

SANDUSKY SPEEDWAY

2021-2024 NORTH COAST STOCK SERIES RULES (PURE STOCKS)

IMPORTANT NOTICE: THE FOLLOWING SPECIFICATION HAVE BEEN PREPARED BY THE SANDUSKY SPEEDWAY OFFICIALS FOR THE CONSTRUCTION OF SANDUSKY SPEEDWAY NORTH COAST STOCK SERIES CARS. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH RULES. THEY ARE INTENDED AS A GUIDE AND ARE IN NO WAY A GUARANTEE AGAINST INJURY OR DEATH TO PARTICIPANTS, SPECTATORS OR OTHERS.

NO EQUIPMENT WILL BE CONSIDERED AS HAVING BEEN APPROVED BY REASON OF HAVING PASSED THROUGH INSPECTION UNOBSERVED. ANYTHING NOT COVERED BY THESE GUIDELINES SHOULD BE APPROVED BY THE EVENT DIRECTOR OR CHIEF TECH INSPECTOR AND BE PLACED IN WRITING. TECH INSPECTOR WILL HAVE THE FINAL DECISION.

NOTICE: THESE RULES HAVE BEEN DEVELOPED FOR THE FUN OF RACING IN A LOW COST FASHION. THIS REQUIRES LIMITS IN VARIOUS AREAS TO KEEP COMPETITION EQUAL AND FAIR FOR ALL PARTICIPANTS. IN ORDER TO ACCOMPLISH THIS IF IT DOESN'T SAY YOU CAN – DON'T. WITH THE HELP AND CONSIDERATION OF THE PARTICIPANTS, THIS CAN BE ACCOMPLISHED. TRY TO LIVE WITHIN THE SPIRIT OF THE RULES. IF YOU HAVE QUESTIONS, PLEASE CONTACT BEAVER AT 567-219-1234 BETWEEN 5:30 AND 9 PM OR COMMITTEE MAN JOHNNY NEWMAN – 440-752-0998.

ANY CAR DEEMED TO BE UNSAFE BY TRACK OFFICIALS WILL NOT BE ALLOWED TO COMPETE

1. CAR BODY AND FRAME

- A. AMERICAN PASSENGER CAR WITH 108-INCH WHEEL BASE MINIMUM, FULL FRAME AND MUST BE LEFT STOCK. NO UNIBODYS
- B. FULL DECKING IS ALLOWED, FOOT BOXES ARE ALLOWED, FLOOR MUST BE UNDER DRIVER COMPARTMENT. FULL FIREWALL IS REQUIRED INCLUDING ON FOOT BOX CARS – DOES NOT HAVE TO REMAIN IN STOCK LOCATION.
- C. NO JEEPS, STATION WAGONS, CONVERTIBLES, VANS, FOUR WHEEL DRIVE CARS, OR FRONT WHEEL DRIVE CARS. ANY BODY STYLE MAY BE MOUNTED TO ANY CHASSIS (STEEL ONLY). FORD / CHRYSLER / MERCURY / ETC, BODIES ON GM METRIC CHASSIS (VICE / VERSA). FRAME & CHASSIS, ENGINE, TRANSMISSION AND REAR END MUST BE OF THE SAME MANUFACTURER.
- D. NO MODIFICATIONS TO FRAME. NO COMBINING / INTERCHANGING OF THE FRAME COMPONENTS. WHEEL BASE MUST BE WITHIN 1" OF ORIGINAL MANUFACTURE SPECIFICATIONS.
- E. FRAME HEIGHT MINIMUM 6".
- F. ALL BODY PANELS (NOSE AND TAIL PIECE MUST A MINIMUM OF 3" INCHES FROM THE GROUND) NO WICKERS ON SPOILERS. 2 SLOTS 4" WIDE MUST BE CUT ON THE BOTTOM OF THE FRAME – ONE BEHIND THE DRIVERS SIDE FRONT TIRE AND ONE IN FRONT OF DRIVER SIDE REAR TIRE FOR FRAME HEIGHT GAGE.

G. HOMEMADE BODIES ARE PERMITTED – MUST HAVE MIN OF 2" CONTOUR IN THE MIDDLE OF THE DOOR. **NO FLAT SIDED BODIES.** BODIES MUST BE STOCK APPEARING. 5 STAR AND ABC AFTERMARKET BODIES ARE PERMITTED. MAXIMUM 6" SPOILER. NOT TO EXCEED THE WIDTH OF THE TOP OF THE QUARTERS. LEXAN WINDSHIELD AND REAR WINDOW PERMITTED. WINDOW DEFLECTORS ARE PERMITTED ON DRIVERS SIDE ONLY – MUST BE APPROVED BY TECH.

H. HOODS MUST HAVE 4 HOOD PINS AND 4 PINS IN TRUNK LID.

I. BUMPERS MUST HAVE A CHAIN ON BOTH FRONT AND REAR.

I. NO MIRRORS ARE PERMITTED

J. ROOF HEIGHT, NO LOWER THAN 51"

K. FIBER GLASS BODIES OR ALUMINUM MUST WEIGHT 3350 LB.

L. FRAMES MAY BE X

2. SUSPENSION

A. LOWER AND UPPER REAR CONTROL ARMS MUST BE STOCK LENGTH TO FRAME AND IN STOCK LOCATON.

B. AFTER MARKET BUSHINGS MAY USED – NO MONO BALLS OR NO OFFSET BUSHINGS ALLOWED. SPRINGS MAY BE USED.

C. NO FRONT LOAD BOLTS. REAR LOAD BOLTS ARE PERMITTED. CAN HAVE ADJUSTABLE SPRING BUCKETS.

D. MUST RUN STOCK SPINDELS TO FRAME. STOCK BALL JOINTS ONLY. STOCK SWAY BAR NOT TO EXCEED 1 ¼" STOCK LINKS ONLY NO ADJUSTABLE SWAY BARS. STOCK MOUNTED SHOCKS, MONROE SHOCKS ONLY NO RACING SHOCKS GM: SH81494, 94001 5840 SH81492 and 5802 - Ford: SH81446, 94002, 5801, 5818 and 343135 Ford: SH81446, 94002., STOCK BRAKES NO RACING BRAKES. NO DROP SPINDELS. 2 PIECE AFTER MARKET HUB AND ROTOR ALLOWED, MINUMUN 9/16 WHEEL STUDS, STEERING QUICKENERS PERMITTED, STEERING BOX IN STOCK LOCATION.

E. NO TRACTION CONTROL DEVICES OF ANY KIND

F. TUBULAR UPPER CONTROL ARM ARE ALLOWED 8" OR 8 ½" ONLY. LOWER CONTROL ARM MUST BE STOCK G.

NO ALUMINUM DRIVE SHAFTS

H. METRIC FRAMES 7.5 REAR END, CHEVELE 8.5 REAR END.

I. ALL BRAKES MUST BE STOCK WITH THE FRAME BEING USED. SLOTTED OR DRILLED ROTORS ALLOWED.

J. ANY PACKAGING SHELVES THAT HAVE BEEN MOVED MUST WEIGH 3450 WITH 75 POUNDS ALONG THE MIDDLE OF THE RIGHT SIDE OF FRAME AND 75 POUND BEHIND THE RIGHT REAR WHEEL. IF YOU FEEL YOUR CAR IS IN QUESTION, PLEASE CALL BEAVER.

K. AFTER MARKET NON ADJUSTBLE TRAILING ARMS ALLOWED, MUST BE SAME LENGTH AND POINTS.

3. TRANSMISSIONS

A. ANY STOCK PRODUCTION AUTOMATIC TRANSMISSION ALLOWED.

B. STOCK O.E.M. TORQUE CONVERTER WITH O.E.M. STALL SPEED. NO DUMMY CONVERTERS C. ANY STOCK PRODUCTION 3 OR 4 SPEED ALLOWED. NO CENTER DROP OUTS

- D. 360 DEGREE STEEL BLOW PROOF HOUSING IS MANDATORY FOR MANUALS.
- E. NO ALUMINUM BELL HOUSING
- F. A TRANSMISSION BLANKET OR STEEL TRANSMISSION FLOOR PAN IS HIGHLY RECOMMENDED FOR AUTOMATIC
- G. NO RACING CLUTCHES

4. WHEELS AND TIRES

- A. MAXIMUM 8" STEEL WHEEL
- B. TIRE MUST BE AMERICAN RACER 970
- C. WHEELS MUST NOT BE NO MORE THAN 3" OUTSIDE BODY
- D. NO AIR BLEEDER VALVES IN WHEELS

5. WEIGHT

- A. MINIMUM 3300 LBS WITH DRIVER BEFORE RACE
- B. MAXIMUM 54% LEFT SIDE WEIGHT WITH DRIVER
- C. MINIMUM OF 51% FRONT END WEIGHT WITH DRIVER

6. RADIATOR

- A. ANY RADIATOR STOCK LOCATION
- B. 180 DEGREE FAN SHROUD OR ELECTRIC FAN
- C. NO ANTI FREEZE OR ADDITIVES. IF FOUND WILL BE \$100 FINE

7. BATTERIES, ALTERNATOR AND IGNITION A. CAN NOT BE MOUNTED IN TRUNK

- B. STOCK HEI DISTRIBUTORS, NO DUAL POINT DISTRIBUTORS, NO SPARK BOXES, NO OUTSIDE COILS
- C. NO MARINE DISTRIBUTORS
- D. NO MSD OR EQUIVALENT TO COMPONENTS. NO HIGH VOLTAGE OUTPUT.

8. GAS TANK

- A. FUEL CELLS MANDATORY. FUEL CELL MUST BE MOUNTED IN TRUNK AND SECURED TO FRAME BY AT LEAST 2 – 1" STEEL STRAPS NO LOWER THAN CENTER SECTION OF REAR END. B. RACING FUEL MAY BE USED. NO ALCOHOL, NO ADDITIVES.
- C. MUST HAVE A ROLL OVER VALVE

9. CARBURETOR

- A. STOCK OUT OF THE BOX 4412 HOLLYS, CHOKE PLATE MAY BE REMOVED
NO OTHER MODIFICATIONS WHATSOEVER
- B. CARBURETOR MUST PASS GAUGE TEST, TOP AND BOTTOM
- C. 1" ADAPTER PLATE ALLOWED

- D. MUST HAVE 2 RETURN SPRINGS
 - E. CARBURETOR WILL BE SUBJECT TO RESTRICTER PLATE
 - F. NO XP OR EXOTIC CARBURETORS
 - G. PERCEY PLATE ARE ALLOWED
10. INTAKE MANIFOLD
- A. 2 BARREL CAST IRON INTAKE, UNMODIFIED NO HIGH RISE 2 BARRELS
 - B. NO BRAZINSKI INTAKES
 - C. 2 BARREL CAST IRON INTAKE DOUBLE HUMP AND WORLD PRODUCT HEADS ONLY
 - D. ALUMINIUM INTAKE WITH 305 HEADS ONLY PERFORMANCE #RPM OR SMALL BLOCK 7101 OR 351 WINDSOR WITH 7181 ONLY
11. EXHAUST
- A. 2 ½" DIAMETER MAXIMUM
 - B. ANY STOCK PRODUCTION AND UNALTERED EXHAUST MANIFOLD ALLOWED. NO OVER THE TOP HEADERS REDUCERS ALLOWED. 1 5/8" TUBES MAXIMUM.
 - C. NO PORTING AND POLISHING
 - D. EXHAUST MUST EXIT BEHIND DRIVER
 - E. NO H OR X AND 2 INTO 1 EXHAUST SYSTEMS
12. ENGINES (**NO CRATE MOTORS**)
- A. CENTER LINE OF ENGINE MUST BE SAME DISTANCE FROM LEFT TO RIGHT FRAME RAIL
 - B. ENGINE MUST BE US FACTORY PRODUCTION, CAST IRON BLOCK, HEADS, INTAKE,
 - C. CYLINDER HEADS MUST BE 350 OR 305 HEADS UNMODIFIED DOUBLE HUMPS. 194 VALVES MAX, WORLD PRODUCT HEADS #043610 ONLY, ROLLER ROCKERS ALLOWED ALL MUST BE 1.5 OR 1.6 ALL CAN BE MIXED. SCREW IN STUDS AND GUIDE PLATES ALLOWED. NO SHAFT MOUNTED ROCKERS. NO VORTEX OR ANGLE PLUG HEADS. 6" ROD ENGINES ARE ALLOWED.
 - D. ENGINE SIZES: GM ENGINES 350 C.I. PLUS .060 MAX. OVER BORE (NO 400 BLOCK. FORD ENGINES 351 C.I. WINDSOR ONLY PLUS .060 MAX OVER BORE. MOPAR ENGINES 360 C.I. PLUS .060 MAX OVER BORE. NO CLEVELAND PARTS
 - E. HYDROLIC CAM AND LIFTERS ONLY. 480 LIFT MAX.
 - F. FLAT TOP PISTONS 2 OR 4 VALVE REFEIF
 - G. NO LIGHTWEIGHT LOWER ASSEMBLIES.
 - H. ALL PART NUMBERS MUST BE LIGIBLE AND UNALTERED.
 - I. NONE OF THE FOLLOWING PORTING, SANDING, POLISHING, GASKET MATCHING, GEAR DRIVES.
 - J. STOCK APPEARING OIL PAN OR AFTER MARKET OIL PANS

- K. NO LS MOTORS
- L. CRANK SHAFT MUST WEIGH 49 LB
- M. MINIMUM OF 54CC HEADS
- N. **CHIP OR RESTRICTOR PLATE MAY BE ADDED AT ANY TIME FOR THE BETTERMENT OF THE SPORT BY THE TECH OFFICIAL**

13. SAFETY ITEMS

- A. RADIO MANDATORY. ONE-WAY RECEIVER ONLY. ANY COMMUNICATIONS BETWEEN PIT CREW AND DRIVER WILL RESULT IN COMPLETE DISQUALIFICATION AND LOSS OF POINTS FOR THE SEASON. **NO CELL PHONE OR CELL PHONE ACCESSORIES ALLOWED IN CAR.**
- B. ROLL CAGE. MINIMUM 4 POST CAGE WITH 1 3/4" BY .095 INCH WALL THICKNESS MAY PASS THROUGH FIREWALL. DIAGONAL SIDE TO SIDE BRACING. FRONT AND REAR HOOPS MAY BE USED. MUST HAVE SEAL SUPPORT BAR BEHIND DRIVE. EXTRA BRACE BARS RECOMMENDED BEHIND DRIVER. MAY PASS THROUGH FIREWALL. MUST HAVE A 1/8" STEEL PLATE BETWEEN DOOR SKIN AND SIDEBARS. MINIMUM OF 3 DRIVER SIDE BARS, 2 BARS PASSENGER SIDE. GAS TANK PROTECTION BAR MANDATORY
- C. COMPETITION SHOULDER HARNESS AND SEAT BELTS MUST BE INSTALLED TO TECHNICAL INSPECTORS APPROVAL. SEAT BELTS AND SHOULDER HARNESSES OF THE 5 POINT VARIETY MUST BE USED AND SHOULD BE BOLTED TO THE ROLL CAGE STRUCTURE. LAP BELTS AND SHOULDER HARNESSES ARE TO BE 3" IN WIDTH. UPPER END OF THE SHOULDER HARNESS MUST BE SECURELY FASTENED TO METAL SUPPORTS AT A POINT NO HIGHER THAN THE DRIVERS SHOULDERS.
- D. THE FOLLOWING SAFETY EQUIPMENT IS MANDATORY, FIRE SUIT, FULL COVERAGE HELMET MEETING SNELL STANDARDS, FIRE RETARDANT GLOVES. FIREPROOF SHOES ARE STRONGLY RECOMMENDED.
- E. OPEN FACE HELMET MUST WEAR GOGGLES
- F. DRIVERS SIDE WINDOW NET MANDATORY MUST BE MOUNTED TO CAGE NOT TO BODY PANELS
- G. **ANY ITEMS NOT COVERED SHOULD BE CHECKED WITH TECHNICAL INSPECTOR**
- H. OFF SET ROLL CAGES ARE PERMITTED. BARS MUST GO TO THE OUTSIDE FRAME OF EACH SIDE, HALO MUST REMAIN NO LESS THEN 21" MIN FROM OUTSIDE BAR TO OUTSIDE BAR.

14. TRANSPONDER/TECH

- A. IT IS HIGHLY RECOMMENDED THAT YOU PURCHASE YOUR OWN TRANSPONDER - WESTHOLD TRANSPONDER
- B. IF ANYTHING IS IN QUESTION CALL FOR CLAIRFICATION BEFORE YOU DO IT. ANY ILLEGAL PARTS WILL BE CONFISCATED AND DESTROYED.
- C. ALL CARS WILL BE WEIGHED AND FRAME HEIGHT CHECKED BEFORE FEATURE. IF YOU ARE SENT TO YOUR PIT MORE THEN 2 TIMES FOR FAILING PRE-TECH INSPECTION YOU WILL START TAIL OF THE FEATURE.
- D. TOP 4 CARS AFTER FEATURE WILL REPORT TO TECH AFTER THE FEATURE FOR POST RACE INSPECTION. TRACK RESERVE THE RIGHT TO TECH ANY CAR AT ANYTIME.