GeeBee Sportster Model D foam board model design
by **Alistair Potter** ©2015

NOTE: design is for 5mm foam board. For other foam boards adjust slots,tabs etc. when cutting. Layout is for A1 sheet size. All dimensions in mm.

If you use these plans, please consider donating a payment to the author.

Payments through PAYPAL to; alipotter@blueyonder.co.uk

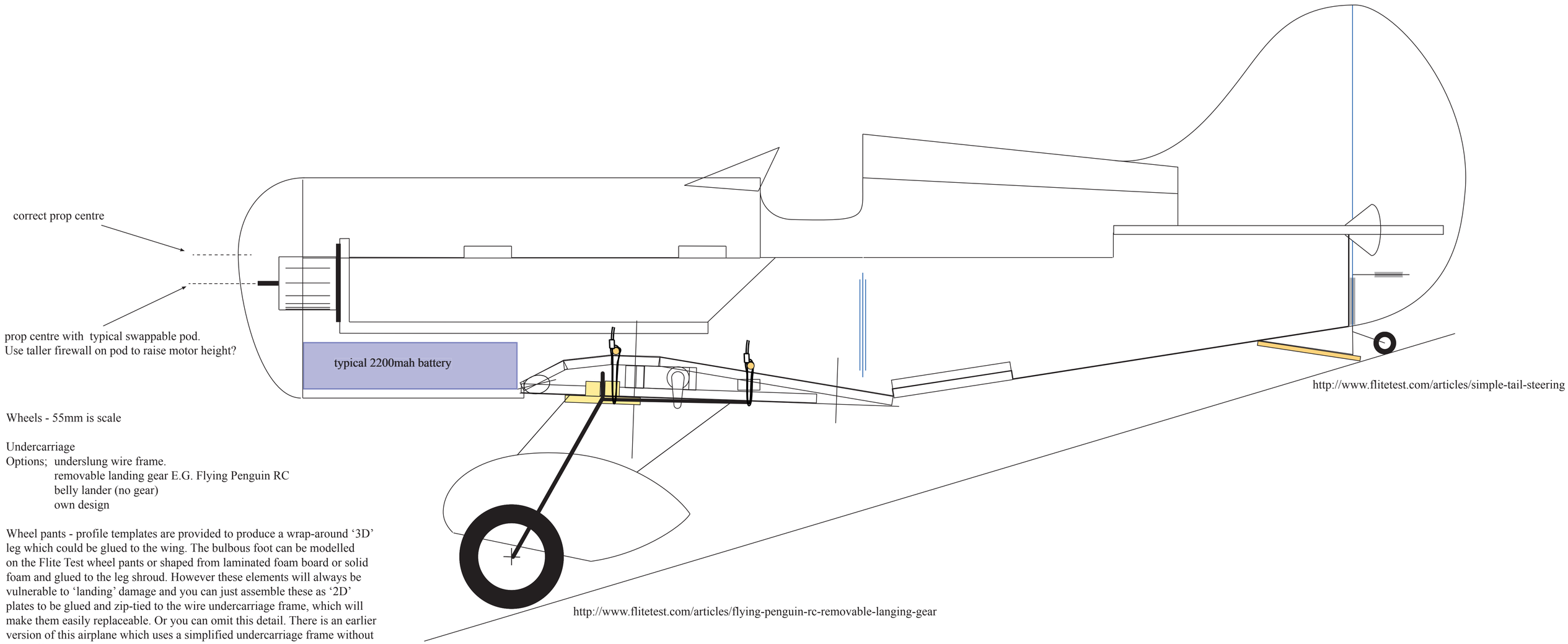
Turtle deck fitting sequence;

Shape and 'dry fit' tail section to get a good fit around cockpit area.
Fit cockpit section.
Fit tail section
Fit front section

Nose detail;

Either laminate foam board using template to create 'bulbous' nose or shape a larger foam block to fit. Cut centre as required to create clearance for motor and airflow around motor.

NOTE - no fuselage nose taper on this version.



http://www.flitetest.com/articles/simple-tail-steering

Wheels - 55mm is scale

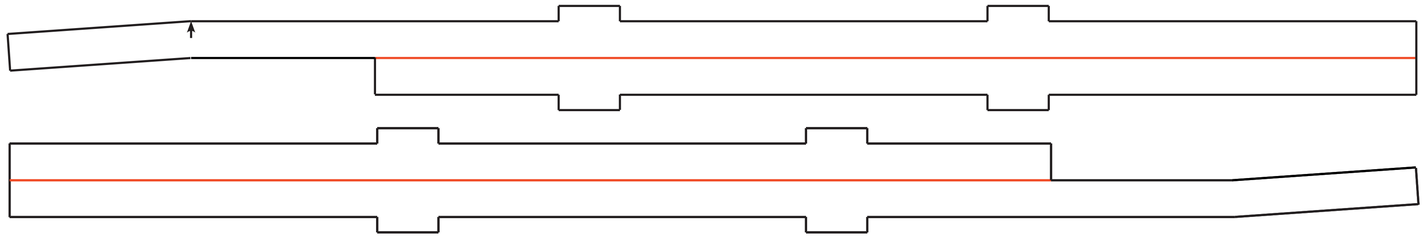
Undercarriage
Options; underslung wire frame.
removable landing gear E.G. Flying Penguin RC
belly lander (no gear)
own design

Wheel pants - profile templates are provided to produce a wrap-around '3D' leg which could be glued to the wing. The bulbous foot can be modelled on the Flite Test wheel pants or shaped from laminated foam board or solid foam and glued to the leg shroud. However these elements will always be vulnerable to 'landing' damage and you can just assemble these as '2D' plates to be glued and zip-tied to the wire undercarriage frame, which will make them easily replaceable. Or you can omit this detail. There is an earlier version of this airplane which uses a simplified undercarriage frame without streamling.

http://www.flitetest.com/articles/flying-penguin-rc-removable-langing-gear

wing spacer

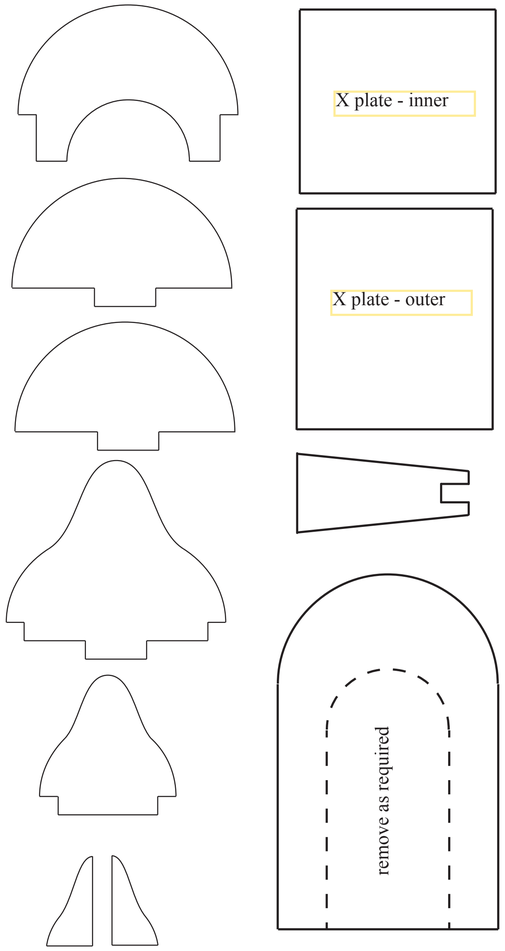
wing spacer

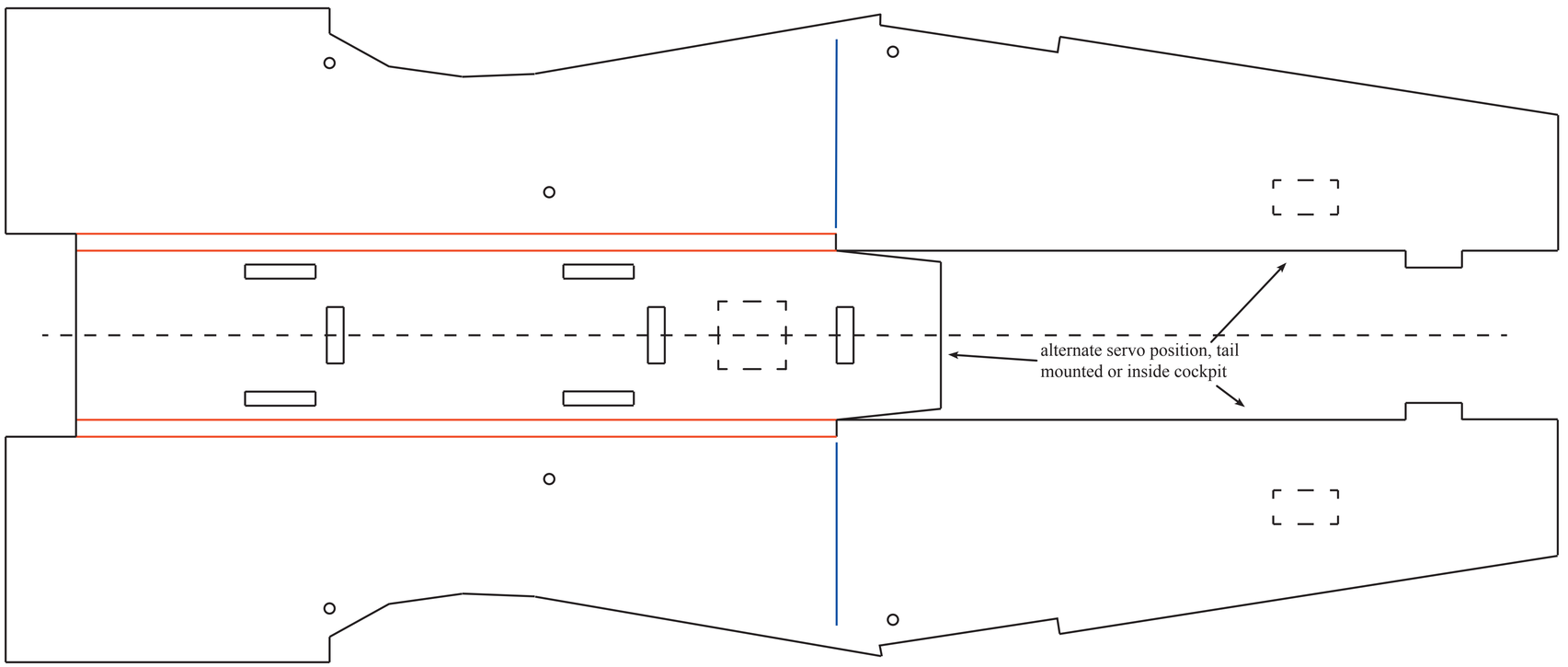


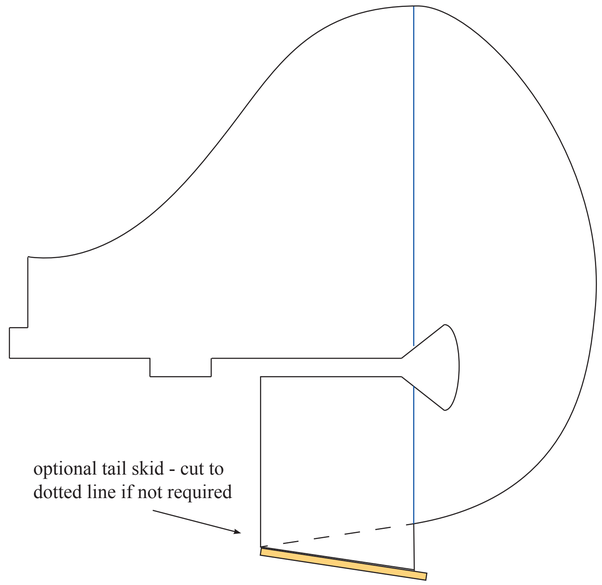
wing top plate

R wing

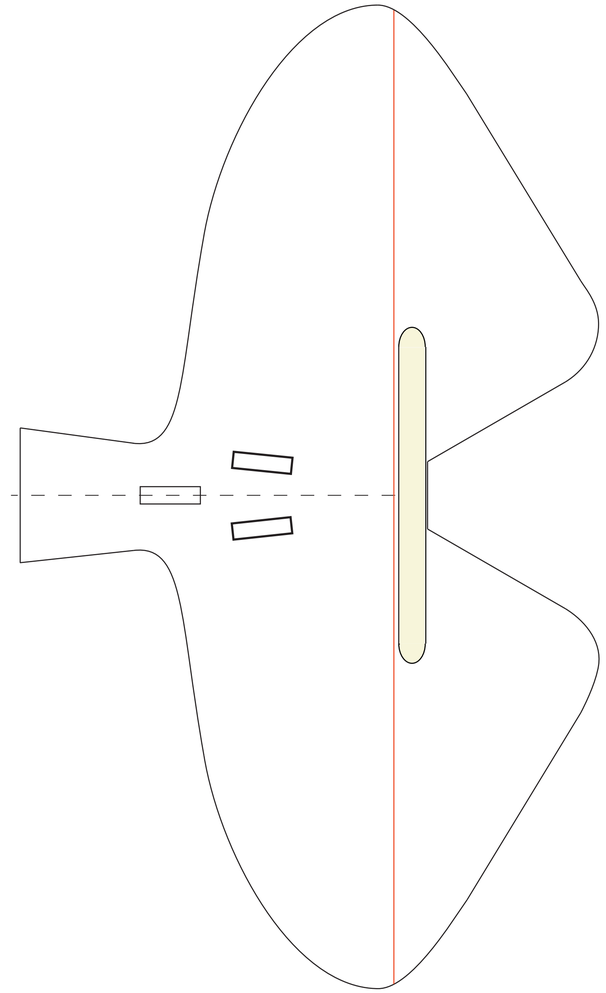
L wing

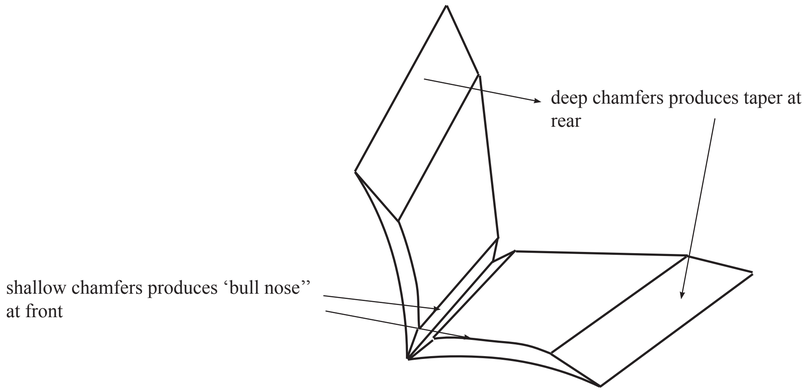




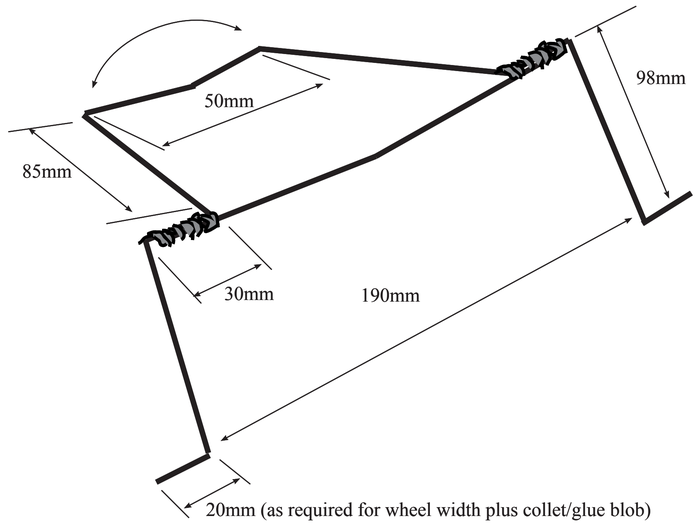


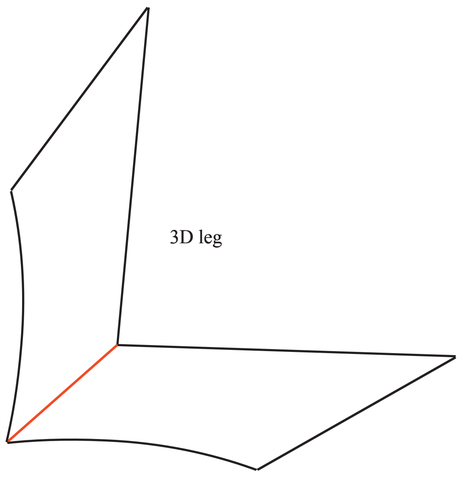
hinges - cut bevels to stabiliser side to allow more foam on control surface for easier fitting of control horns





set to dihedral angle for neat fit under wing





Windscreen;

'Dry fit' a folded paper template to find and mark the positions of the'TAB' slots. Fit folded clear screen and sparingly glue TABS into slots with CA.