



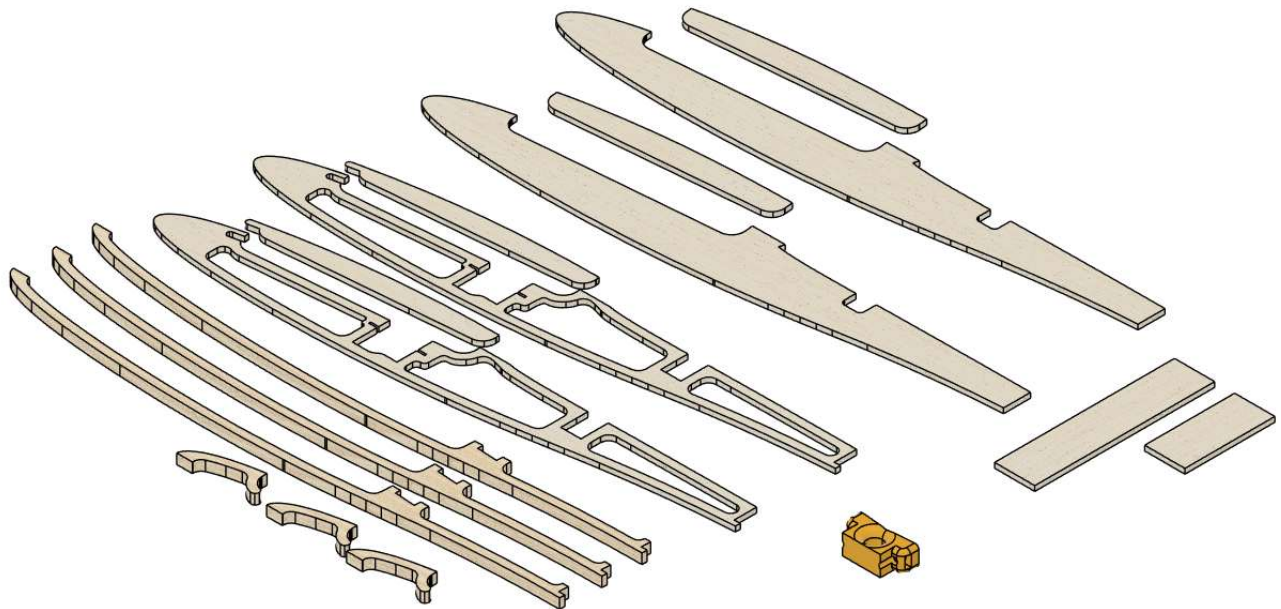
ALF



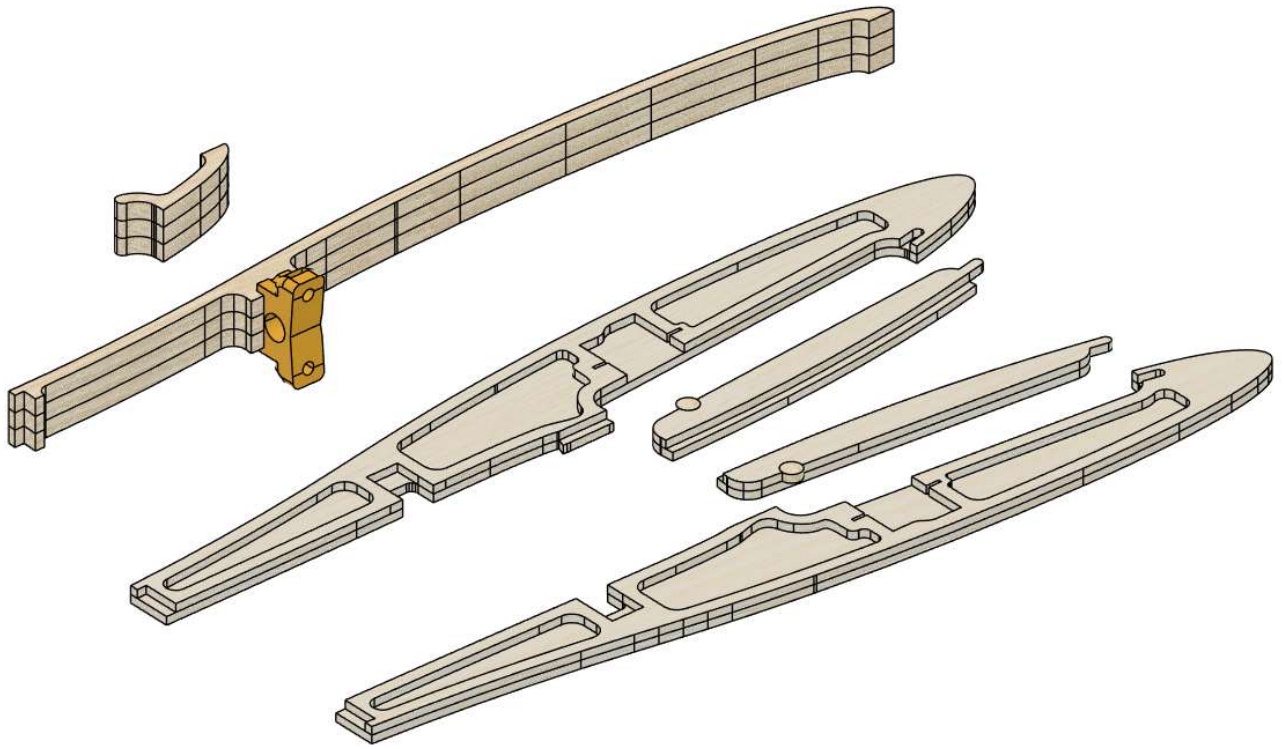
Our latest mini DLG following on from our best selling Pug. The all new ALF is a higher aspect ratio 1m Class DLG

Remember this is a model aircraft assembly kit and not a toy. You should follow all guidance and regional laws / guidance to enable you to fly the model safely. As this is an assembly kit, we at AngelWingDesigns can accept no liability for damage, loss, or personal injuries as a result of the building flying or ownership of this model aircraft kit.

Please follow the instructions carefully.

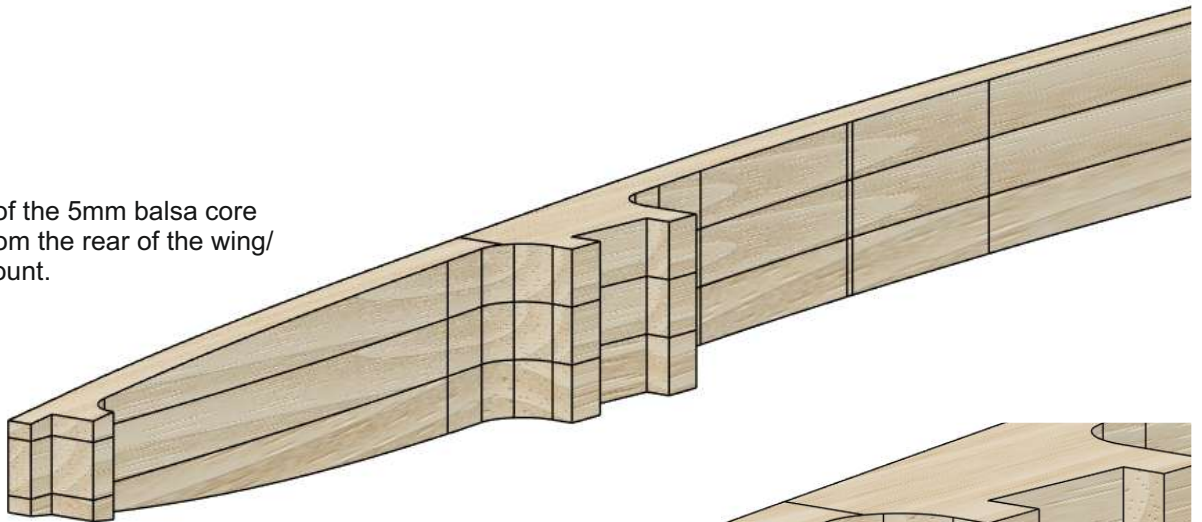


Remove all of the balsa components from the carrier sheets removing any burs left from the retaining tabs. Also note that there are 2 balsa circles not shown in the parts above. These are required but leave them in the carrier sheet until ready. The instructions show the 3d plastic boom / wing mounts at various stages, but these **MUST NOT** be glued in until instructed. You may wish to lightly tack glue the rear boom mount however to add sanding and assembly.

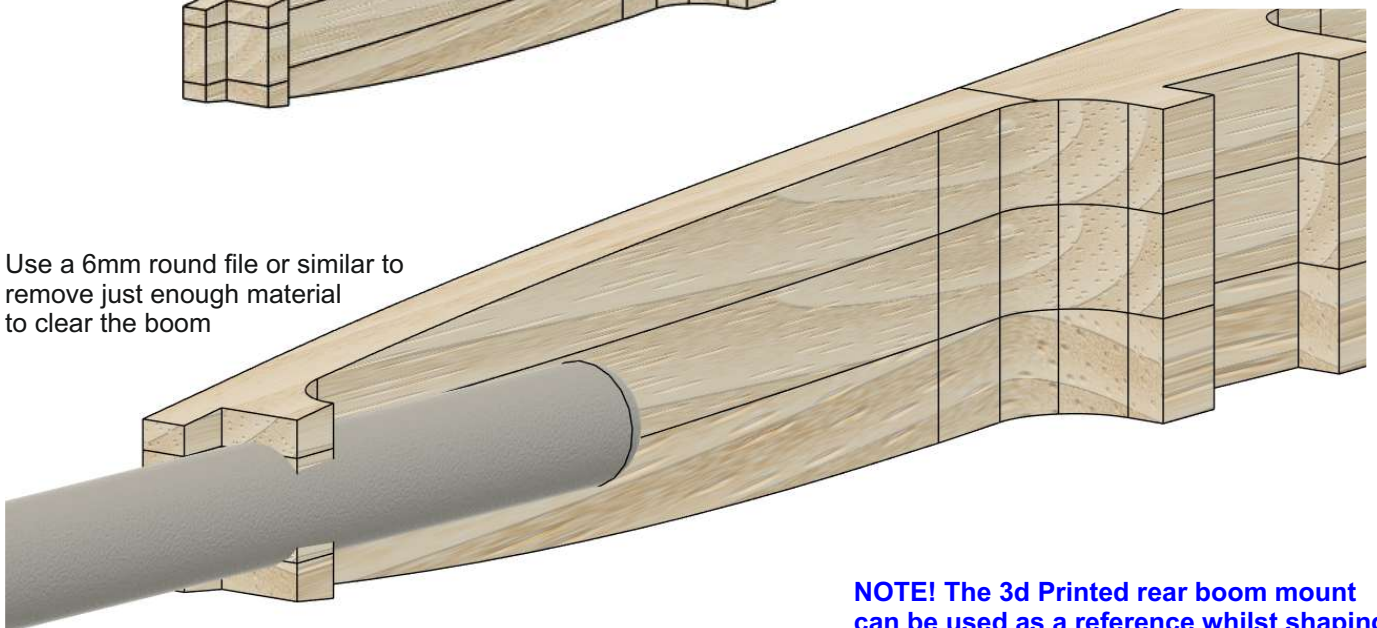


Laminate all the balsa fuselage parts as shown. We use wood glue such as our TB2 for this task. The Wing mount can be utilised to aid the exact alignment of the parts, but **not glued** into place.

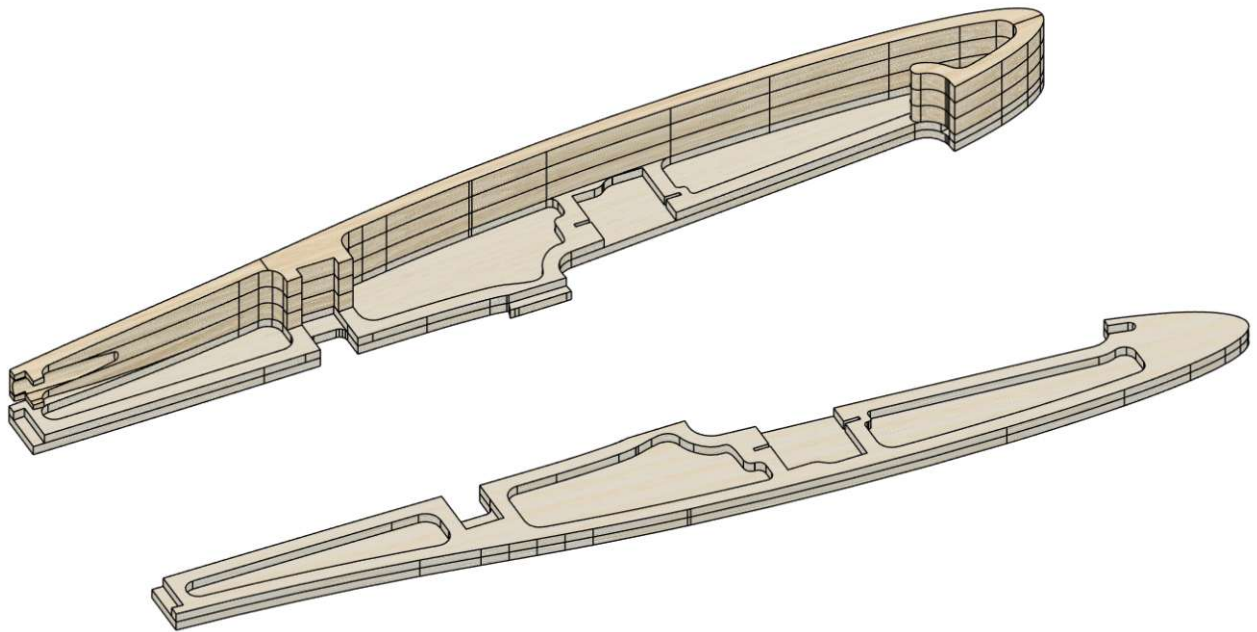
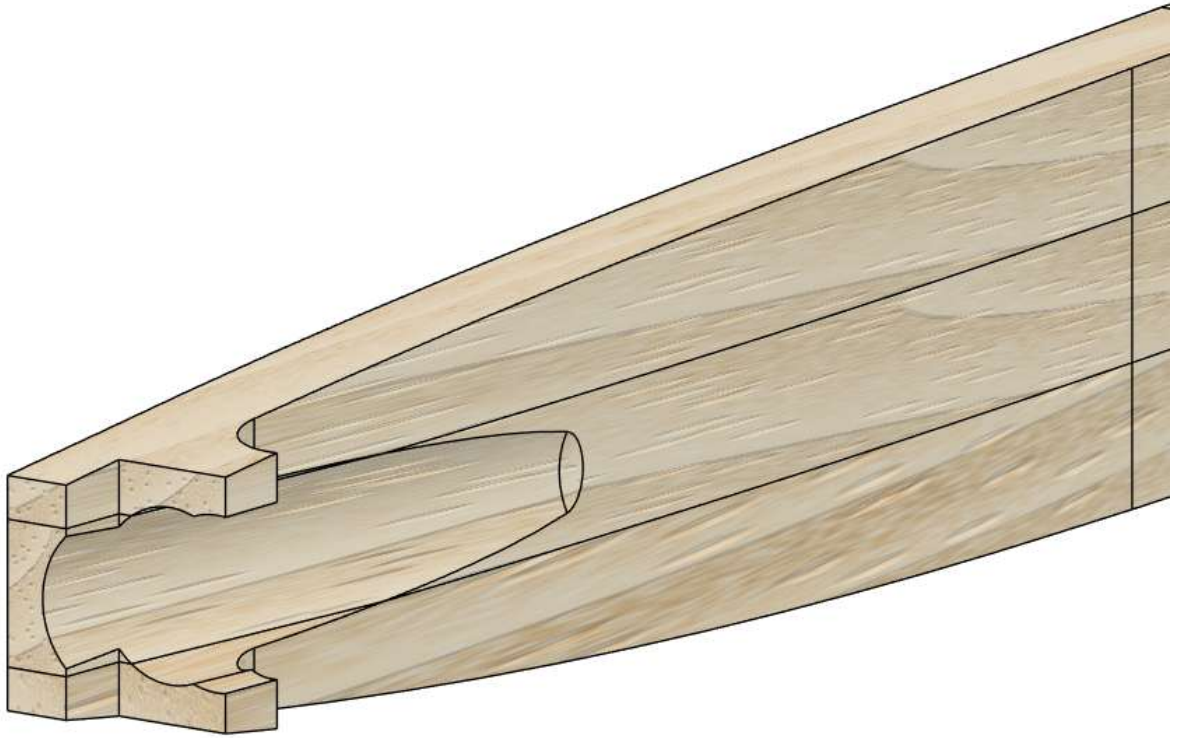
Thin the rear of the 5mm balsa core laminations from the rear of the wing/boom front mount.



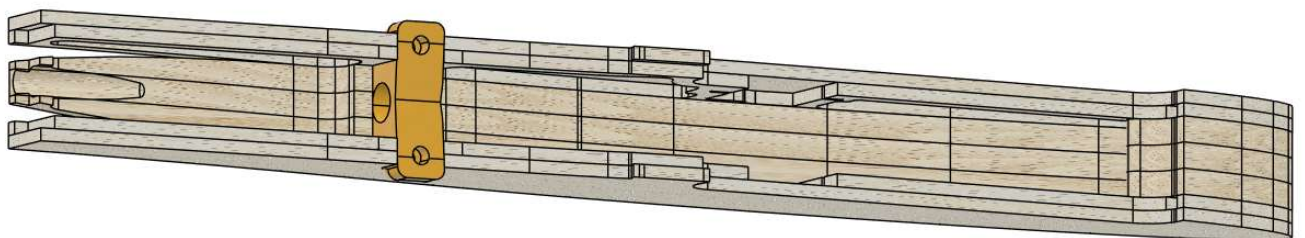
Use a 6mm round file or similar to remove just enough material to clear the boom



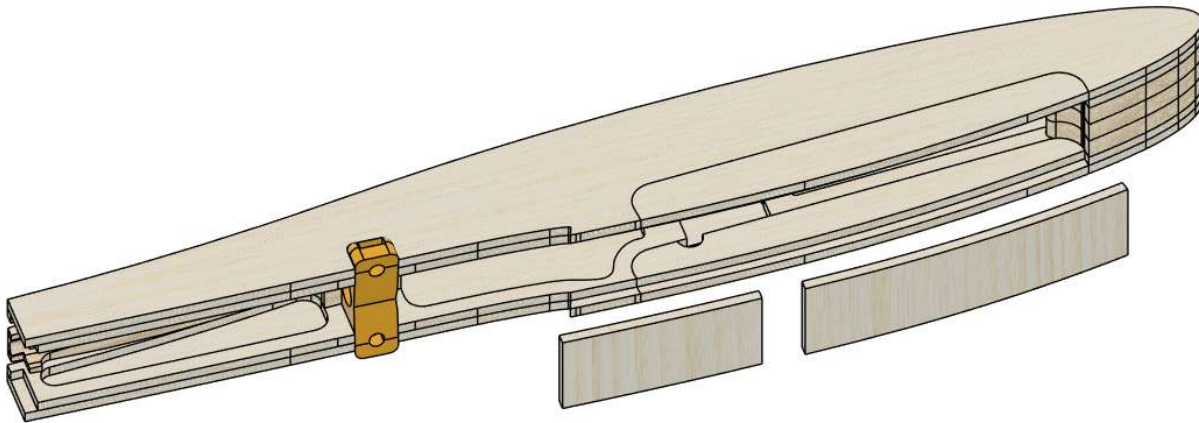
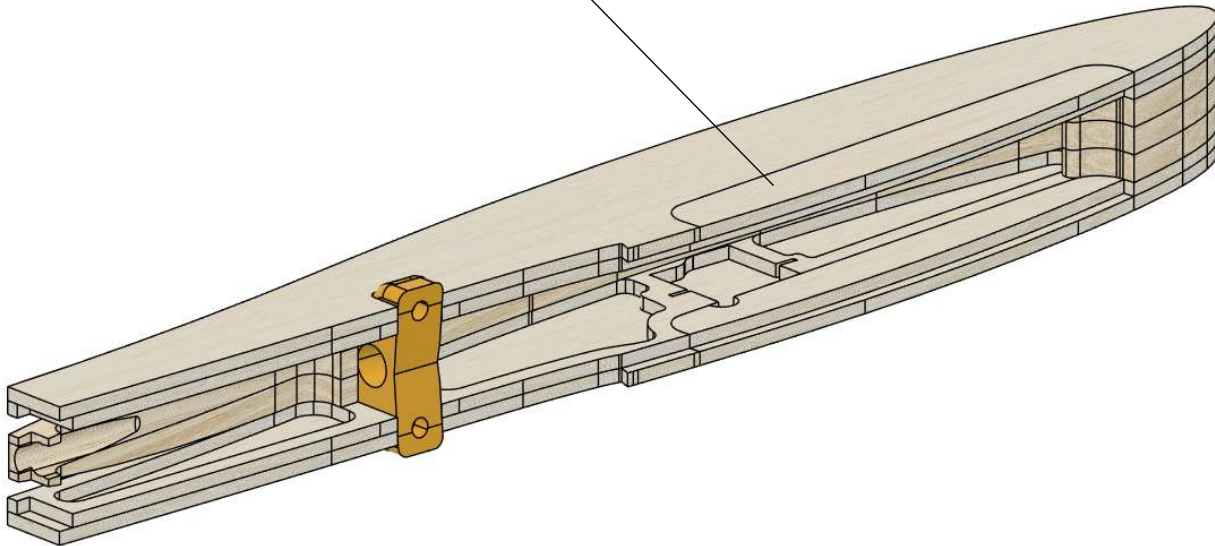
NOTE! The 3d Printed rear boom mount can be used as a reference whilst shaping the centre fuselage core



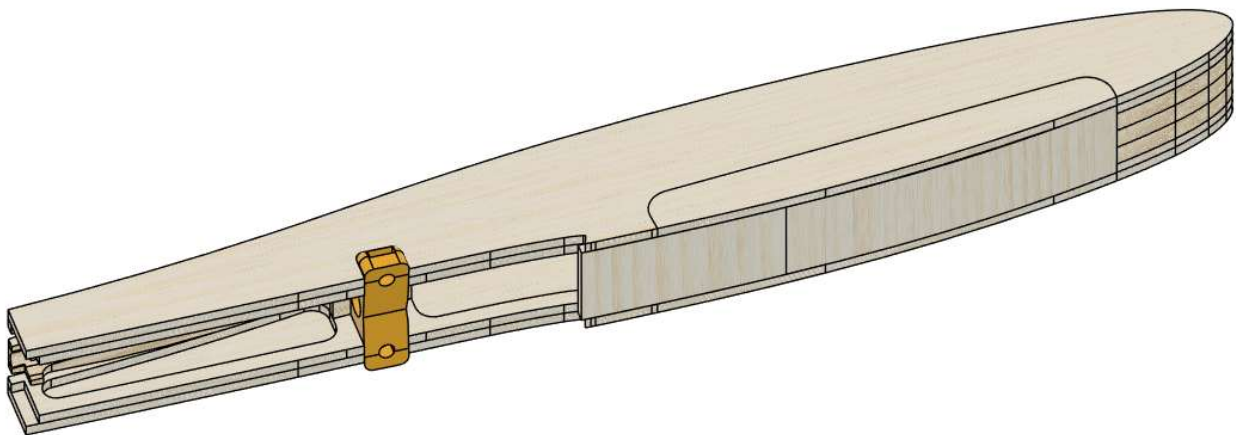
Add the outer laminated fuselage sides to the central 5mm core using wood glue. Use the wing mount as a guide. **DO NOT pull the rear fuselage together yet**



Use masking tape to temporarily hold the canopy sides into place



Glue the 2.5mm balsa canopy sheet into place. You will need to cut one of the sheets to the correct length



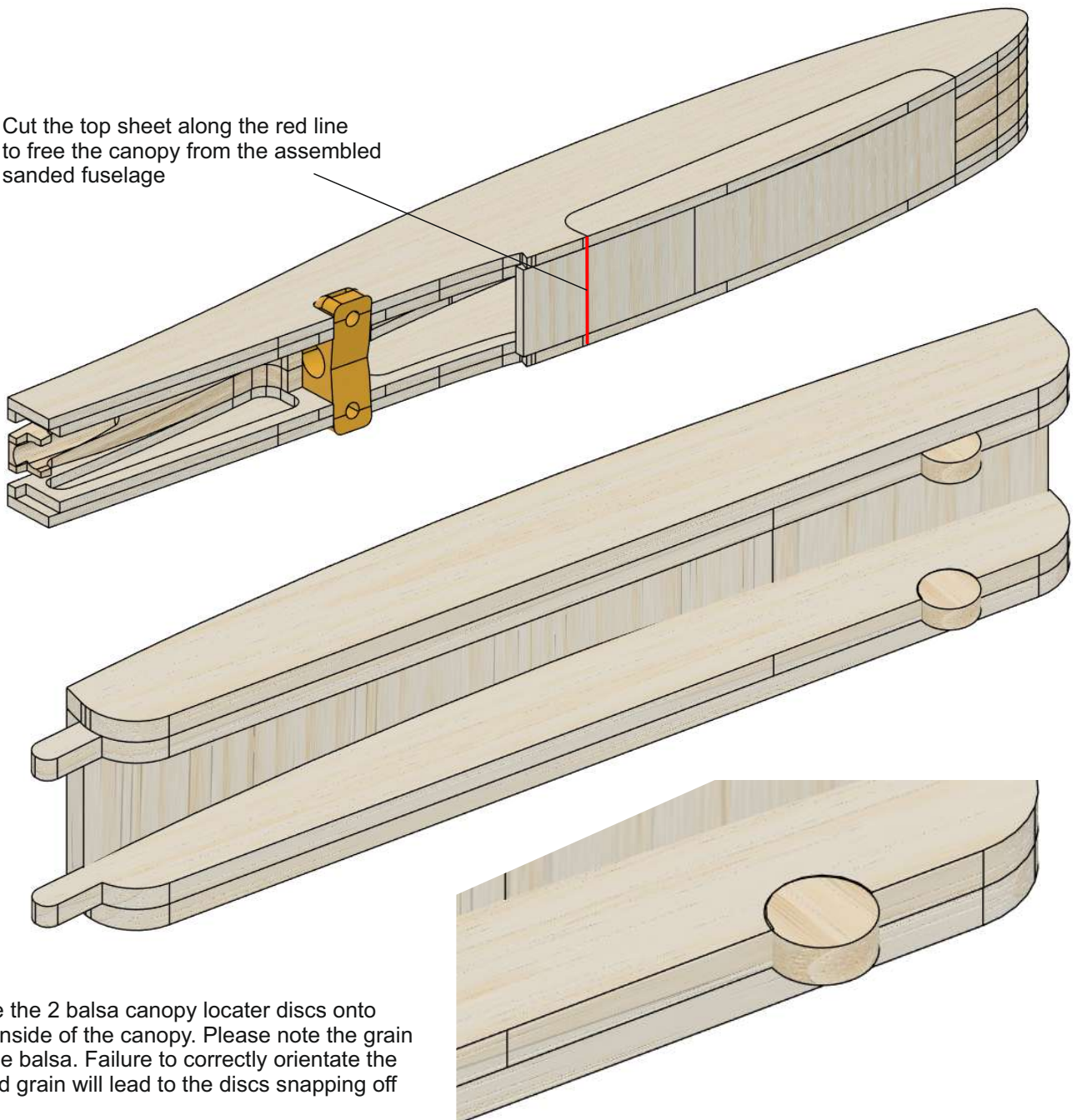
Do not be tempted to remove the canopy at this stage in fact we only remove the canopy once the fuselage has been sanded to shape



Pull the rear fuselage sides together and glue. We strongly recommend using both of the boom mounts to keep the fuselage accurate and true whilst you complete this task. The Rear mount can be tack glued into place.

Sand the fuselage to shape rounding off all of the bottom edges, canopy area and nose using 320 grit glass paper.

Cut the top sheet along the red line to free the canopy from the assembled sanded fuselage



Glue the 2 balsa canopy locator discs onto the inside of the canopy. Please note the grain of the balsa. Failure to correctly orientate the wood grain will lead to the discs snapping off