



New ALL BLACK during the test at Langkawi, Malaysia

Tuning guide Optimist: ALL BLACK

After a long cycle of tests we're proud to launch our *New* Optimist sail: the **ALL BLACK**

Following the innovative path started with the Blackbull our designers tuned up a sail technically perfect for sailors over 45 kg (99 pounds), that is also suitable for lighter sailors when the wind conditions are not too heavy.

In comparison with the Blackbull, the new ALL BLACK maintains similar volumes and profiles, whilst its **sharper luff angles**, the **new optimised geometry** for maximum exposure on downwind headings, the **radial clew** and the **new sailcloth** makes it a very fast and still easy sail in all conditions and bearings.

The new **ALL BLACK** have been received with great enthusiasm wherever it's been tested. The most important **Speed Tests** was carried out during the Langkawi International Clinic held last December in **Malaysia** in the same location where the 2010 World Championship will take place. Some of the best international sailors took part to it, including 3 of the top-10 at the last worlds. Click [here](#) for further information.

Several of the best international coaches, that had the chance to test this new sail already, are continuing to send us very positive feedback.

In order to maximize the ALL BLACK performances please follow these quick hints, bearing in mind this sail shape have excellent pointing ability "built-in" already, due to its flat entry profile. Therefore avoid to "push" excessively the pointing angle, but give always preference to maximum speed.

Mast

It is important to use a stiff and recent rig, due to the progressive lost of the metal's mechanical characteristics

Rake

Light Wind: 282 cm // Medium Wind: 285-287 cm // Strong Wind: max 285 cm

Strops

- on Mast: there's very little luff curve in this sail, so you must pay lot of attention to the folds raising from the eyelets and adjust the strops promptly. The two central ones should be always more loosen than the other ones. Normally the distance of the sail edge from the mast should be about 5 mm in the central part
- on Boom: evenly trimmed at about 5 mm to allow the sail passing easily from side to side when tacking.

Foot

It should be trimmed a bit more tight than normally. This helps to open the Leech especially in Light wind conditions. Do not be afraid to tighten the foot too much, because this sail remains powerful anyhow and the better opened Leech makes it faster.

Boom Preventer

- With Light Wind it takes some more turns to avoid having tension along the mast.
- With Medium Wind take out 1-2 turns to move the depth of sail more forward and to help acceleration.
- With Strong Wind take out all turns so the boom could be set as lower down as possible; this together with a tight foot will help you to get a nicely flat and straight exit, which is vital to avoid having too much pressure on the rudder ("brake effect").

Fair winds!

Olimpic Sails Team