

Dennis Ische asked for some writing to go along with the kite plans he has apparently sent you for posting. So, if the format is suitable; from here on is some writing for you to cut and paste...

I usually use either .050 or .060 diameter carbon fiber rod on a kite this size.

I've had good success using ready made Indonesian bamboo spines and rely on them most of the time. If I am experimenting or looking for different or particular flight characteristics, I'll cut my own or use proven re-cycled pieces.

Battens are optional and when I use them, I typically use .030 carbon.

I usually use 3 or 4 point bridles and vary the attaching points. Spacing of the upper bridle yoke effects the apparent stiffness of the spar. Spacing of the other attachment points effects response and the flexibility of the spine. When determining the overall length of bridles I try to ensure they are not so long as to be a problem with tip and nose wraps.

I do a lot of experimenting with sail material. I find the softness of the lighter weight Orcon products works well in turbulent and bumpy condition. For smooth winds I use different weights of Cellophane and Mylar.

During the World Cup Championship finals I was flying a Clearphane kite with battens, a three point bridle, and stock Indonesian spine. During the qualification rounds I flew lots of different stuff...

On my workbench I have 2 mm, 3 mm Ueda double sided tape as well as 1/2 inch double sided Orcon tape. I glue my spars with contact cement and re-enforce trouble spots with various clear and Orcon tapes.

Chuck

