



In case of dispute only the French version is valid.

C1 to C4 category – Soap box racer

1. Definitions

Automobile type of vehicle, without engine, twin axle four wheels (different number of wheels forbidden). The vehicle must be driven with an integral steering wheel (no bicycle hand bar). Suspension systems for the wheels are authorized.

2. Dimensions

Maximum length	2500 mm (without attachment points)
Maximum width	1200 mm
Minimum wheel base	900 mm
Minimum wheel-track	500 mm (between inflated tyres, measured on ground level)
Recommended ground clearance	35 mm

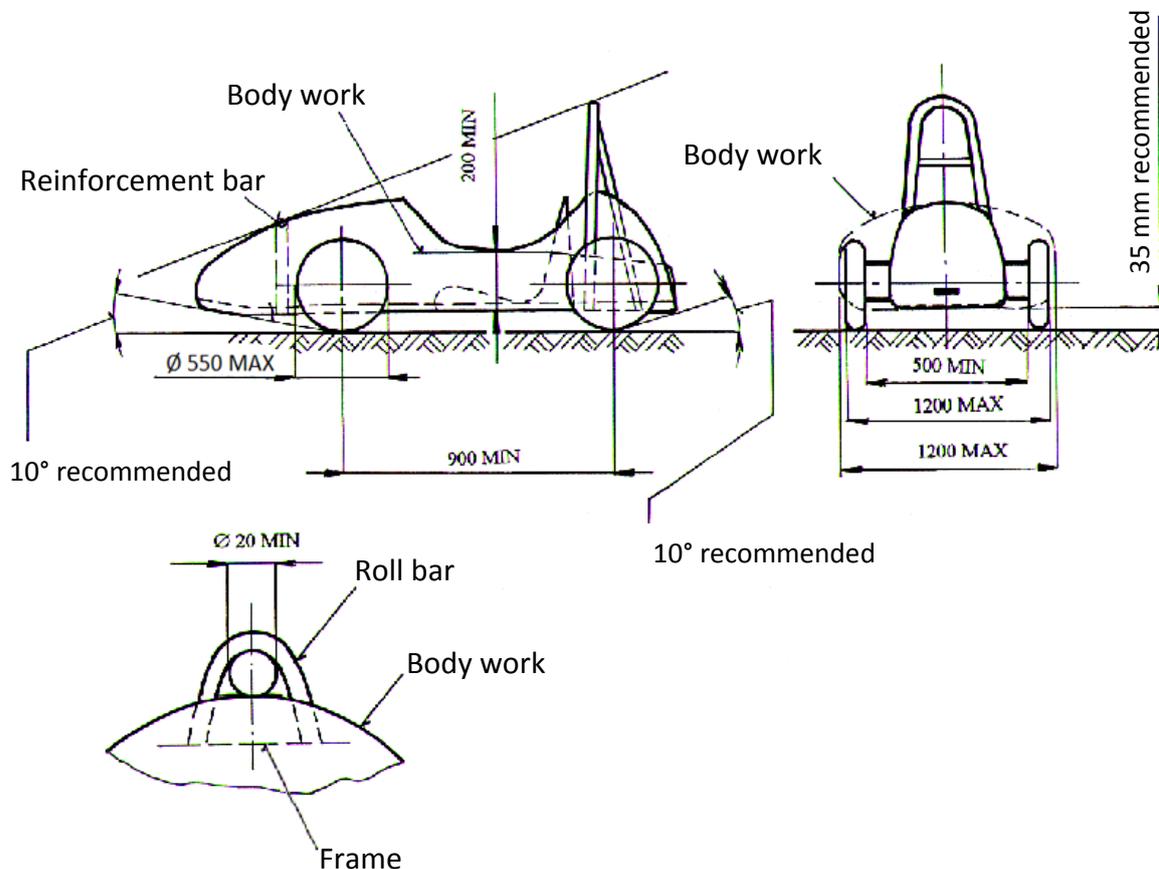


Figure 1



3. Weight

The maximum weights, pilot with his complete outfit included. The values for the max weight are mentioned in the General Regulations.

Rule in case of overweight:

C1-C3: If the total weight exceeds the weight limit of the category in question, the competitor will be classified in next the higher category.

C4: The FISD reserves the right to concede an exemption of maximum 10% of the weight of the pilot's category, as far as his vehicle does not exceed 100 kg. In that case, ballasts are not permitted. To avoid problems when weighing no survey at baseline (at the European Championships) will be marked with a sticker on the bib marked " $\leq 100\%$ ok FISD"

If the weight exceeds the 10% rule, the pilot will be ranked out of category.

4. Wheels

The choice of wheels is free with a maximum diameter (tires inflated) of 550 mm. It is forbidden to bring any modification to the tyre profiles, except the normal wear.

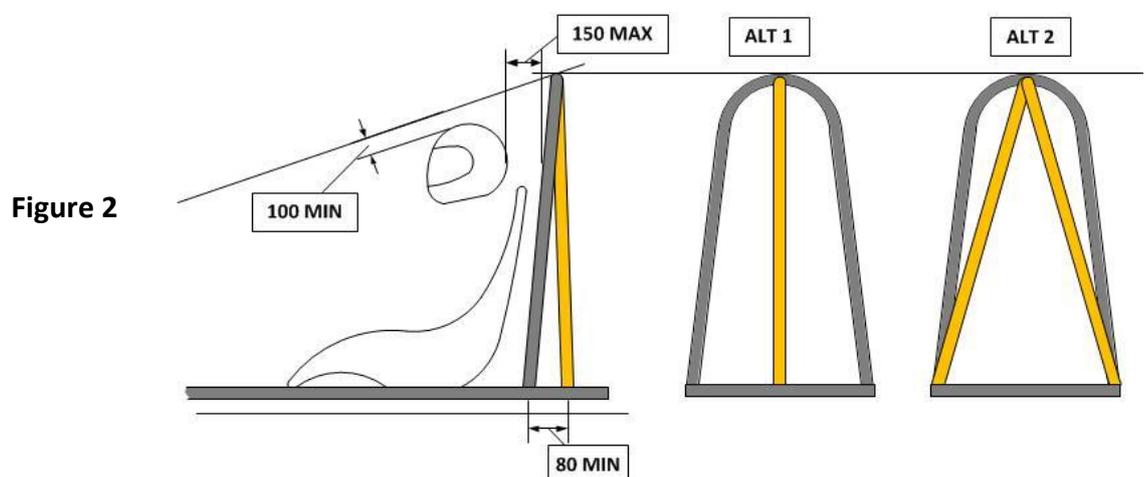
5. Brakes

Efficient brakes on all four wheels are mandatory. They must be actuated by the pilot's foot. No brakes by friction on the ground.

6. ROPS Roll Over Protection System

The ROPS is compulsory for classes C1 to C4. It must be securely fixed to the frame on each side and maintained by a support attached to the rear of the chassis - see Figure 2 and 3.

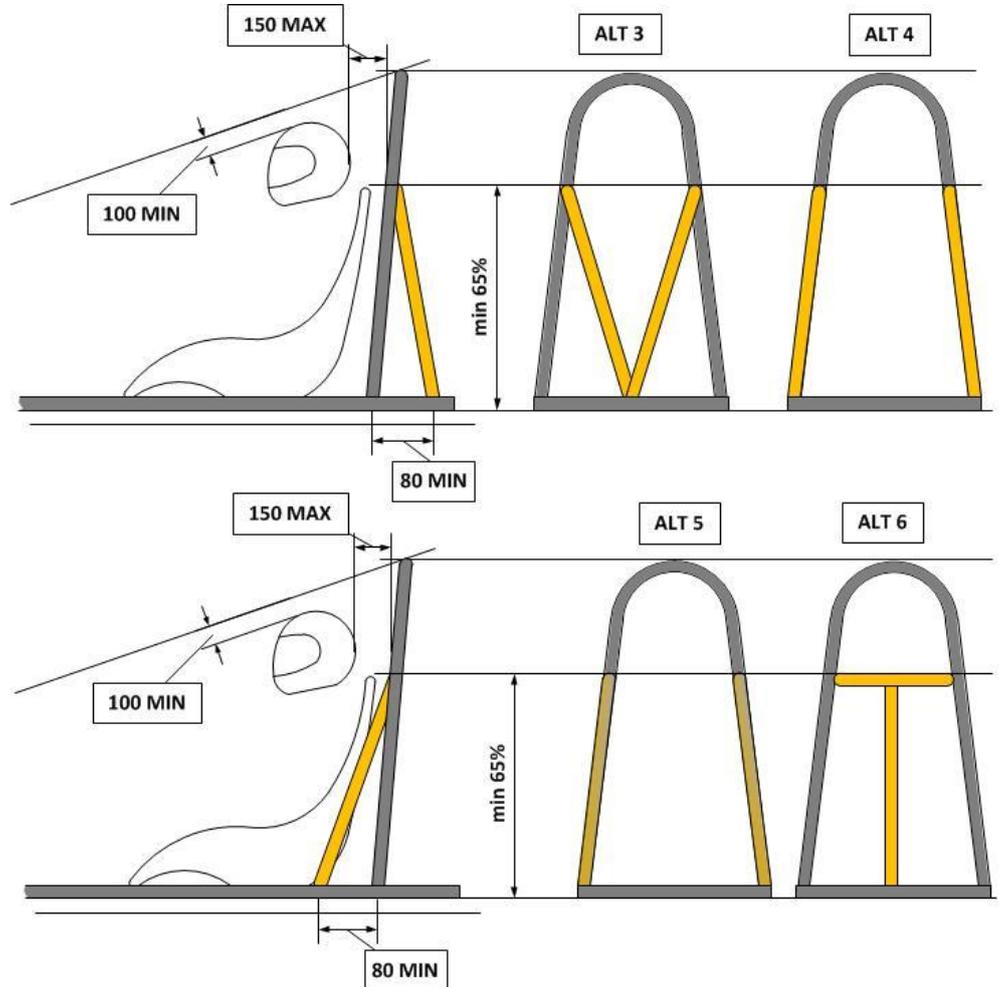
The tube used must be of minimum diameter 25 mm, minimum thickness 2mm. The geometrical line from the top of the roll bar to the highest point of the front part of the body must pass at least 100 mm above the driver's helmet in position ready to go - see Figure 2 and 3.



(150mm is a horizontal distance; the arch must prevent the passage of the helmet -> headrest)



Figure 3



7. Back protection

To ensure a better protection of the back of the driver in case of impact from the rear (180° turn), it is expected at least a strong separation between the driver and the rear of the vehicle representing an efficient back support. The following illustrations illustrate the appropriate variants as well as the cases to be avoided:

Figure 4

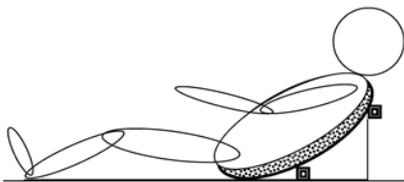


Figure 5

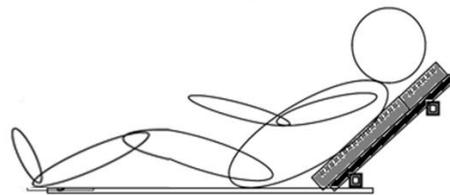


Figure 4 : Recommended solution. A seat according to the shape of the back, solid materials such as fiber, steel or aluminum sheets.

Figure 5 : Tolerable solution: A rigid back (if made of wood min 15 mm) with solid foam coating



Figure 6

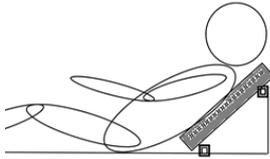


Figure 7

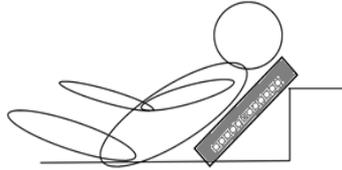
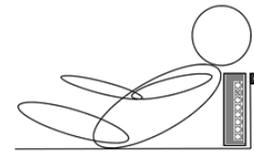


Figure 8



Prohibited solutions:

Figure 6 : Block of foam placed on two transoms

Figure 7 : Foam block placed tilted in the vehicle structure

Figure 8 : Block of foam placed vertically resting on a transom

8. Specific equipment

Kart type neck brace obligatory for C1 to C3 categories, recommended for C4 category.

9. Race numbers

According to the "FISD Technical Regulation", chapter II – item I. Race Numbers will be supplied by the organizer who will also define their positioning.

10. Penalties

Failure to comply with the present regulation will lead to the exclusion of the competition without any exemption in case of a FISD race.



11. Modifications history

CECCAS is replaced by FISD on November 12, 2010

Modification approved at the General Assembly (GA) in Predappio on 11.05.2011:

- Item 1 : Simplification of the suspensions definition

Modifications approved at the GA in Wittinsburg le 11.11.2012:

- Item 3 : Rule in case of excess weight for C1 à C3
- Item 4 : No more modifications to the tires

Modifications approved at the GA in Oberwiesenthal on 25.10.2014:

- Item 3 : Identification of vehicles entering the rules of excess weight

Modifications approved at the GA in Stoumont on 7.11.2015:

- Item 2 : New length for the vehicles in class C3-C4
- Item 3 : New definition of the rules in case of excess weight
- Item 4 : Extension of wheel diameter
- Item 6 : Move ROPS description from the general regulation due to the fact that class C6 has now also ROPS
- Item 7 : New Item for the back protection
- Item 8-11 : New item numbers due to the insertion of the items 6 and 7

Modifications approved at the GA in Viu on 13.11.2016:

- Item 2 : New length of 2500mm also for the vehicles in class C1 and C2
- Item 7 : Insert of illustrations for the back protection