



## **CLARIFICATION TO THE 2009 KART RACE YEARBOOK**

The following replaces regulations K-154 to K-165 of the 2009 Competitors' and Officials' Yearbook and A-1.3.5 and A-1.3.6 of the 2009 Kart Race Yearbook except where specified otherwise.

All Cadet karts must be fitted with bumpers and bodywork providing front, rear and side protection, as detailed below and in Drawing Number 6 of the 2009 Competitors' and Officials' Yearbook. CIK Crash-Tested and Homologated bodywork will be mandatory for the Cadet Class for newly homologated chassis from 1.1.2010.

### **A. 1.3.5.1: Front Bumper**

Must comply with the first three bullet points of K-157 and the following:

- Have the four attachment points welded to the chassis-frame.
- Have the lower and upper tubes joined by a minimum of one aluminium or steel connecting upright. This requirement does not include over centre clips.
- The lower bar must be constructed from magnetic steel tubing with minimum outside diameter of 18mm and a minimum wall thickness of 1.4mm and comprise a D-shape extension to the chassis-frame. It must be a minimum width of 250mm, and be 80mm  $\pm$  30mm above the ground with the kart in dry configuration.
- The upper bar must be constructed from magnetic steel tubing with minimum outside diameter of 15mm and a minimum wall thickness of 1.4mm. It must be a minimum width of 300mm, and be 200mm  $\pm$  50mm above the ground with the kart in dry configuration.

### **A.1.3.5.2: Rear Bumper**

Must comply with all of K-162 with the exception of the second and third bullet points, and the following:

- Consist of two horizontal tubes. The upper having outer extension forming a closed loop, with two link tubes to the chassis anchorage points (as per Drawing 5, Diagram 2) at least 450mm apart at any point. The radius of the outer extensions is free but it should not be less than 2½ times the tube outside diameter.
- Have the upper tube and uppermost extension element 225mm  $\pm$  25mm above the ground in dry configuration.
- Have the lower tube connected between the two uprights and 75mm  $\pm$  25mm above the ground in dry configuration.
- Have the lower tube secured at all times if bolted.

### **A.1.3.5.3: Side Bumpers**

The side bumpers must (please note K-163 does not apply):

- Comprise a minimum of a single tube constructed from magnetic steel tubing with minimum outside diameter of 18mm and a minimum wall thickness of 1.4mm (minimum diameter of 20mm recommended).
- Be securely attached to chassis by a minimum of two points on each side of the chassis.
- Allow for the attachment of the mandatory side pods.
- Where parallel side bumper mounting points are used, have these points a minimum of 400mm apart.

#### **A.1.3.5.4: Side Pods**

Must comply with all of K-165 and the following:

- Include on the outer side a vertical surface with a minimum height of 70mm and a minimum length of 250mm located immediately above the ground clearance.
- Not include holes or cuttings except those necessary for their attachment and those in the inside and top plastic face for fitments (maximum M8 diameter). A hole may also be drilled for starter access, even if not in use.
- Not cover any part of the driver seated in their normal driving position.
- Not be designed to hold back water, gravel or any other substance.

#### **A.1.3.6.1: Front Fairing**

Must comply with the first three bullet points of K-158 and the following:

- Have a width of 850mm  $\pm$  150mm.
- Have a front overhang of 500mm maximum.
- Comprise on its front face a centrally located vertical surface minimum 250mm x 70mm, or be an approved design.

#### **A.1.3.6.2: Front (Nassau) Panel**

Must comply with all of K-159 with the exception of the third bullet point, and the following:

- Have a maximum width of 300mm.
- Not protrude beyond the front bumper.