

Black Hills Speedway Kart Track 2022 Safety Tech Inspection Checklist



Driver's Name: _____ Kart Number: _____ Class: _____

Chassis Items: The following items shall be secured with a drilled bolt and safety wired, drilled bolt and cotter pin, or secured by a circlip or snap ring if the bolt has a circlip groove.

Steering:

- 3 steering wheel hub bolts
- Bolt, steering hub to steering shaft
- Bolt, steering shaft to frame
- Tie rod bolts (at steering shaft and spindle arm)
- Kingpin bolts
- Spindle nuts attaching hubs
- Bolt, throttle pedal to frame
- Steering in good overall condition
- Steering free of tight spots (lock to lock)

Brake System:

- Bolts, calipers to frame or steering spindle
- Bolts, master cylinder to frame
- Brake actuating rod, jam nuts both ends
- Bolt, brake pedal to frame
- Bolts, rear brake rotor to hub (nuts must be all metal lock nuts)
- Brakes lock when engaged
- No visible leaks

Other Components:

- Wheels & Tires:** Appropriate wheel mount nuts and race safe
- Fuel System:** No leaks; fittings wired/clamped/zip tied; fuel tank secured & free of leaks with cap
- Throttle Linkage Rod:** Safety wired to the throttle shaft
- Kill Switch:** Present, operational, and easily accessible (Rookie, Junior 1, Junior 2, and Junior 3)
- Clutch/Chain Guard:** Present & secured
- Seat:** Secured at 4 points and race safe; large washers between strut and seat sides
- Pedals:** In good condition; throttle return spring present
- Catch Can:** Present, free of leaks, secured
- Hubs to Axle:** Secure/ snap ring installed and wire tied
- Exhaust:** Header bolts safety wired/double nut; muffler to header safety wired and must be wrapped
- Ballast:** Minimum 5/16 grade 8 bolt; over 7 lbs. must be 3/8 grade 8 bolt. All bolts double nut/safety wired/cotter pinned. Large fender washers on both sides if mounted to the seat. Must be painted white and have the number of the kart.
- Rear Bumper:** Appropriate for Class; safety wired (Rookie-full bumper; all other classes-left rear wheel covered)
- Numbers:** Present on all 4 sides, minimum of 6" height, and easily readable
- Camera Mount:** If present must be mounted with bolt/nut with camera safety wired to mount
- Restrictor Plate:** Appropriate for Class (Rookie-Red, Junior 1-Green, Junior 2-Purple)
- Bodywork Components & Mounting:** Secure and race safe; Rookie, Junior 1, and Junior 2 maximum nose height 14" and no driver fairing allowed; all others maximum of 17" nose height

Driver Safety/Protection:

- Helmet:** CMR 2026, 24.1/2015, 31.1/2015, 41.1/2015; must have full face shield integral with the helmet; nothing can be added/modified from factory original (includes camera mounts)
- Neck Brace:** Manufactured for racing, required for all "on track" activities
- Chest Protector:** Mandatory for Rookie, Junior 1, Junior 2, and Junior 3 Divisions
- Driving Suit/Jacket:** Constructed of heavy weight abrasion resistant nylon, leather, or vinyl
- Pants:** Full length without holes/thin spots, denim, or heavy grade cotton fiber. No polyester or sweatpants are allowed
- Driving Shoes:** High-top shoes or boots that give ankle protection
- Driving Gloves:** Abrasion resistant gloves possessing grip enhancement
- Long Hair:** Must be contained within the helmet or driving suit/jacket
- Receiver:** in working condition, channel 454.000

Pass Fail (Please Correct and Return to Safety)

Driver Signature: _____ Date: _____

Safety Coordinator: _____ Date: _____