Appendix: common questions and their solutions

INDEX

1.Before you begin

1.Read through the manual before you begin, so you will have an overall idea of what to do.

2. Check all parts. If you find any serious defects or missing parts, please contact your local dealer.

3. Please build your kit in strict accordance with the sequence of the user manual.

4. Pre-Sanding: Before removing any parts from the laser-cut plywood sheet , use a sanding block loaded with 250- 400 grit sandpaper and lightly sand the back side of the sheet. Which can significantly reduce burn marks of the wood and make the parts match better

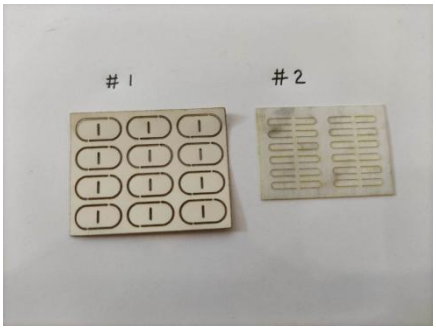
5. Before building the model part on drawings, It is recommended to cover a layer of kitchen cling film (polyethylene film) on the drawing. This way can prevent parts from sticking to the drawing and causing damage.

6. Parts Assembly:This product’ s tabs and notches interlock like a 3D puzzle. We strongly suggest that when fitting parts, you “dry fit” (use no glue) the parts together first. It is advised to work 1- 2 steps ahead in the instructions, using this dry-fit technique. This allows the opportunity to inspect the fit and location of assembled components, and shows the benefits of our construction technique. As each successive part is added, it contributes to pulling the entire assembly square. Once you arrive at the end of a major assembly sequence, square your work on a flat work surface, and bond the dry-fit joints with glue. Using the dry-fit process, you’ ll be able to recover from a minor build mistake, and will ultimately end up with a square and true assembly.

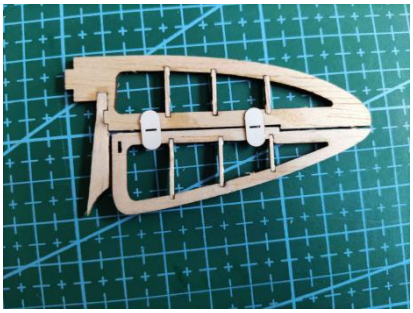
7.These balsa kits are precision laser-cut kits. Our lasers cut to within 0.2mm in accuracy. Yet the wood stock supplied to us by the mill may vary in thickness by up to 0.2-0.3mm. This variance in the wood stock can cause some tabs and notches to fit very tightly. With this in mind, consider lightly sanding or lightly pinching a tight-fitting tab, rather than forcing the parts together. You may break some parts in assembly, but please don’ t worry, after the final covering work, it will not affect the strength and appearance of your model. You will end up with a circle and true airframe.

2.How to link the rudder surface and the stabilizer surface

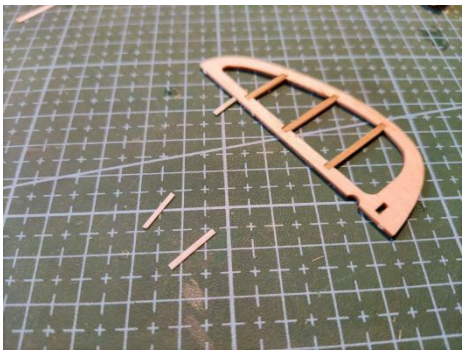
We have two types of hinges. 1. Flake hinge, it is sticky, directly use it to link the rudder surface and the stabilizer surface when in use. 2. Strip hinge, cut the connecting part with a sharp knife, and then insert the peeling hinge

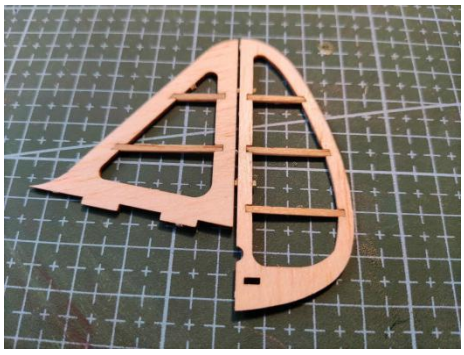


1.Connect the rudder surface and stabilizer surface using flake hinge



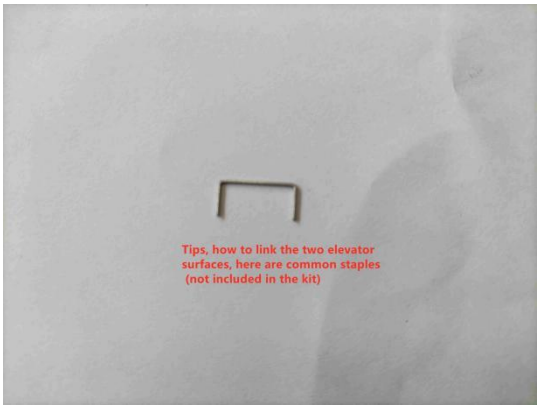
2.Connect the rudder surface and stabilizer surface using strip hinge



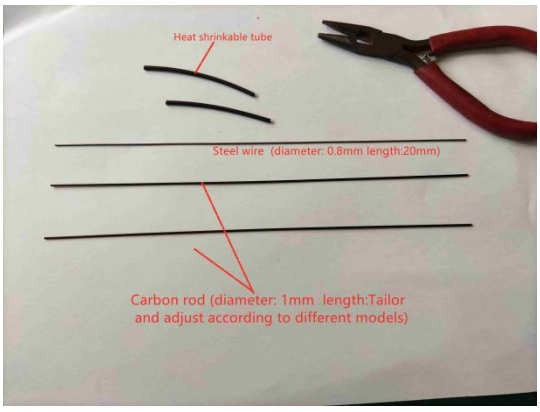


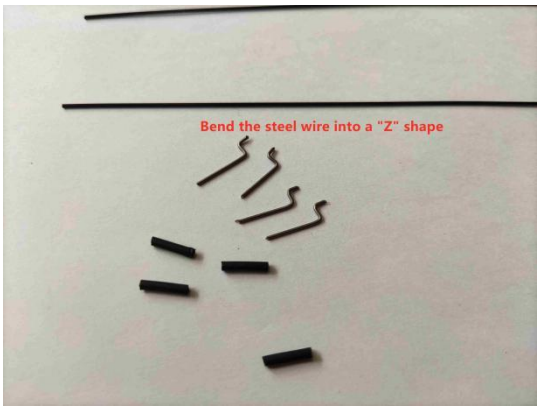
3.How to link the two elevator(Rudder) surfaces

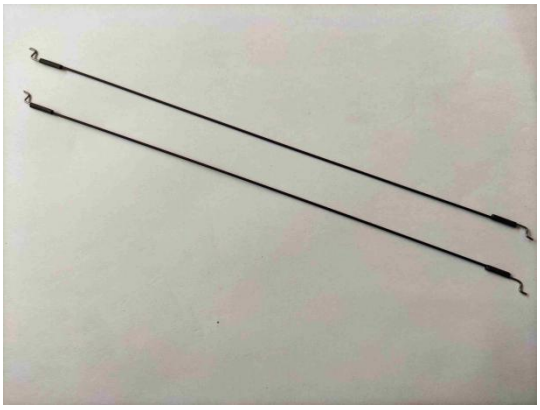
In our model kit, the elevator of most model airplanes is composed of two parts. In order to control it more simply and efficiently, we usually use the method to link the two rudder surfaces.



4.How to build push rod



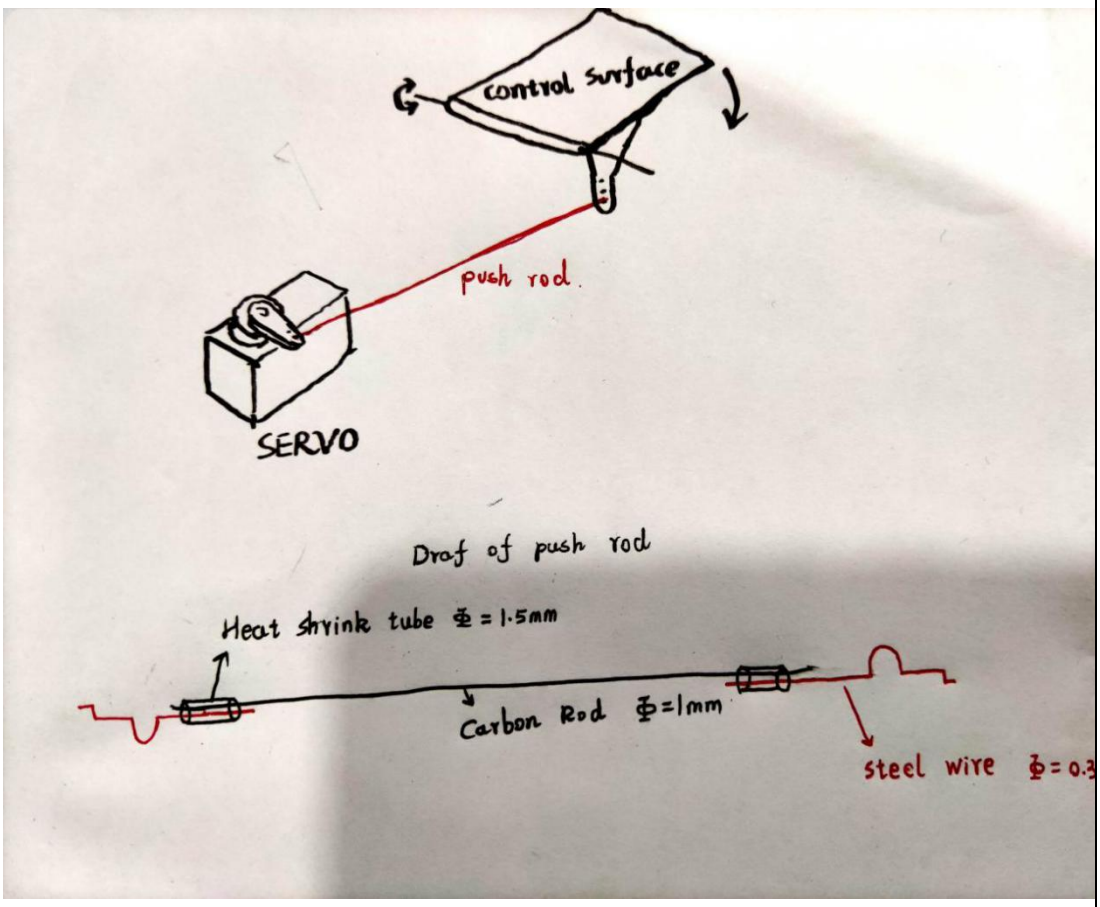




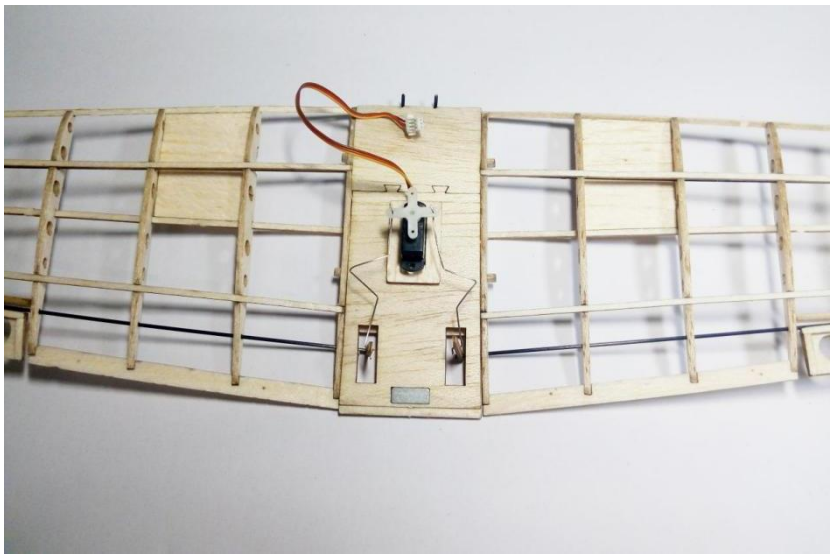
If you don’t have enough carbon rods in your kit, please don’t worry. You can replace the carbon rods with Balsa wood strips with a cross-section of 1 mm * 1 mm (or 1.5 mm * 1.5 mm). For the links at both ends, please Use cotton thread to bind and connect the "Z"-shaped steel wire with the wooden strip, and drip CA glue to fix it.

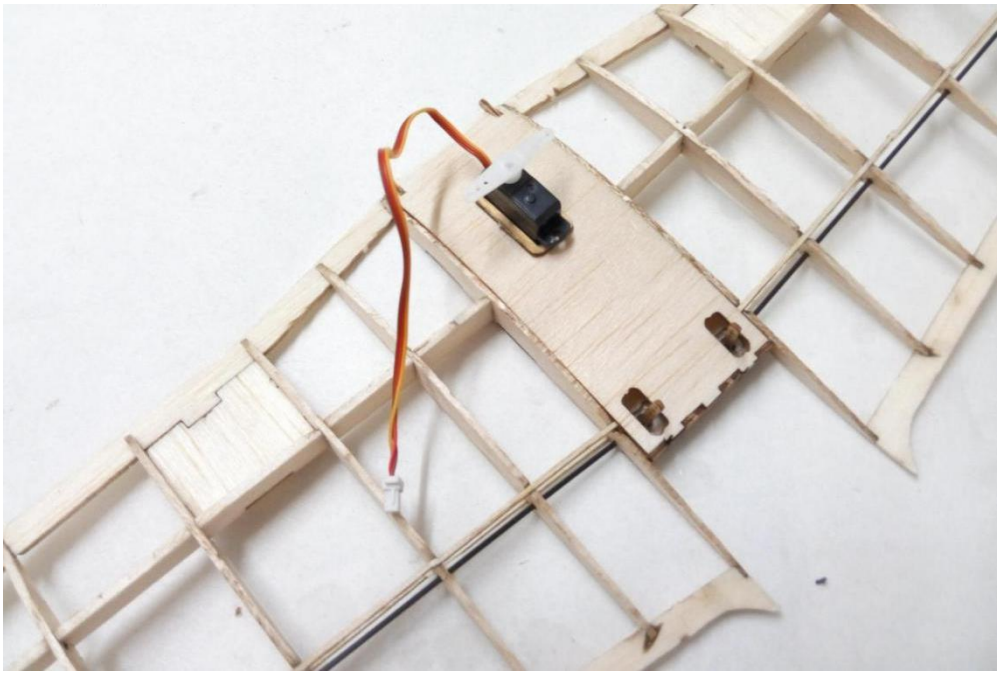
5.How to control the rudder surface using servo

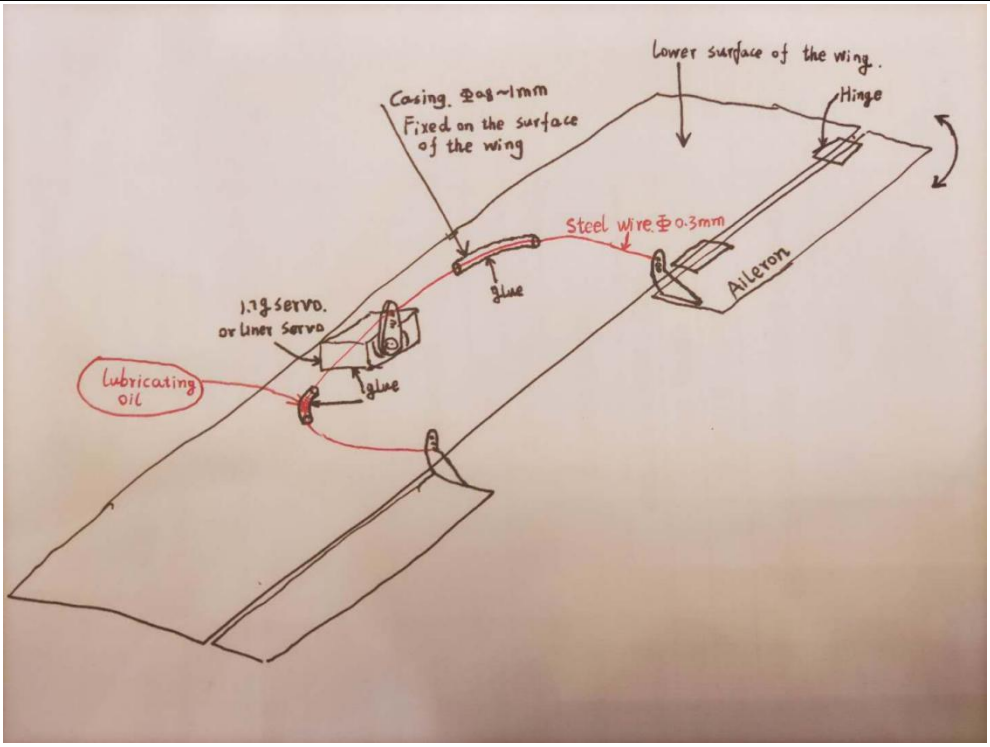
1.For common situations, please refer to the following diagram



2. Special example, using only one servo to control two aileron rudder surfaces



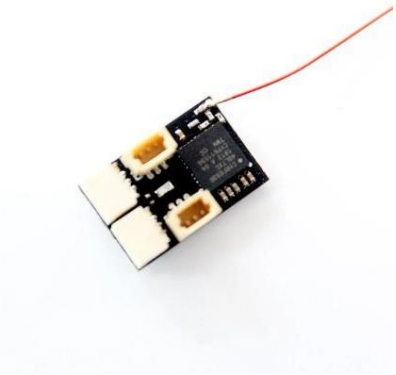


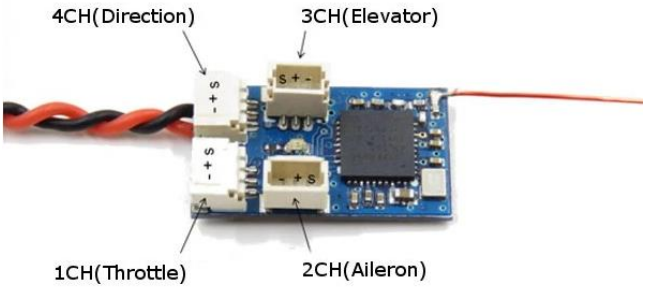

Lower surface of the wing.
Hinge
Casing. Φ≈1mm
Fixed on the surface of the wing
Steel wire Φ0.3mm
glue
Aileron
1.1g servo.
or Liner servo
Lubricating oil
glue

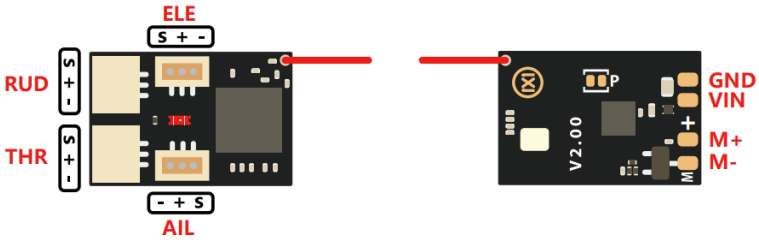
6.Recommend electronics

For our micro plane series, we recommend 2 kinds of receivers, first is micro 1g receiver(Ma-RX42 series), the second is micro receiver integrated 2 liner servos (MXL-RX62H series)

1. Ma-RX42 series



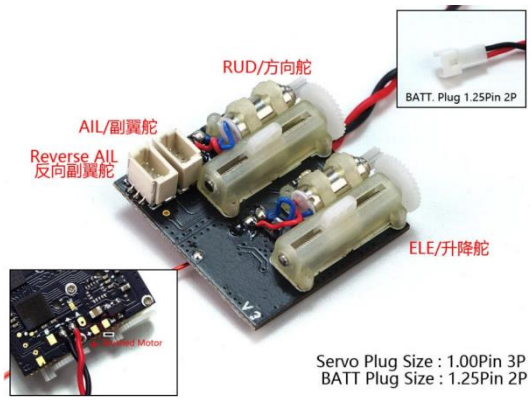




Plug type: 1.00Pin 3p

2. MXL-RX62H series

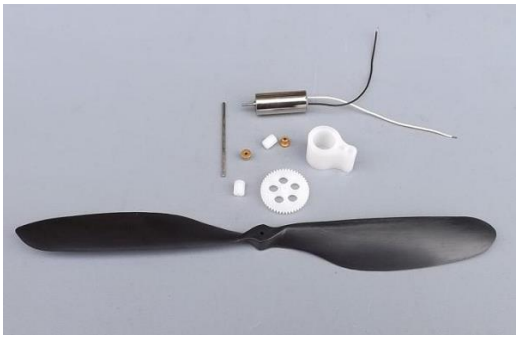
Plug type: 1.00Pin 3p

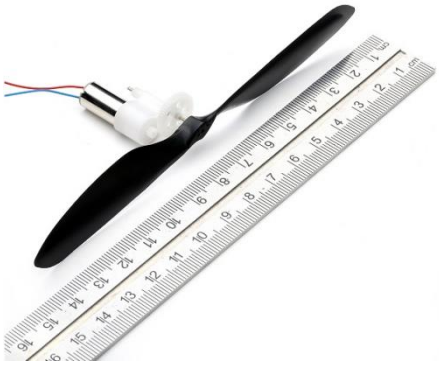


3. 1.7g micro servo

Plug type: 1.00Pin 3p

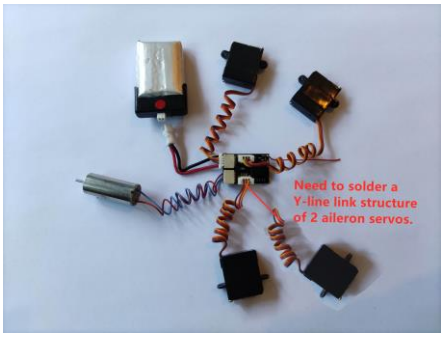
4.8520 coreless motor gearbox system



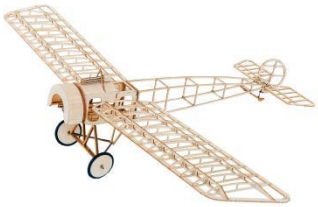


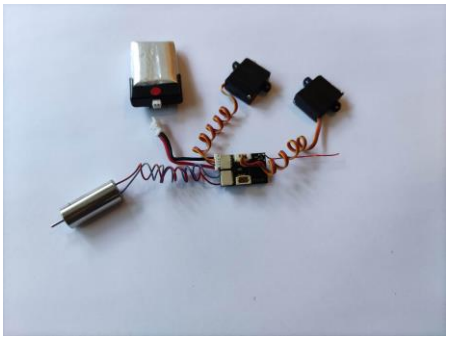
7.Electronics' connecting method of each kits

1. Etrich Dove

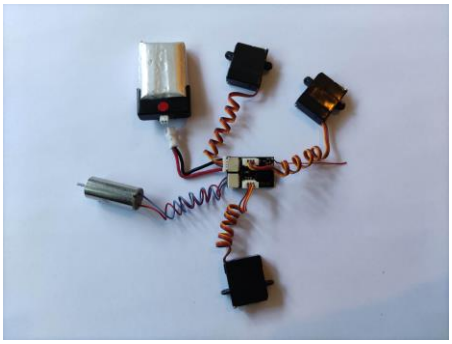


2. Fokker E3

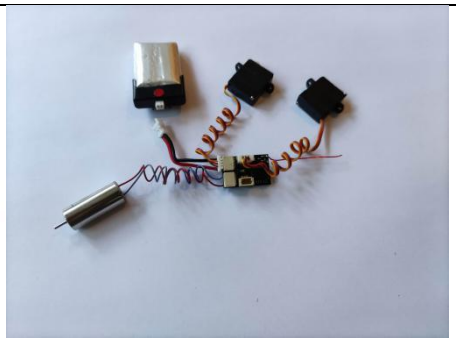




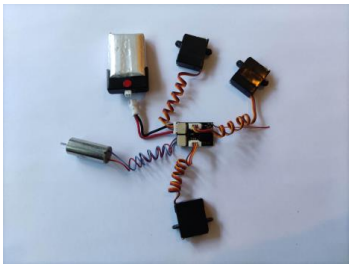
3. A6M2 Zero



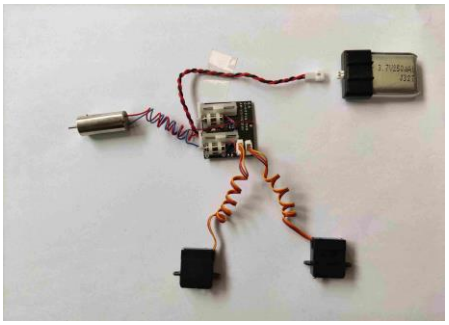
4. Bleriot XI



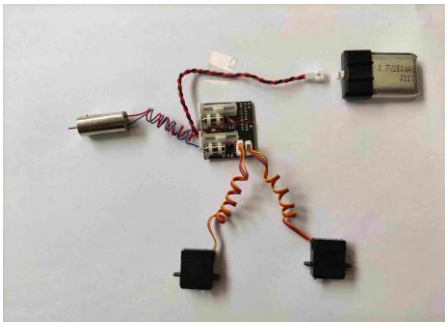
5. P-51D



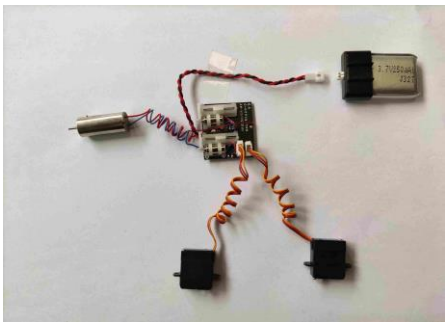
6. Sopwith Camel



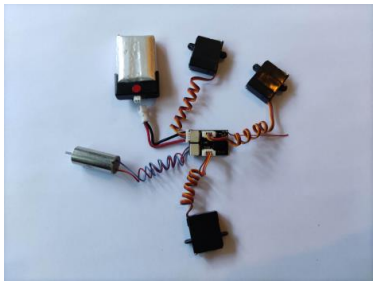
7. aVRO504k



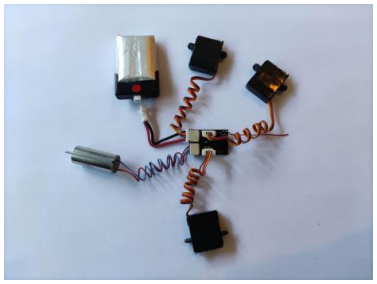
8. DH.53



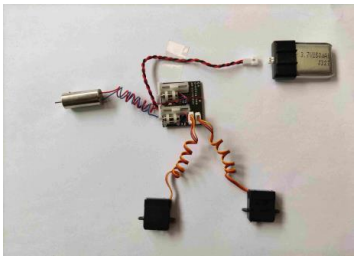
9. Fokker dr.1



10. RAF SE5A



13. P-26A



8.How to cover your balsa plane using tissue

1. http://www.ffscale.co.uk/comper.htm
2. http://www.ffscale.co.uk/comp7.htm
3. https://youtu.be/Sy9UR2fXugY

The above information comes from the Internet and we don't take over responsibility for the information provided on other sources.