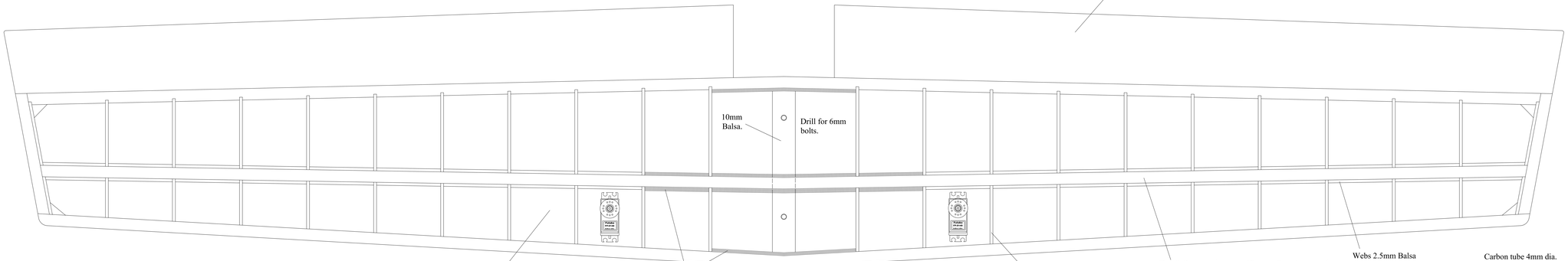
More details of Madslide can be found at
http://jroger.net/berliweb/madslide/page_madslide.htm

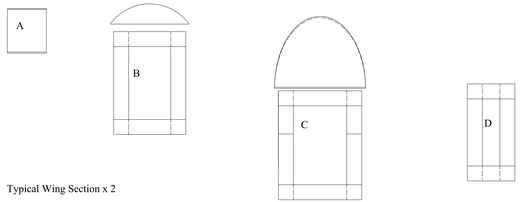
For true Airfoil accuracy use Profili V2 wing program.

This drawing is a more or less exact copy of Benoit Paysant - Le Roux's ***Madslide 3D Slope Soarer,*** but scaled up from 1.5m to 1.7m (scale factor of 1.1333)

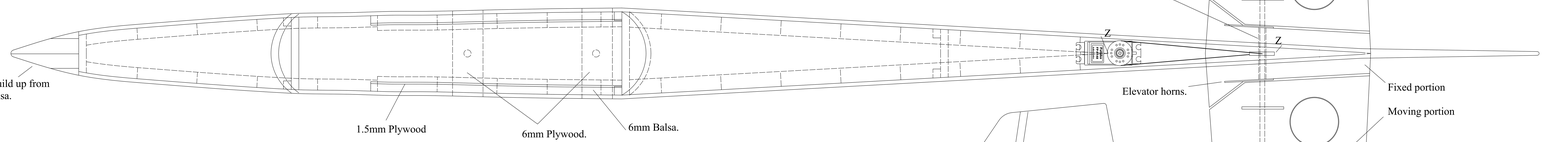
Drawn by Colin Usher October 2007 in AutoCad Rel 14. Issue 1

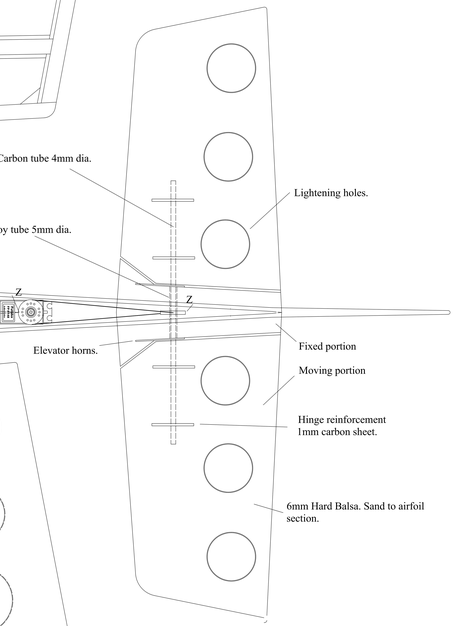


Airfoil Ritz 1-30-10 (Original used SB96V & SB96VS)



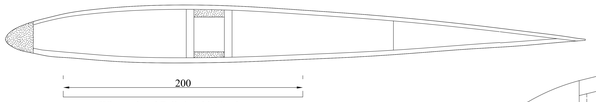
Typical Wing Section x 2



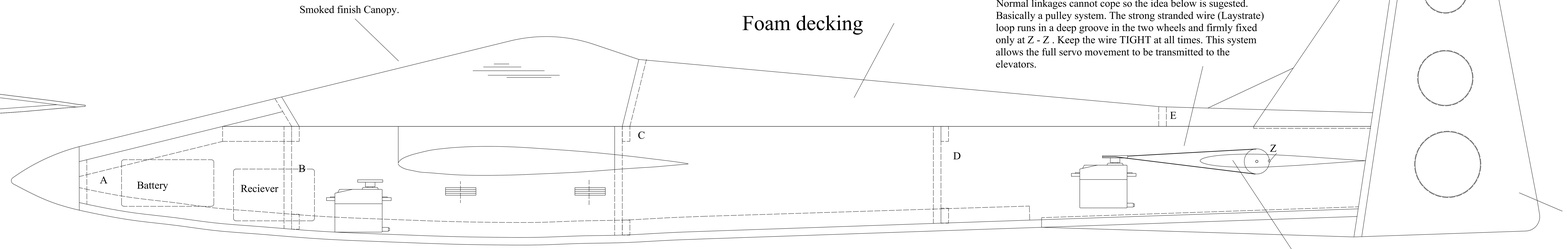


Elevators are designed with +/- 90 degs of movement. See Madslide web site photo's

The Elevator is required to move thro' 180° degs (± 90°) Normal linkages cannot cope so the idea below is sugested. Basically a pulley system. The strong stranded wire (Laystrate) loop runs in a deep groove in the two wheels and firmly fixed only at Z - Z . Keep the wire TIGHT at all times. This system allows the full servo movement to be transmitted to the elevators.



When printed Full size this line is 200mm long.



Rib section HD800

Madslide 1700