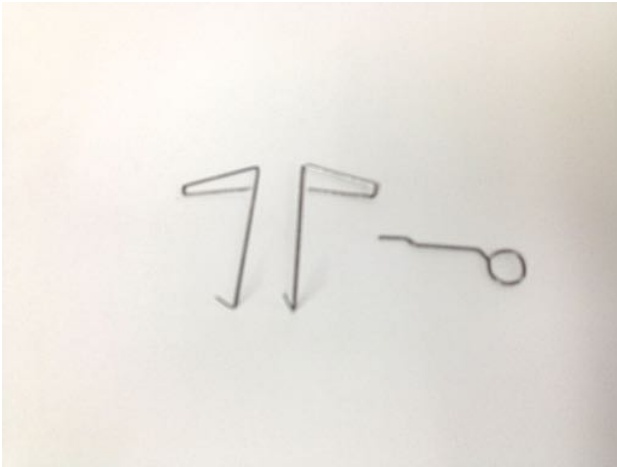
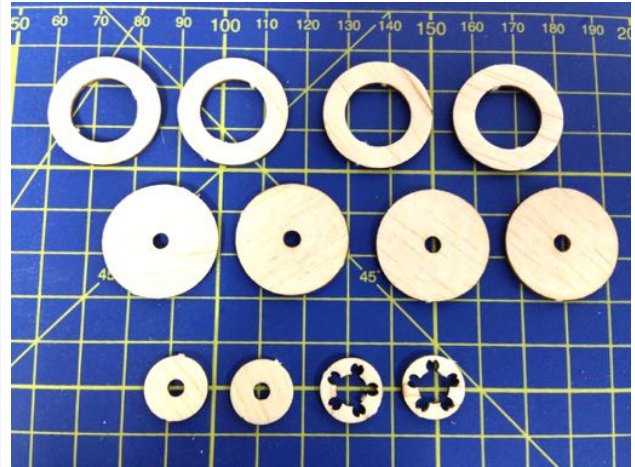


SPITFIRE - MAIN PARTS AND FRAMES BUILDING SCHEDULE

WHEELS, UNDERCARRIAGE & SPINNER



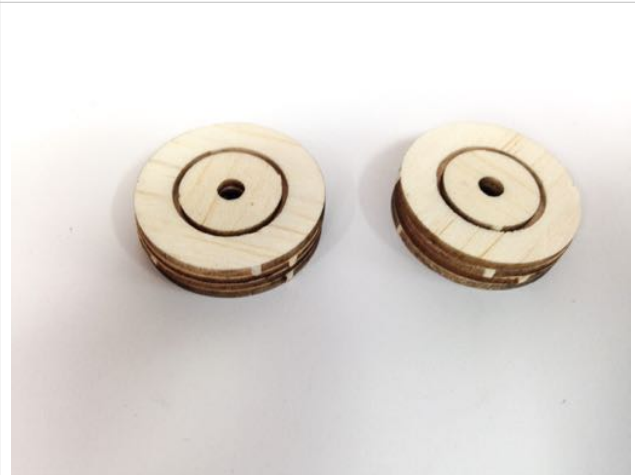
1) Using wire cutters and pliers make up the undercarriage legs and tail wheel from the wire provided. Make sure that you make two legs and that they are opposite hands.



2) Identify and remove parts in the following quantities from the laser cut sheets: 4 off WH1, 4 off WH2, 2 off WH3 and 2 off WH4
NOTE: PARTS WH4 ARE VERY DELICATE SO TAKE EXTRA CARE! Note that the tail wheel part TW1 is positioned inside one of the WH1 parts so make sure it is retained for step 9.



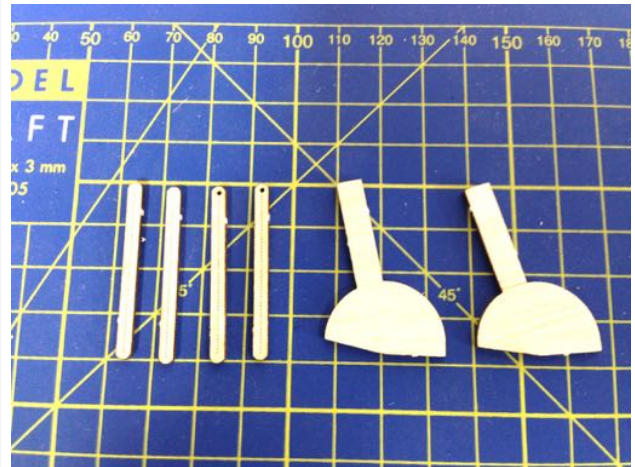
3) Sand the internal diameter of the WH1 parts to remove the 'tags' and burnt edges using a piece of sandpaper wrapped round a pencil or similar



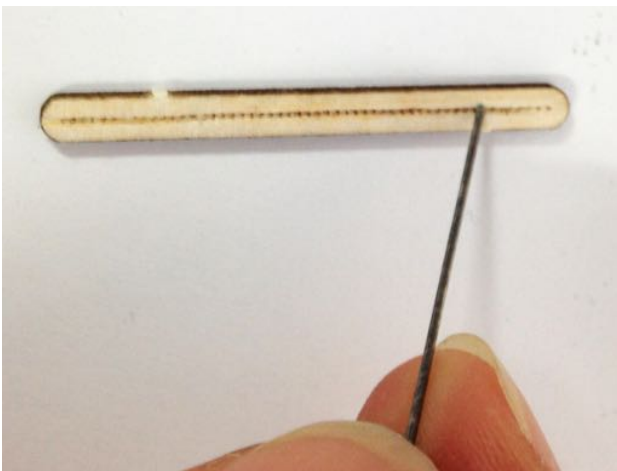
4) Laminate the parts cross-grained as shown on the plan to make two wheels ensuring all of the parts stay concentric. Once they are set, round off the edges as shown on the plan. If you want to paint the wheels, they should be coated with full strength dope and sanded to a smooth finish beforehand.



5) Fit a plastic nose bush to each wheel using cyano adhesive – **DON'T ALLOW THE ADHESIVE TO GO INSIDE THE BUSH.**



6) Identify and remove parts in the following quantities from the laser cut sheets: 2 off LG1, 2 off LG2 and 2 off LG3.



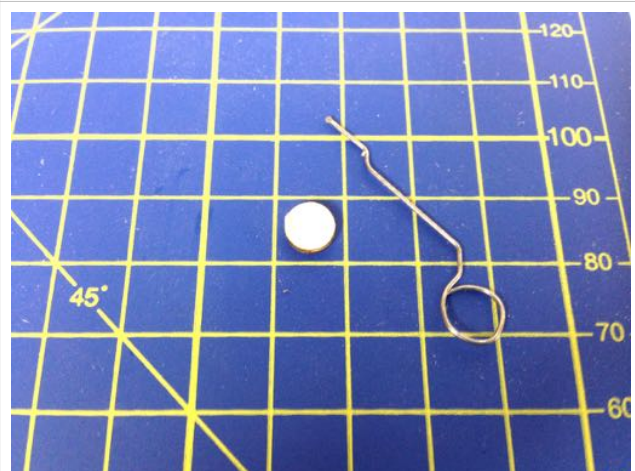
7) In parts LG1 and LG2, make a groove into the parts following the etched line. This is best achieved using the left over piece of wire from the undercarriage legs or failing that an empty ball point pen drawn along to simply 'dent' the wood.



8) Follow the instructions on the plan to make up the two main undercarriage leg assemblies. Be very careful to make sure that you make a left hand and right hand assembly. If you want to paint the leg assemblies they should be sealed and sanded to a smooth finish beforehand.



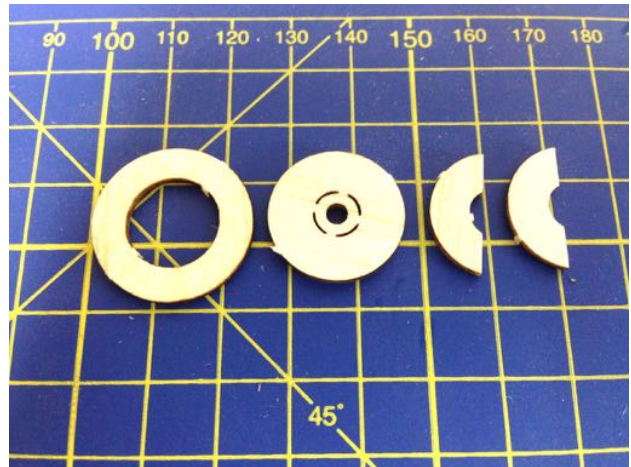
9) The wheels can then be added to the axles of the legs and retained by simply bending up the wire or using the insulations from some thin electrical flex held with a blob of glue. NB Make sure that the glue does not enter the wheel centre bushing and that the wheel can rotate freely.



10) Take part TW1 retained from step 2.



10) Continued: Glue it to the centre of the tail wheel wire with cyano. Allow it to dry then sand the wood flush to the wire.



11) Identify and remove parts in the following quantities from the laser cut sheets: 1 off SP1, and 1 off SP2 and 2 off SP3.



11) Continued: Laminate them together as shown on the plan, making sure that they are cross grained and that glue does not enter the radial slots in part SP2.



12) Once set, locate the plastic propeller to the slots formed by the two parts SP3 and centralise the radiused boss to the hole in part SP2. Once you are happy with the fit, glue the propeller in place with cyano, once again ensuring that glue does not go into the radial slots or into the hole that locates the radiused boss.



12) Continued: Once this has set, cut out the centre part that located the boss.