

7.5 MIT IAP workshop

Designed by saul griffith

Kite skins generated by Surfplan (demo) - Mon Feb 10 20:49:18 2003

Flat kite wingspan is 6.062000 (metres)

Maximum chord is 1.517000 (metres)

Aspect ratio is 4.896590

Centre profile name "skoop"

Wingtip profile name "skoop"

Flat kite area = 7.504783 (metres squared)

Adjusted kite area (area/1.36) = 5.518223 (metres squared)

Active lift area = 4.698893 (metres squared)

Leading edge length = 6.142500 (metres)

Trailing edge length = 6.077568 (metres)

Angle of attack (centre) = 0 degrees

Angle of attack (tip) = 0 degrees

NOTE - no profile at wingtips

LEGEND

Here is a quick explanation of the plans layout

The top panels are the main skin of the kite

The middle panels are the leading edge tube sections

The main skin joins the LE tube at the seam on the LE tube

The lower panels are the inflatable ribs.

Note - the LE to TE seam is on the top of the rib.

The lower side of the drawing (bottom of page) is the
windward side (Leading Edge) of all panels.

Outer line (red) is seam allowance. Inner line (black) is sewing line.

Please check and respect any relevant patents.

WARNING: use of these plans for any commercial purpose
could represent an infringement in regards of the Legaigoux's
patents U.S.4,708,078, EP-B-O.202.271 and FR-2.762.583



