAR. NO TRACTION CONTROL OR ABS ALLOWED AND IGNITION BOXES MAY BE TAKEN APART AT ANYTIME. NO DIGIT AL READ OUT GAUGES OR ANY TYPE OF RECORDING DEVICES ALLOWED. ALL EQUIPMENT, PARTS & CARS ARE SUBJECT TO TRACK APPROVAL. WEIGHT PENALTIES MAY BE ADJUSTED IF NEEDED. RACE PROCEDURES WILL FOLLOW NEW SMYRNA SPEEDWAY RULES.

NEW SMYRNA SPEEDWAY RESERVES THE RIGHT TO AMEND RULES IN THE BEST INTEREST OF SAFETY AND/OR COMPETITION

For All TOUR MOD Tech Questions Please Contact
ROBERT PETTIT AT 336-403-7884

SEE BELOW FOR RACE PROCEDURES

2022 RACE PROCEDURES

76 LAP RACE PROCEDURE: "IMPOUND RACE" CARS WILL BE IMPOUNDED AFTER QUALIFYING. ADJUSTMENTS WILL BE ALLOWED PRIOR TO FEATURE ON STAGGER BOARDS- NO JACKS. DURING THE FEATURE NO TIRE CHANGES OR SWAPS IT IS A FOUR (4) TIRE RACE. IN THE EVENT OF A FLAT TIRE YOU MUST USE A PREVIOUS NIGHTS FEATURE TIRE AS REPLACEMENT.

100 LAP PROCEDURE: "IMPOUND RACE" CARS WILL BE IMPOUNDED AFTER QUALIFYING. ADJUSTMENTS WILL BE ALLOWED PRIOR TO FEATURE ON STAGGER BOARDS- NO JACKS. IT IS A SIX (6) TIRE RACE WITH CONTROLLED STOPS. IN THE EVENT OF A FLAT TIRE YOU MUST USE A PREVIOUS NIGHTS FEATURE TIRE AS REPLACEMENT.