

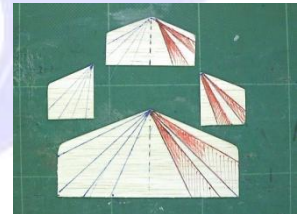
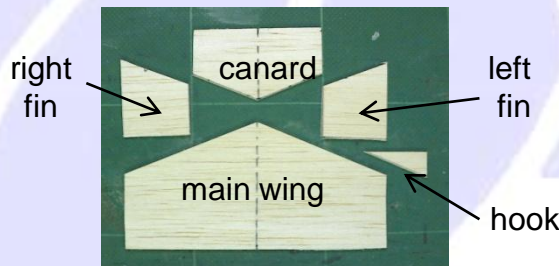
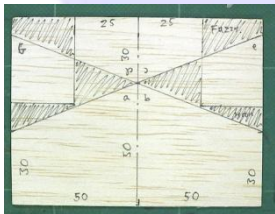
# FREE FLIGHT @ FRANKLIN

## Making an F3 mkl



### Part 1 – Marking, Cutting, Smoothing & Decorating

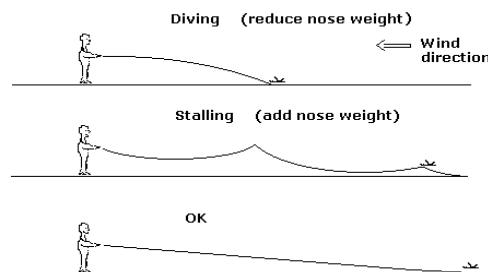
- 1 – Mark out a centre line down the middle of your piece of balsa 50mm from the edges – dotted line.
- 2 – Put a mark 30 mm up on each edge and a mark 50mm up on the centre line.
- 3 – Draw a line from each 30mm mark passing through the 50mm mark and going on to the opposite edge
- 4 – On the top edge put two marks 25mm either side of the centre line
- 5 – Mark a line straight down from these marks to touch your main wing and then a line out to each edge.
- 6 – Scribble on the pieces you don't want !!!
- 7 – Following the cut lines (not the dotted line !!!) Cut out all your pieces
- 8 – Trim the fins so they are the same size.
- 9 – Using the 400 grit wet and dry paper and a block – round off all edges except the bottom of the fins
- 10 – Smooth all surfaces top & bottom. Now you are ready to decorate.



### Part 2 – Assembly

- 1 – Carefully Mark out a line on the fuselage – 2mm up from the front & 35mm along and cut (Fig.4).
- 2 – Get your Mentor to put a line of glue on to the centre line of your main wing
- 3 – Glue your fuselage to your main wing – hold it for at least 2/3 minutes.
- 4 – Get your Mentor to put a line of glue on to your canard
- 5 – Glue your fuselage to your canard prop the front end up with a piece of scrap balsa wait 2/3 minutes
- 6 – You can now choose how you will arrange your fins and glue them in place.
- 7 – leave your model for at least 15/20 minutes for the glue to set.

### Part 3 – Trimming & Flying



Adjust the rudder to achieve left turn on glide