2024 USPKS Rule Book Updates

102.3 Chest Protectors:

Added:

Alpinestars AK-1 Youth Kart Body Protector with chest protector

102.6 Pre-Practice/Race Inspection:

The Compliance sheet is located at the end of this Rulebook, under Exhibit A. The competitor is responsible for ensuring that all listed items are compliant each and every time they enter the track.

102.6.1 Compliance Sheet Penalty:

If a postrace inspection is performed on a competitor's kart and infractions are noted the following penalties will be handed out.

1 issue = warning

2 – 3 issues = 1 position penalty

4 – 5 issues = 2 position penalty

6 or more issues = 3 position penalty

201.18 Nose Cone:

The nose cone shall be mounted with (2) two OEM butterfly clamps that cannot be altered in anyway. If nose cone comes off while on track before receiving checkered flag, competitor will receive the black flag. Nose cones must be used as manufactured and cannot be altered in any way. Bottom of nose shall be a minimum one-half inch (½") off the ground and top of nose shall not be above the top of the front tires. Minimum nose width is 39 3/8"; maximum width cannot be wider than the front tires. Maximum overhang from center of front axle to tip of the nose cone is 26 3/4". Measurements will be performed with wheels straight ahead and without driver in kart.*

Cadet nose shall be used on Cadet Karts.

201.25 Chassis/Kart Change:

Changing an un-repairable chassis to a comparable chassis of the same manufacturer is allowed after tech approval with no penalty to the competitor. If competitor wants to change chassis due to performance they will start in the rear of the next race. Following approval of the requested chassis change, the kart must be presented to a USPKS Tech Official for a new chassis band.

202.4.1 Alcohol/Water Test:

1) Add 30ml of distilled water in 50ml cylinder
2) Add 30ml of menthol alcohol in 50ml cylinder
3) Add 30ml of fuel in 250ml cylinder
4) Slowly add the 30ml of menthol alcohol and the 30 ml of distilled water in the 250ml cylinder with the fuel.
5) Slowly turn the 250ml cylinder 180 degrees
6) Within 10 minutes a distinct line must form at 60ml, 5ml loss is acceptable.

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302.14 Penalties:

Penalty	Possible Repercussions	Description
Avoidable Contact	3 or 5 positions; placement behind the offended competitor	Using the front bumper to move a competitor off-line and complete a pass; not leaving sufficient space for a driver who is or is almost fully alongside on the exit of a corner
Blocking	3 or 5 positions	Making more than one move away from the line chosen at corner exit to defend from a kart behind
Swerving	10 positions or unsportsmanlike DQ	Moving towards a competitor down the straight who is at all alongside, if contact is made this will result in a DQ
Track Cutting	~~5 positions minimum~~ Severity Based	Going 4 wheels off to shorten the track (The inside edge of the curb is defined as the edge of the track; definitions are on the following page)
Tram Line Violation	3 seconds	Exiting the tram lines prior to the start lights going out or green flag being displayed
Jump Start (Singlespeed)	Severity Based	Off-pole being ahead of the pole sitter when the start lights go out (or the green flag is displayed) and gaining an advantage over the pole sitter from doing so ~~accelerating prior to the pole sitter to the degree they gain a significant advantage~~
Unsportsmanlike Conduct	DQ	~~Making obscene gestures~~, Instigating an altercation ~~in the scale line~~, ~~and~~ or other actions which could be determined to be unsportsmanlike in nature at the discretion of the race directing team
Passing After Checkered	Severity Based	Overtaking a kart following the checkered flag that is still driving at a reasonable pace
Forcing air into the air box	5 positions per instance	Placing a hand behind (not on top of / over) the inlet tubes in an attempt to force air into them
Repeated Warnings	3 positions	Receiving 2 warnings w/ kart number on the display board in one session. Warnings are denoted by a half black, half white flag split diagonally.

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302.14.3 Curbing Definitions:

Curbing is defined as the raised concrete section with striped or solid paint which sits immediately adjacent to the racing surface on the inside of a corner. *Some tracks may have concrete on the inside of a corner that continues past the curb; this is not included in the definition of a curb.*

Each track's curbing can be identified by the following:

Trackhouse Motorplex: Red and white striped raised concrete to the inside of a corner, corner cutting penalties do not apply in Turn 2.

Mill-Rite Raceway: Red and white striped concrete to the inside of the corner.

MCC of Cincinnati Kartplex: Red and white striped raised concrete to the inside of a corner.

New Castle Motorsports Park: Yellow raised concrete to the inside of a corner.

302.35 Data Acquisition:

Data acquisition systems can be used to retrieve any of the following: RPM, lap times, head temperature, exhaust temperature, water temperature, speed, pedal location, brake/master cylinder pressure, GPS tracking or computer scoring. ***Any telemetry, other sensors (Lambda) or inputs shall be removed or disconnected while kart is on track during the final round of practice that sets the grid for qualifying or any race condition.*** Data downloading can only be done in the pit area. Only one beacon for each type of system is allowed on the track and will be placed at the USPKS approved location. GPS systems are legal

303.3 Championship Points:

All classes run for a single points championship. Championship points are based on qualifying, finishing order in heat races and the final.

303.3.1 USPKS Points:

1) USPKS will count all five (5) races for end of year Championship. ~~Disqualification can be used as a drop unless the DQ is for unsportsmanlike conduct, or the use of remanufactured or counterfeit parts. If a competitor is deemed in violation of the spirit and intent rule, he or she may be disqualified netting zero points event.~~
2) Competitor must attend 4 of 5 scheduled race events in order to qualify for Championship Awards.
3) Top place finishers must attend the Championship Awards Ceremony to accept their earned trophy and awards.

303.3.2.3 B Main Points:

Finish Position	Points	Plus Entries	Total
1st	Transfer to final		0
2nd	Transfer to final		0
3rd	Transfer to final		0
4th	24	38	62
5th	23	38	61
6th	22	38	60
7th	21	38	59
8th	20	38	58
9th	19	38	57
10th	18	38	56
11th	17	38	55
12th	16	38	54
13th +	15	38	53

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401.7 IAME KA100 Masters:

Age: 30+ years old or 15+ if driver over 200lbs.
Minimum Weight: 380 lbs.
Engine: IAME KA100
Carburetor: HW-33A
Exhaust: IAME OEM KA100 Header & Pipe
Tires: Slicks MG "SH2" Red CIKF/Z Option
4.60 Fronts & 7.10 Rears
Rains MG "SW2" 4.20 Fronts & 6.00 Rears
~~* Total of eight (8) new/sticker tires, four (4) fronts and four (4) rears can be used for any qualifying or race condition for the remainder of the event~~.
* Qualify on new/sticker tires, use same tires for any race condition for the remainder of the event.
*** See Section 506 and USPKS Website for additional Engine Rules.**

501.1.1 Ambient Temperature Testing:

Any part that is not an acceptable measurement will be allowed to cool down to ambient temperature and retested.

501.7 Engine Components:

Engine components may not be changed for that day after qualifying, (i.e., carburetor or sealed exhaust) unless approved by a USPKS Tech Official. If any components are changed the competitor will be required to do so under the direction of a Tech Official. Rebuilding carburetor, replacing broken reeds or a cracked (not broken) exhaust is allowed with no penalty. Checking or replacing reeds can be done in your pit area as long as the engine seal is not cut, if seal needs to be cut it must be done under the direction of a Tech Official. Replacing carburetor will be allowed after it passes tech and approval of USPKS tech.

506.20 Starter & Battery:

Competitor is allowed to remove the starter and battery if they choose. The starter ring gear must remain in place.