

Notes on Kitewing Frames:

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The old Kitewings came with aluminum frames which represent a cost effective and durable solution.

Carbon components are more expensive, less durable performance upgrades.

Folks seeking to sail on pavement or stunt pilots who want to jump with the wing should stick to aluminum frames with re enforced X tubes.

Carbon front tubes are a performance upgrade for folks who care about sailing in light air or seek to upgrade wing performance by saving weight with increased stiffness.

Stiff front tubes make the wing easier to sail. The wing deflects less under load when it has a stiffer frame. A stable wing is less likely to induce inputs to the sailor due to changing wing geometry or shape.

Light weight wings are able to fly their own weight at lower velocities. The lighter a wing is the easier it is to support in your hands.

Carbon fiber parts can abrade easily when subjected to pavement. Carbon fiber parts can fail without warning.

Aluminum will bend to take a set thereby warning of high loads. Formerly straight tubes which remain bent are a reminder.