



2021 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 2020 NASCAR WHELEN TOUR, SMRS, R.O.C. OR V.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 CAN RUN A GAUGE LEGAL 390 OPEN BOOSTER CARBURETOR WITH 1" MAXIMUM SPACER.
- 18 DEGREE Option 1 ALUMINUM HEAD MUST RUN A STOCK LEGAL 390 WITH 2" SOLID SPACER OR OPTION 2 RUN A 390 CARBURETOR WITH .500 BOOSTERS WITH THE BOOSTER BAR LEFT IN CARBURETOR AND A 1" 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.

RIDE HEIGHT: 2" MINIMUM BODY & CHASSIS WITH DRIVER AT ALL TIMES NO PULLING UP.

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: (4.86 BUILT AND 476 FOR SPEC/SEALED MAXIMUM) QUICK CHANGE REARENDS WITH SPOOLS ONLY. GEAR RATIO WILL BE VERIFIED (OUT OF CAR), SEALED AND CHECKED IN THE TECH LINE.

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. TRANSMISSION RATIO WILL BE VERIFIED (OUT OF CAR), SEALED AND CHECKED IN THE TECH LINE. DRILL (2) SIDE COVER BOLTS WITH 1/8" DRILL FOR SEALING PURPOSES.

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 DIGITAL 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