

# Ron Gray, Lavochkin LA-7 Resurrection, 4

Work on the wings continues.

Having used the soldering iron / foam cutter to form slots around the retract bay I then lined it with vertical grain balsa (vertical to add back strength where the foam has been removed). I use Gorilla Glue (expanding variety) when I glue to foam.



The plastic wheel wells were cut down to size and I will reuse the bottom off-cut inside the well.



The ailerons were cut out using a wide bladed razor saw and then the edges were trimmed to receive the false TE.



LE and false TE were then stuck to the wing using Gorilla Glue.



The LE for the ailerons was made up from 2 pieces of balsa, why 2 pieces? because I used the off cuts that would otherwise have been thrown away! The LE is so thick because I need to form the concealed hinges as I'm now committed to these having done the work on the rudder and elevators.



The next 2 shots show the nearly finished LE



The false TE of the wing has had a couple of triangular fillets added to the top and bottom and these will cover the hinge line.



And a trial fit shows what it should look like when the hinges have been fitted.



Having cut out the servo pockets (soldering iron foam cutter) I then decided to tackle the cable routes for the aileron servos and the retracts using a sharpened length of CF tube to core the channel out.



I also cut another channel at an angle to the one shown above exiting at the bottom of the wheel well. I want all of the cables to exit the top of the wing on one place as I will be using a Maxloc 4 way connector so that I only have one thing to plug in when I mount the wing on the fuse. More by luck I managed to get the channel to exit right at the back of the servo pocket.



I now have to repeat all of that work for the other wing!