



FORMULA KITE

Proposed Class Rule Changes

The “Formula Kite” appendix effectively addresses the demand to control price and availability of Olympic equipment without going “One Design” by further tightening the “box rule” concept

The “Formula Kite” appendix applies to equipment used for ISAF graded kiteboarding events, any other kiteboarding events are governed by the standard IKA class rules.

- Current Class rule limitations for equipment
 - i. General
Boards and Kites and must be production manufactured and registered, and available worldwide
 - ii. Boards
 - maximum width: 700mm
 - minimum width: 150mm
 - maximum length: 1900mm
 - minimum weight: 4000gr
 - iii. Kite/Rigging
maximum distance from chicken loop to top of kite: 45000mm
 - iv. Fins
maximum length: 500mm
- Additional Class Rule limitations in appendix “Formula Kite” for ISAF graded events and the Olympic Sailing Competition
 - i. Boards
minimum width: 5500gr
Increased board weight to avoid the usage of exotic and expensive materials and to provide longer product life time. The current minimum weight limitation of 4000 gr remains from a time when kiterace boards have been much smaller. Current boards all weight between 5300 and 6200 gram and are made out of carbon sandwich – the latest available technology. The weight increase preserves the current status quo of board building technology.
 - ii. Kite Material
 - The outside shell of the front tube (if any), the canopy, and the outside shell of the struts (if any) shall be made out of woven ply
 - Reinforcements, battens, tapes, bladders (if any) may be made out of other material.
 - Bladders shall be made out of TPU, PU or PVC materials.
Kites are currently made out of woven ply. The proposed change preserves the status quo of kite building technology

and avoids investment in expensive materials and technologies.

iii. Rigging – Lines

Flying lines shall be made of dynema/spectra. Carbon/kevlar/poly-aramid/metal must not be used in flying lines.

The minimum diameter for flying lines is

1. Front lines: 1.2mm
2. Back lines: 0.9mm

The material of the rigging is limited to the currently used materials.

Rigging – Bridles

Bridles (if any) may be made of carbon/kevlar/poly-aramid, or dynema/spectra. *The material of the rigging is limited to the currently used materials.*

iv. Fins

Limitations to Fins in accordance to the limitations applying to boards and kites will be introduced from 01.01.2014

Fins are currently not limited. To allow brands to adopt to the requirements of the "Formula Kite" appendix the necessary restrictions – similar to the restrictions applying to boards and kites – will be introduced for the 2014 season.

v. Number of boards

Every sailor shall register one board, defined by brand, model and nominal size, for the whole Sailing World Cup Season at the first event of the season the sailor takes part in. Changes to the registered board must be approved by the class 2 months ahead of the regatta the board shall be used in.

vi. Number of kites

Every sailor shall register three kites, defined by brand, model and nominal size, for the whole Sailing World Cup Season at the first event of the season the sailor takes part in. Changes to the registered kites quiver must be approved 2 months ahead of the regatta the kites shall be used in.

One board and three kites per sailor are to be registered per Sailing World Cup Season to cover the full wind range as outlined in the ISAF race management policies. This ensures high performance over the full wind range and allows sailors to choose a kite range according to their body weight.

vii. Identification

For The Olympic Sailing Regatta, Sailing World Championship, Class World Championship and Sailing World Cups, Kites shall display the national flag of the sailor.

