



warp F2010



DESIGN OBJECTIVES WARP F2010

1.Improve acceleration after start and jibing without sacrificing stability or speed.

This is essential when you are coming jibe or drag racing to the next mark where you want to make use of the smallest gust to move past your opponent.

2.Try to further reduce the weight especially of the bigger sizes

This is essential to make the sail less physical to sail and easier to pump.



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DESIGN REALIZATION WARP F2010

1.Improve acceleration after start and jibing without sacrificing stability or speed

Kai has achieved that by adding more depth to the sail most noticeable in the boom area. In the upper part of the sail (batten #1 to batten #4) Kai has replace the cross seams with a full luff panel which enables him to control the added profile.

The result of these modifications is an extra dragster like acceleration.

Kai also reduced the aspect ratio (especially on the larger sizes) which results in a slightly wider and shorter sail. This longer chord also has a very positive effect on the acceleration.

2.Try to further reduce the weight especially of the bigger sizes

After the success from last year where Kai had reduced the number of battens from 8 to 7 on all sizes up to 8.0, he now went one step further. Now even the big sizes have 7 battens only.

This makes the sail more dynamic and noticeable lighter in the hands. Kai was able to maintain the stability through stiffer battens and improvements in shaping.

In addition Kai has replaced the top 3 batten tensioners with our superlight Mini.Rocket tensioner, one of the lightest tensioners on the market.

All these weight reductions in the top of the large sail have a very large impact as it effects the swing weight of the sail.

As a result especially the bigger sizes got remarkably lighter making them less physical to sail plus easier to pump.



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PHOTOS OF LATEST PROTO WITHOUT OPTICS

Here you can see the added profile





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PHOTO OF FIRST PROTO WITH OPTICS





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PRELIMINARY TECH DATA

	SPEED-SLALOM								FORMULA		
Size	5.2	5.7	6.3	7.0	8.0	8.5	9.0	9.5	10.0	11.0	12.0
Mast: Best Length	370	400	430	460	460	490	520	520	520	550	550