

SOUTH SOUND SPEEDWAY

2024 BABY GRAND RULES

RULE BOOK DISCLAIMER:

The rules and/ or regulations set forth herein are designed to provide the orderly conduct of racing events and to establish minimum acceptance requirements for such auto racing events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules.

NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND / OR REGULATIONS.

These rules and regulations are intended as a guide for the conduct of auto racing at South Sound Speedway and are in no way a guarantee against injury, or death to a participant, spectator, officials, or others.

The Race Director and/or Technical Director shall be empowered to permit minor deviation from any of the specifications or rules herein, or impose any further restrictions that, in their opinion, do not alter the minimum acceptable requirements.

NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF THESE SPECIFICATIONS OR RULES.

Any interpretation of, or deviation from these specifications or rules is left to the discretion of the Race Director and/or Technical Officials. Their decision will be final.

1. COMPETING MODELS:

(A) CHASSIS REQUIREMENTS: All cars participating must be a complete car manufactured by BABY GRAND MFG. Inc. Modifications for 2004-Present 1000cc fuel injected engine ok. Brackets, plates, or bars may be welded to the chassis for mounting weights, fire bottle, second battery tray, or seat belt mounts. A skid plate may be installed to protect the oil pan. This skid plate cannot be wider than the main frame rails, and cannot extend beyond the front or rear of the engine. Bottom steel bracing below the right door bar must be retained min 3/4" square tube.

It is legal to add a window vent post under the right side halo. This support bar is not mandatory, but allowed. If added, the part must be made of 1 1/2" .095" mild steel tubing. It must be welded into place in a position that is similar to the existing vent post on the Driver's side of the car. Minimum weight 1500lbs.

2. BODIES:

(A) Only fiberglass bodies and replacement panels manufactured to BABY GRAND MANUFACTURING dimensions. No "Homemade Bodies" allowed. No modifications to body shape are allowed.

(B) The rear spoiler manufactured by Baby Grand Inc. can be used as supplied from the Manufacturer, without any alterations. Spoiler angle must be between 45 and 70 degrees. Spoiler braces are allowed to maintain proper spoiler angle and no other use. ADD: We will allow a Lexan Spoiler with Braces and Dimensions can not exceed the 41 ¾" L X 5" H based off the Aluminum MMRA Stamped spoiler. So if you run a Lexan spoiler and it is a 2 piece that includes the space between the 2 Lexan Pieces.

(C) Hinges and pin kits required. Roof opening must be hinged in front only. Positive latches that can be opened from inside and outside body required. Hood and trunk must be held shut with positive pin fasteners-one (1) on each side or fastened in a manner acceptable to official(s).

(D) Roof must stay closed during competition or face black flag.

3. SUSPENSION:

(A) All working suspension must be in facsimile to what is intended to be ran on Baby Grand/Pro National cars. Spindles may not be altered or changed. Adjustable Ball Joints ok, NO BUMP STOPS of any kind. Maximum tread width outside of tires measured with toe plates is 56". Wheel Base must be between 75.5"-76.5". Minimum ride height 2.5". The maximum left side weight is 57% with Driver. Any Car that Weighs Over 1575 LBS is exempt from the 57% Left Side weight but not to exceed 60% Left side weight. Every driver will adhere to the track scales. 1000cc FI powered cars 1500lbs.57% left side weight.

(B) **WHEELS:** Maximum 8" steel wheels permitted. Must be approved for Circle Track, Bassett, Aero, etc. No remanufactured or homemade wheels. No bead lock wheels permitted or extreme beads. No Offset rule max 1" of wheel spacers per corner.

(C) **TIRES:** American Racer BG 52 tires only. Purchased at race car supply

(D) **BRAKES:** The car must have four disc brakes that are operational at all times. Brake lines cannot be plugged or disabled. Only steel rotors issued from the Manufacturer are allowed. Rotors cannot be drilled or grooved. Any type of brake pad may be used. Ducting may be installed to cool brakes

4. ENGINE AND TRANSMISSION:

Yamaha FJ allowed. Max 200psi compression, no porting and polishing. Must use INEX ignition coils and box.

2004-current 1000cc FI engines allowed. Only modifications allowed is a power commander and removal of top injection and clutch and kick stand wiring

5. SAFETY:

(A) FUEL CELL:

1. The use of a commercially manufactured fuel cell is mandatory. The maximum capacity, including filler spout and overflow vent check valves is 5 gallons. Overflow check valves are required. The fuel cell vent must exit out of the trunk area on the left rear side of the car. No materials other than standard foam supplied by the fuel cell manufacturer are permitted to make the fuel cell meet the 5-gallon capacity.

2. Fuel cell container is required. **The fuel cell must be enclosed in a container of not less than 22 gauge steel.**

3. Fuel cell and fuel cell container must be fastened to the frame in a recessed frame support as far forward in the trunk area and at an equal distance between the frame rails.

4. Fuel cell and the fuel cell container must be secured with 1"x1" x .065 steel tubing. Not less than two (2) lengthwise, and two (2) crosswise, and two (2) across the top, evenly spaced at the top and must bolt to container support frame. The support frame must have two (2) tubes that are welded to and extend between the left and right frame rails. Three (3) tubes must be evenly spaced across the recessed well (front to rear). These tubes must be welded to the cross support tubes and extend down the front side, rear side, and under the fuel cell container. If the fuel cell container has a bolt-on top, it must be bolted together with a minimum of 1/4" diameter bolts spaced a maximum of 4" apart. If the fuel cell container has a bolt in end panel, it must be fastened together with a minimum 10/32" diameter screws with nuts spaced a maximum of 4" apart. No sheet metal screws or pop rivets are to be used to secure to top or end panel of a fuel cell.

5. A protective bar, minimum 1 3/4" x .090 must extend below the rear frame section behind the fuel cell. This protective bar must be as wide at the rear frame rails and extend as low as the bottom of the cell with two (2) vertical uprights evenly spaced between the frame rails and attached to the rear cross member. Two (2) support bars; one (1) located on each corner must angle upwards and be welded to the rear frame rails.

6. A reinforcement plate, of not less than 14 gauge (0.078) inch thick magnetic flat steel, must be installed behind the fuel cell container. The plate must extend the entire width and height of the fuel cell container. The plate must be welded in the spaces between the rear cross member and/or the cross bracing at the rear of the rear sub frame. It must be welded with a 1" weld, spaced a maximum of 4" apart.

7. All fuel lines that run through the Drivers compartment must be encased in metal pipe or conduit and wrapped with red tape and labeled fuel line for the safety crew. Fuel lines under the car must be safely secured away from exhaust and moving parts in metal casing.

8. No exotic and/or fuel additives allowed. Fuel will comply with ASTM D4814, Standard Specification for Automotive Spark Ignition Fuel. No electric fuel pumps, no fuel cooling devices, no NOS, no Oxygen bearing agents, no Nitro, no HRB-11.

(B) SEATS:

Only approved, custom manufactured, aluminum seats are permitted, Minimum .090 thickness required. It is recommended that all seats have padded rib protectors and seat leg extensions on both sides. A padded headrest is mandatory. Seat must be mounted to the roll cage, not the floor pan. A minimum of four (4) Grade 8, 1/2" bolts, and flat washers must be used.

(C) BELTS:

A quick release lap belt no less than 3" wide is required. Both ends of the lap belt and both ends of the shoulder harness must be fastened to the roll bar with Grade 8 bolts not less than 1/2" in diameter. The shoulder harness and lap belts must be bolted so that the ends of the belts move freely. Shoulder harness must be no less than 3" wide and must come from behind driver's seat max 3" below the drivers shoulders or less than 10 degree's. Where the harness crosses the roll cage, it must pass through a steel guide welded to the cage that will prevent the harness from sliding side to side. Shoulder harness inertia reels cannot be used. A center (crotch) or submarine belt must be mounted to the lower seat frame at the bottom. Where the belt passes through the seat edges, it must have a grommet installed, be rolled and/or padded to prevent cutting. All seat belts and shoulder harnesses must connect at the lap belt with an approved quick release buckle. Seat belts must be dated by the manufacturer and must not be used beyond the SFI valid until date by more than 2 years. If a HANS device is being used, then the HANS style seat belts may be used.

(D) HELMETS:

It will be mandatory for **ALL** Drivers to wear a helmet carrying a valid, orange SA2015 or newer, standard Snell sticker, or a sfi 31.1 rating at all times while on the racing surface. **NO** motorcycle helmets and **NO** "M" Snell sticker helmets. Helmets must accompany the car at time of all inspections. **It is strongly recommended that all Drivers record blood type and RH factor, plus any major medical allergies to adhesive tape label to outside back of helmet.**

(E) CLOTHING:

Drivers must wear an approved Nomex or Proban driving suit at all times when the car is on the track. Driving suits must effectively cover entire body and meet a minimum sfi 3.2A/1 rating. It is strongly recommended that the Drivers wear Nomex underwear, headgear, socks, gloves and shoes made of fire resistant material.

(F) WINDOW NET:

A nylon window screen is mandatory; the window screen must be a rib type, made from 3/4" wide nylon material with a maximum of 1-3/4" square opening between the ribs. The minimum window screen size shall be 22" wide by 16" high. It must release from top with seat belt type latches, and it must be fastened to the roll cage top bar and highest Drivers door bar on the cage. All window net mounts must be welded to the roll cage. must be with 2 years of valid until date.

(G) FIRE EXTINGUISHER:

It is mandatory to have a Dry charged 2-1/2 lb. minimum, with quick release fire extinguisher. This fire extinguisher must be securely mounted to the frame and/or roll cage structure and must not use hose clamps, worm drive clamps, duct tape, or cable ties. It may NOT be taped to the roll cage. Must be fully charged. The gauge must be easily visible for the Technical Official to read. Recommended on-board fire extinguisher system.

It is mandatory that all entrants have in their pits, at all times, a fully charged 10 lb. Class B fire extinguisher, showing current inspection certificate and a visible operating pressure gauge.

6. GENERAL RULES:

(A) An ON/OFF ignition switch will be installed within reach of the driver when belted in the car. The on/off switch will be clearly marked. A MASTER on/off switch must be located on the roll bar directly behind the driver and accessible from the outside and must kill power to the entire car.

(B) Car must have securely fastened working muffler with exhaust exiting behind the driver. Maximum sound level is 95 decibels at 100 Feet. Will be strictly enforced.

(C) Ballast weight may be used. Must be painted white with the car number on it. Minimum ballast 5 lbs. Ballast must be securely fastened with 3/8 or larger bolts.

(D) Battery may be relocated to inside of the car, but not in the trunk area. Battery must be isolated from fuel lines, must be enclosed in a protective container, and must be securely fastened to the floorboard. One battery permitted per car.

(E) Electric fuel pumps allowed, must use oil pressure shut off switch.

(F) Baby Grand cars must be registered by South Sound Speedway and will be assigned a number. Call Stormy Townsend 360-701-2489 for number. Last years numbers will be reserved until the January registration meeting, at which time the numbers will be given out on a first come, first serve basis. Numbers are to be displayed on the car as follows: A minimum 24" high by 3" wide number is required on both door areas. A Minimum 30" high by 3" wide number is required on the roof of the car readable from the right side of the car. All cars must have a 5" number on the top right hand corner of the windshield and/or right head light cover. All numbers must be legible with paint schemes approved by South Sound Speedway. Sponsors names and lettering

must not interfere with the car numbers. **No Metallic or reflective numbers are allowed. They must be able to be seen at night across the track.** South Sound Speedway retains the right to approve commercial or editorial messages on competing cars. Suggestive or rude remarks are not permitted on cars.

(G) Rainout Policy: **NO CASH REFUNDS WILL BE GIVEN.** If ANY car takes the track for practice, there will be only a half rain check given. Full rain check only if cars have not taken the track.

(H) ALL RULES ARE SUBJECT TO INTERPRETATION OF THE TRACK OFFICIALS, ANY EQUIPMENT THAT THE OFFICIALS CONSIDER EXOTIC OR NOT IN THE INTENT OF THE RULES WILL BE CONSIDERED ILLEGAL FOR COMPETITION. IN THE INTEREST OF FAIRNESS, THE RULES MAY BE ADJUSTED TO CREATE A BALANCE IN COMPETITION OR FOR SAFETY REASONS.

7. NOTES AND AMENDMENTS:

A driver with 2 wins in a row will add 50lbs up to a maximum 100lbs and carry the weight the rest of the season.