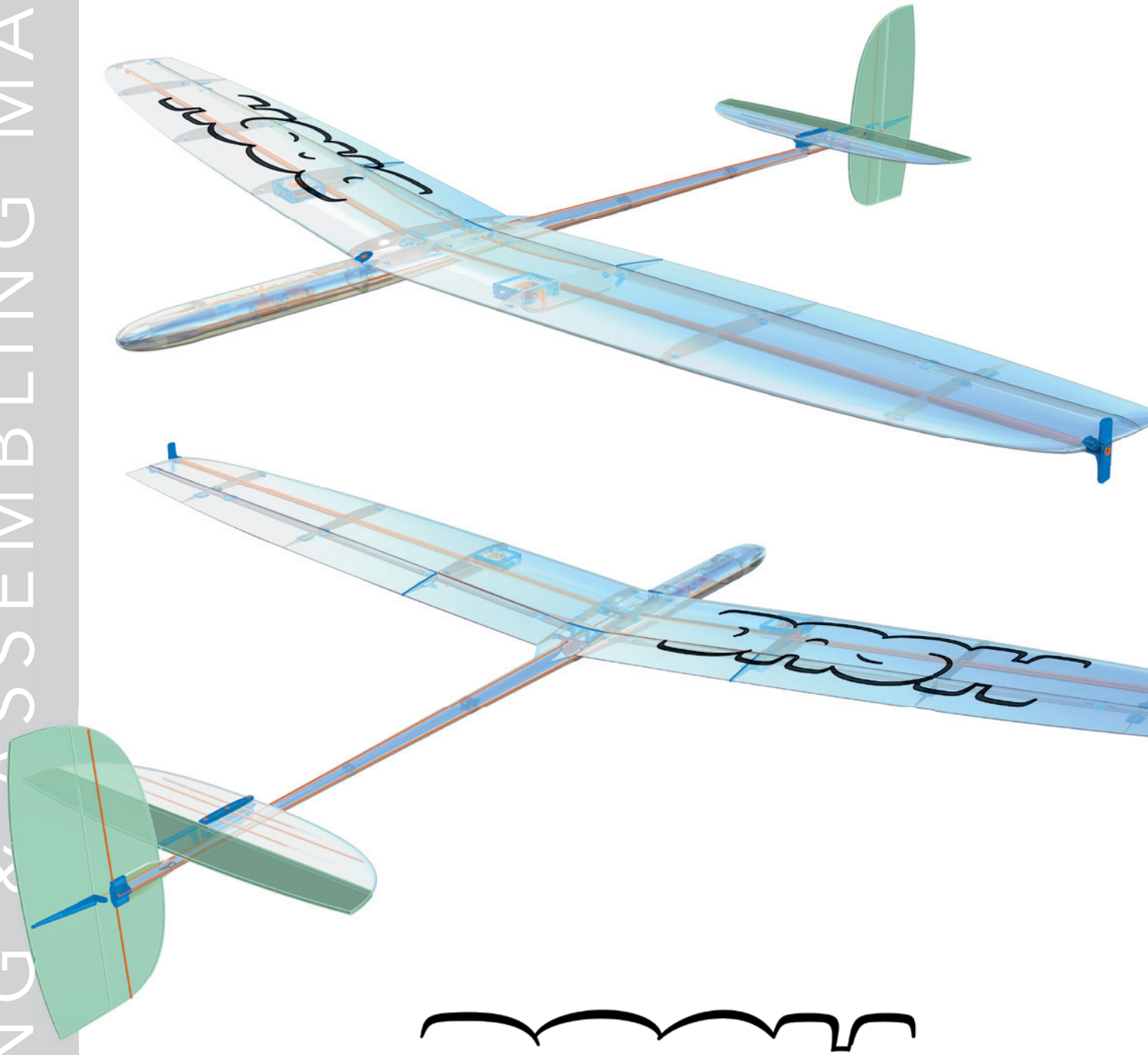
PRINTING & ASSEMBLING MANUAL

PLANE PRINT



PLANE PRINT

RC DLG (Discus Launch Glider)



FAIR DATA USE

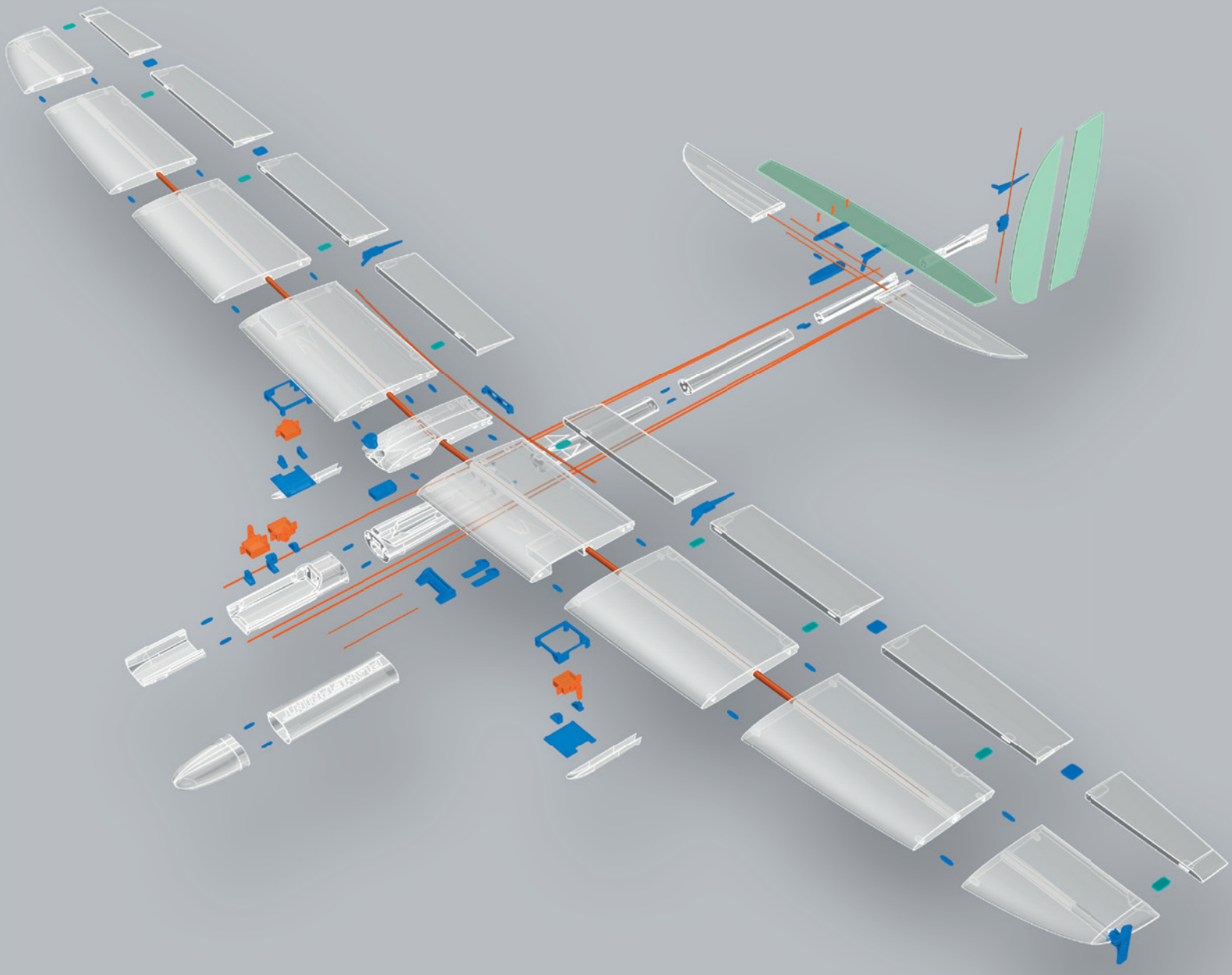
www.planeprint.com

the **ONLY** place where you can get original Planeprint STL files **legally!**

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PLANE PRINT DASH



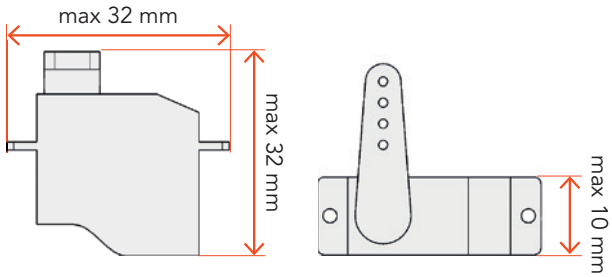
LW-PLA PLA TPU FOAM OTHER

RC Components

RECEIVER **4 channels for the Servos** (you can split one channel for the battery using a Y-cable)

BATTERY **2S LiPo Battery**, 300 to 450 mAh (**ATTENTION**: HV servos such as the Cha DS06 are required!)
or a **4.8V receiver battery**
Ideal weight ~ 44 grams (any lighter doesn't make sense, since you'd need to add lead otherwise)

SERVOS **4 piece Micro or Nano Servo** like
- CHASERVO DS06
- PICCO 8 DIGITAL SERVO
- Hitec HS 40 Eco Servo 4,8g or equivalent size



SERVO EXTENSION CABLE **200 mm**, 2 pieces
~10 mm, 2 pieces (Only necessary if the servo cables for your aileron servos are shorter than 190 mm – see page 23)

Required accessoires – basic equipment

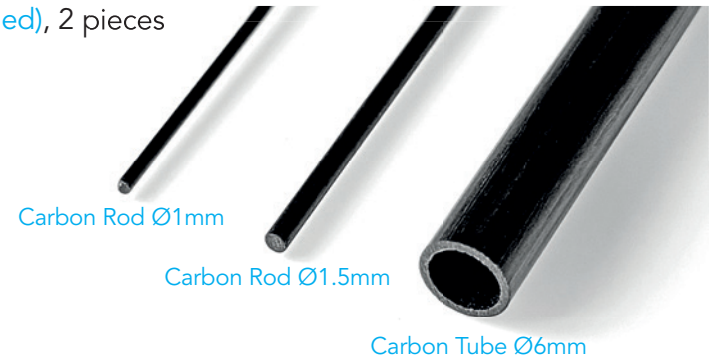
Links to recommended accessories can be found on
www.planeprint.com/accessories

- **LW-PLA (active foaming!)**, ~260 grams
- **PLA+** (Tough PLA), ~50 grams (can be replaced with technically superior materials)
- **TPU** (A95 or something like that), ~1 grams (If you don't have any TPU, you can also cut the hinges out of another flexible material)

Materials

- CA super glue (medium liquid and thin)
- CA activator
- **UHU POR** or a comparable **contact** adhesive
- **Metal Screw Countersunk head M3*16mm**, 1 piece
- **M3 Nut**, 1 piece
- **Tapping Screws 2*12mm**, 3 pieces
- **Carbon Tube Ø6mm*1000mm** (inside 5mm, thin-walled), 2 pieces
  Cut the tubes to the following lengths (mm): 680, 640
- **Carbon Rod Ø1.5mm*1000mm**, 5 pieces
- **Carbon Rod Ø1mm*1000mm**, 3 pieces
- **Steel Wire Ø0.8mm**, ~30mm
- Self-adhesive **Velcro tape**
- **Duct Tape** white
- **Lead**
- **Foam Plate** 3 mm **uncoated!**
  (KAVAN Vectopor or Foam like Depron or EPP,
  (Such boards are also available separately in model shops)
  you might also be able to use balsa wood for these parts





TOOLS Cutter knife, small Philips screwdriver, Sandpaper P150, Metal saw

The development of a complex, airworthy RC flight model to express on any standard 3D printer is a very extensive process. **Therefore, we appeal to your fairness not to forward the STL data you have acquired to third parties.**

Thank you for your understanding and have fun with your PLANEPRINT MODEL!

Printing the parts – Printing profiles

This manual is constantly being improved and supplemented, we recommend downloading the **latest version** from our website **before building**.

You can find the description at www.planeprint.com/print

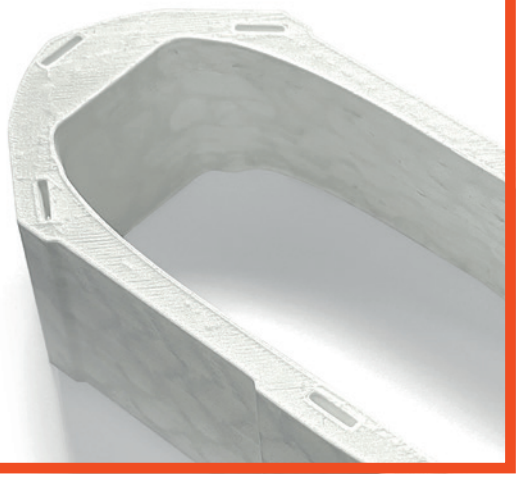
For this model you need the following profiles:

P1 P2 P4 P5

NOTE When printing the **PLANEPRINT DASH** you should pay **particular attention** to a **light weight of each** individual part!

PROFILE P5_Gyroid

It is **essential for the necessary stability** of the **LW parts printed with PROFILE_5 are as stable as possible**. Please use a test part to check the strength by fracture tests. It must not break along the layer lines under any circumstances! Also note that the printing temperature for LW-PLA is as low as possible to obtain a wall thickness of 0.4 to 0.6 mm at a flow of 60 to 70 % (depending on brand).
Caution: at too high temperatures, LW-PLA becomes brittle and breaks more easily.



PROFILE P1_Fullbody PLA+ (Tough PLA)

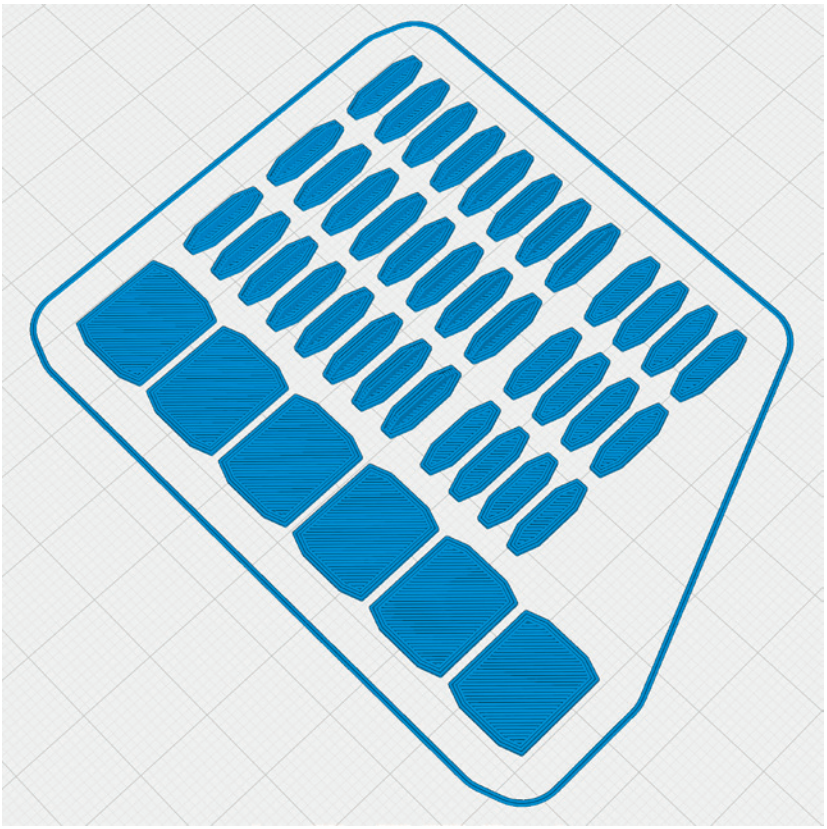
The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!

P1_Connects_dh.stl

MATERIAL PLA+, Weight: ~ 3 g

ADDITIONAL SETTINGS

None required

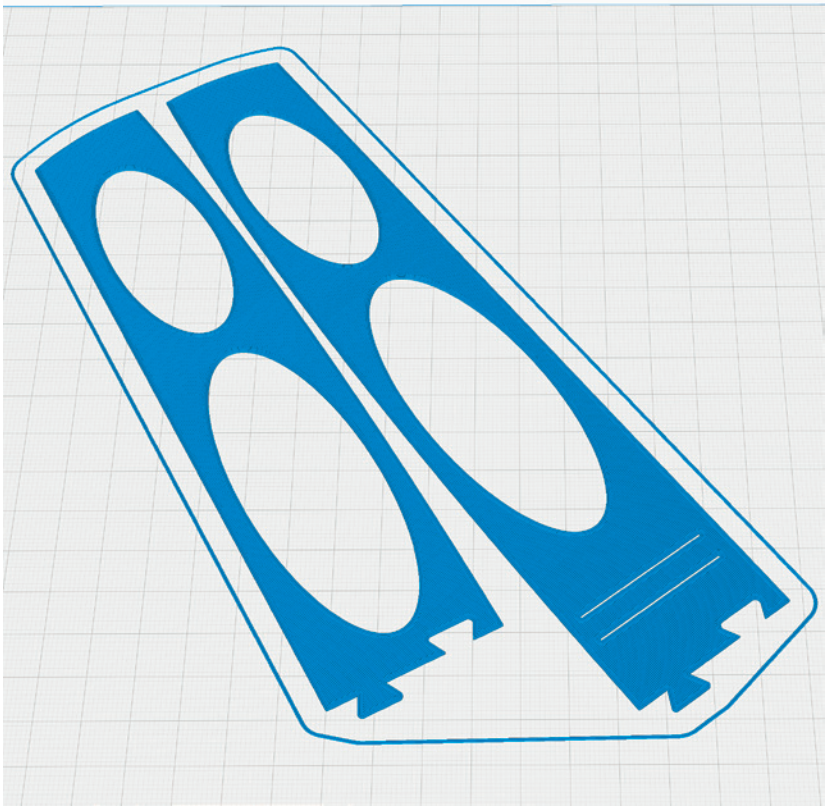


P1_Cutting Template ELE_dh.stl

MATERIAL PLA+, Weight: ~ 7 g

ADDITIONAL SETTINGS

None required



PROFILE P1_Fullbody PLA+ (Tough PLA)

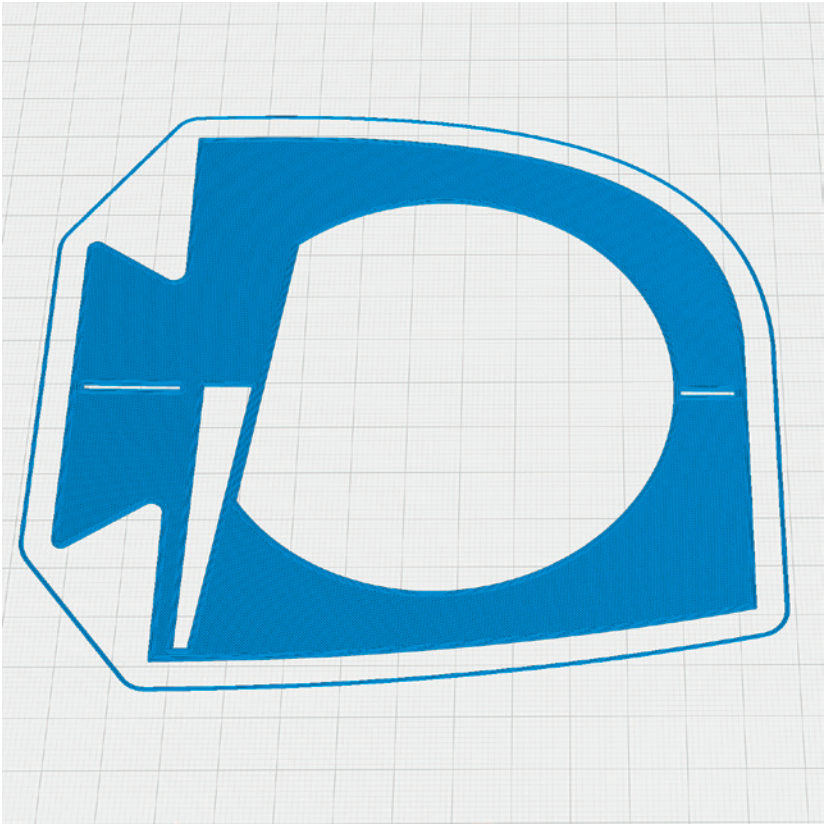
The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!

P1_Cutting Template RUD1_dh.stl

MATERIAL PLA+, Weight: ~ 4 g

ADDITIONAL SETTINGS

None required



P1_Cutting Template RUD2_dh.stl

MATERIAL PLA+, Weight: ~ 4 g

ADDITIONAL SETTINGS

None required



PROFILE P1_Fullbody PLA+ (Tough PLA)

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!

P1_Launch Pin_dh.stl

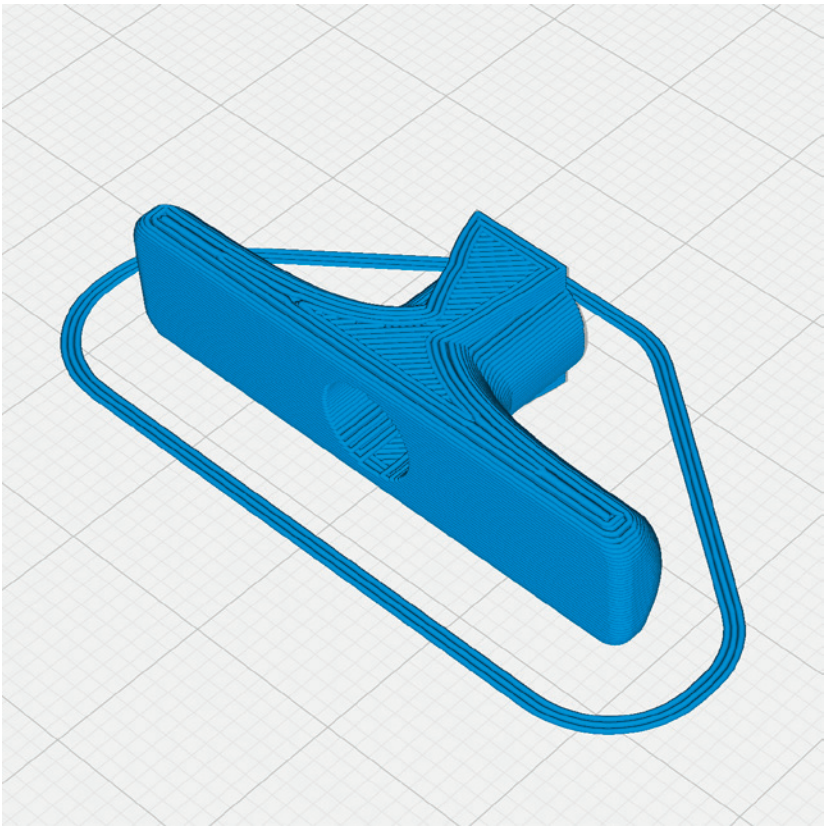
MATERIAL PLA+, Weight: ~ 2 g

ADDITIONAL SETTINGS

None required

This part is critical to safety and must be manufactured with optimal layer adhesion!

For left-handers (launch pin on the right side), the mirrored version is available in the OPTIONAL PARTS folder.



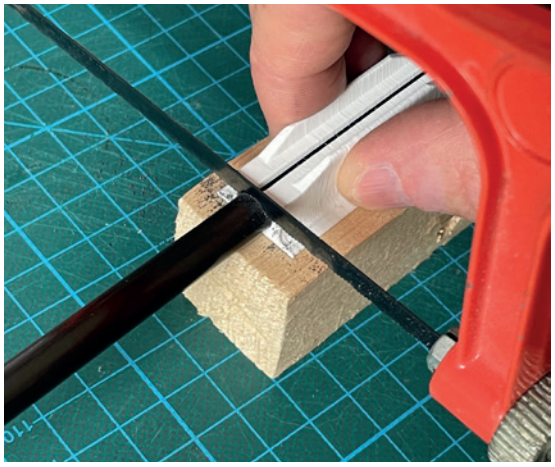
Carbon tool 6 mm.stl

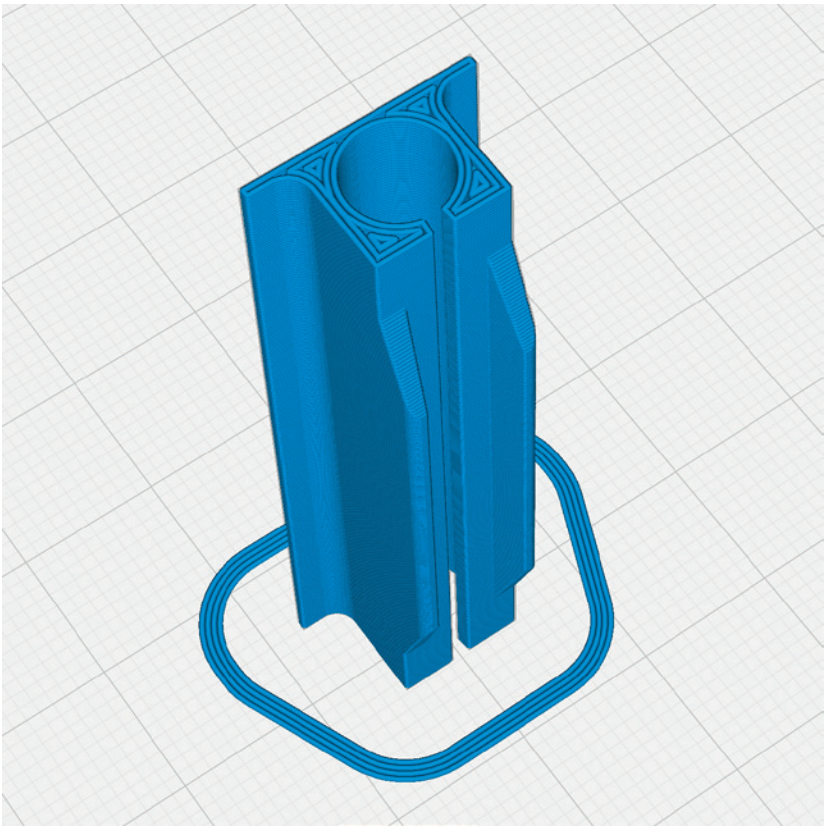
MATERIAL PLA+, Weight: ~ 4 g

ADDITIONAL SETTINGS

None required

Tool for sawing carbon tubes





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PROFILE P2_Hollowbody PLA+ (Tough PLA)

P2

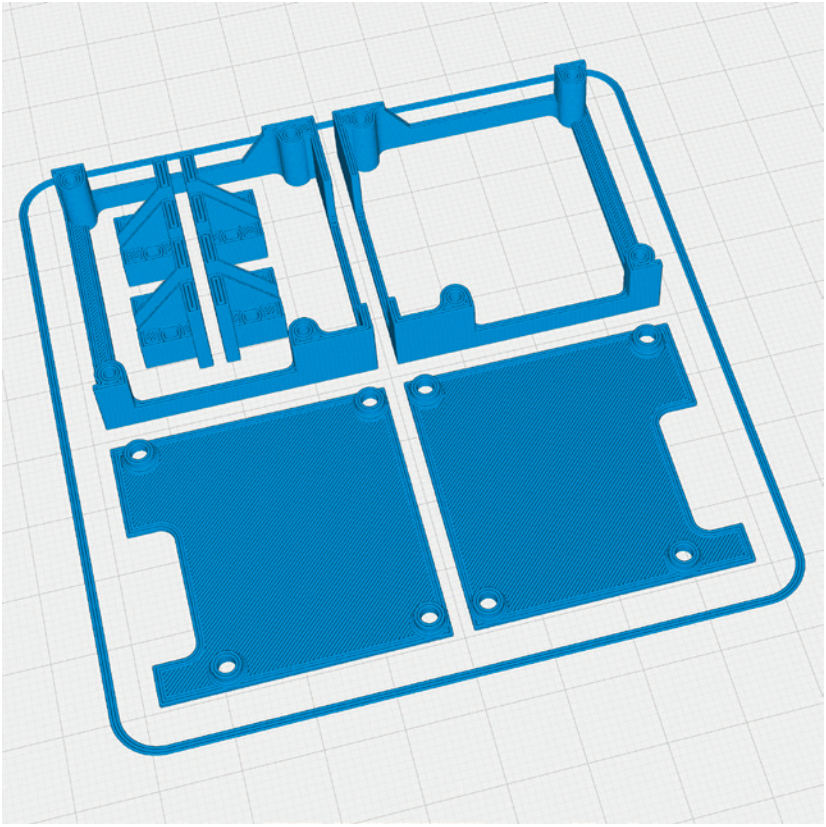
The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!

P2_Servo Mount_dh.stl

MATERIAL PLA+, Weight: ~ 8 g

ADDITIONAL SETTINGS

None required

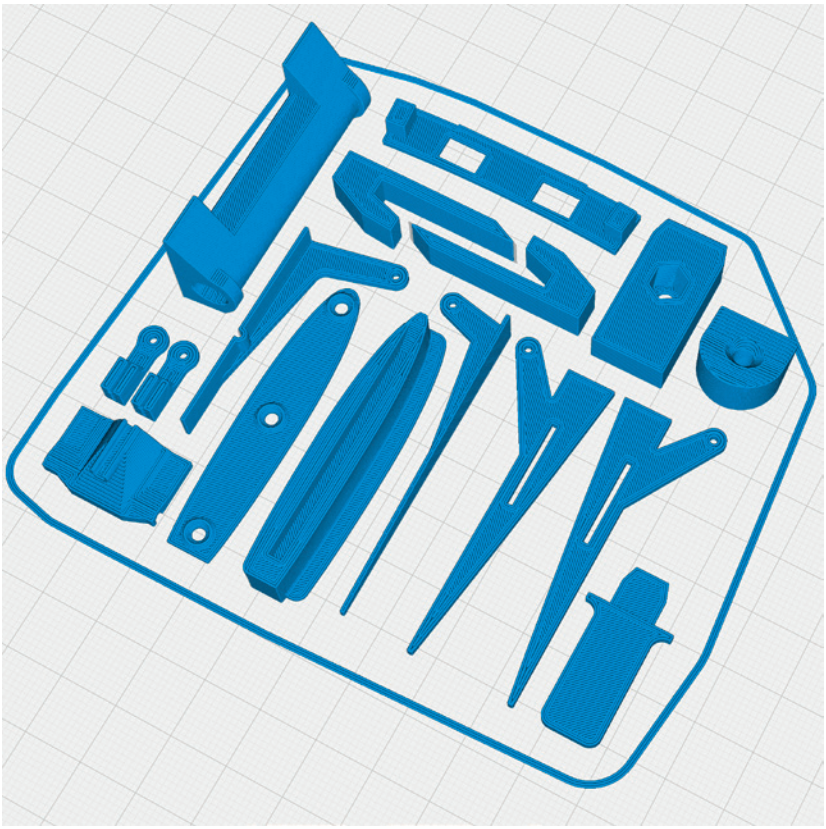


P2_Parts_dh.stl

MATERIAL PLA+, Weight: ~ 14 g

ADDITIONAL SETTINGS

Make sure the layers adhere very well
(raise the temperature slightly)



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PROFILE P4_Flex TPU A95

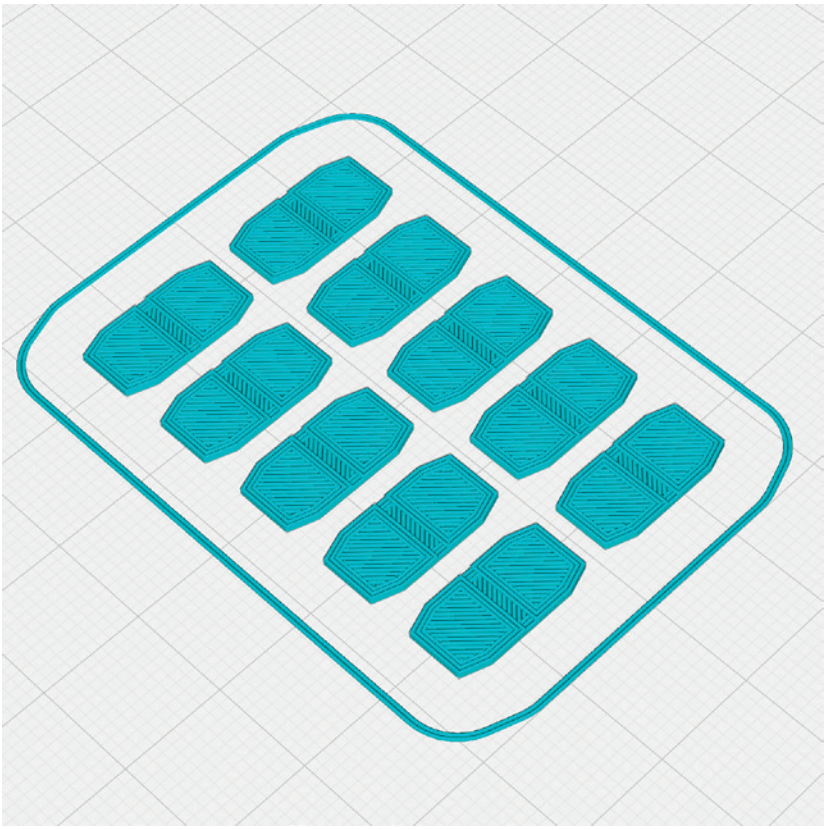
The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!

P4_Hinges_dh.stl

MATERIAL TPU, Weight: ~ 1 g

ADDITIONAL SETTINGS

None required



PROFILE P5_Gyroid LW-PLA (foaming)!

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

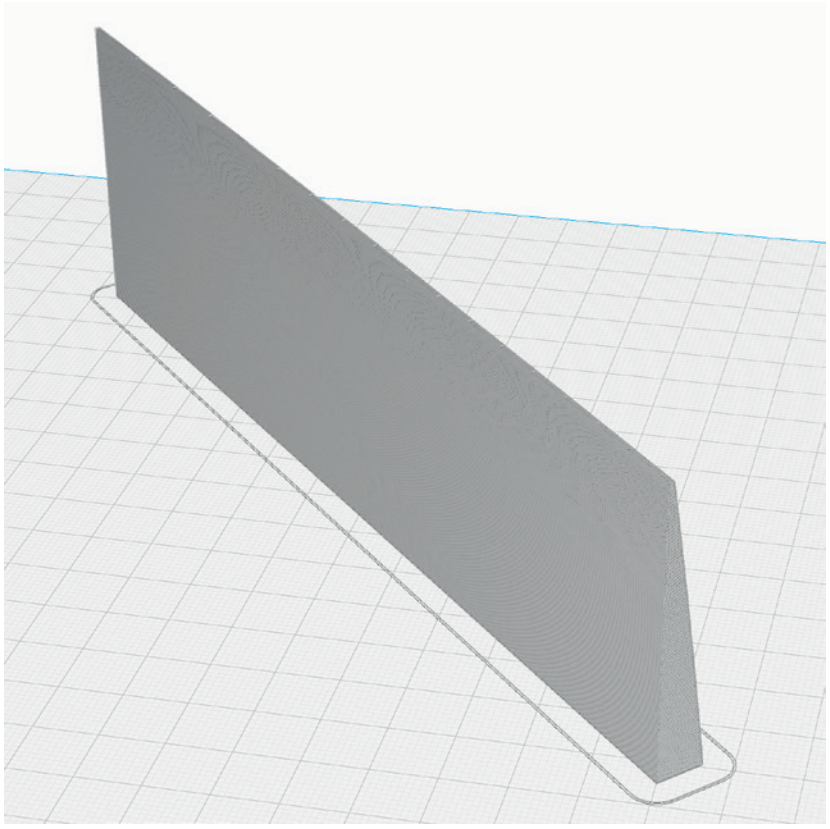
P5_AIL L1_dh.stl and P5_AIL R1_dh.stl

MATERIAL LW PLA, Weight: ~ 5.5 g

TIME ~ 1 hour

ADDITIONAL SETTINGS

- Infill Density: **5 %**



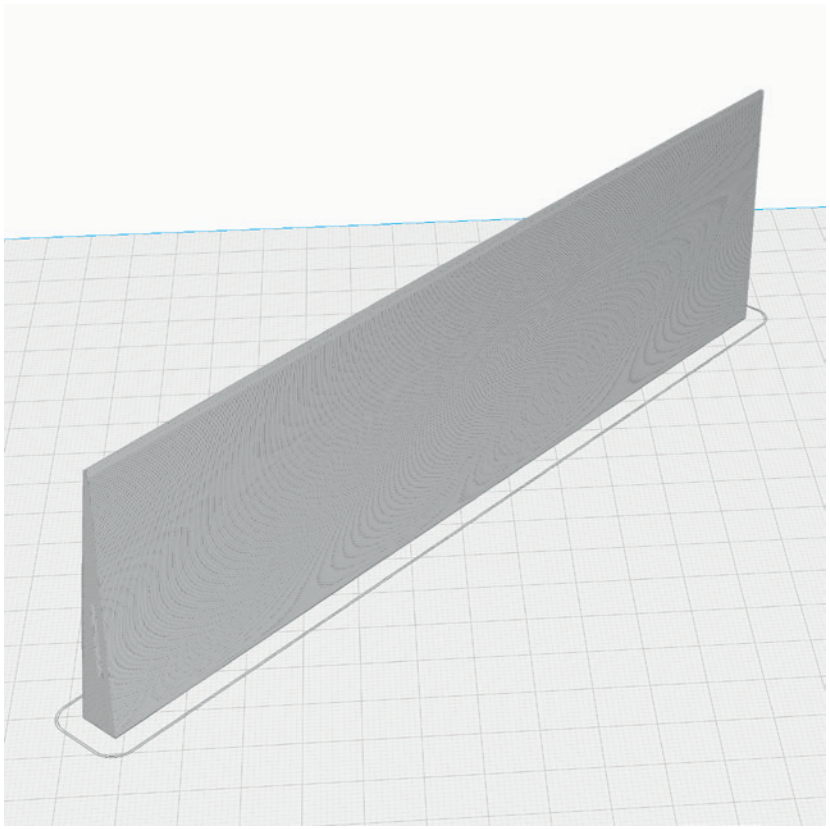
P5_AIL L2_dh.stl and P5_AIL R2_dh.stl

MATERIAL LW PLA, Weight: ~ 5.9 g

TIME ~ 1 hour

ADDITIONAL SETTINGS

- Infill Density: **5 %**



PROFILE P5_Gyroid LW-PLA (foaming)!

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

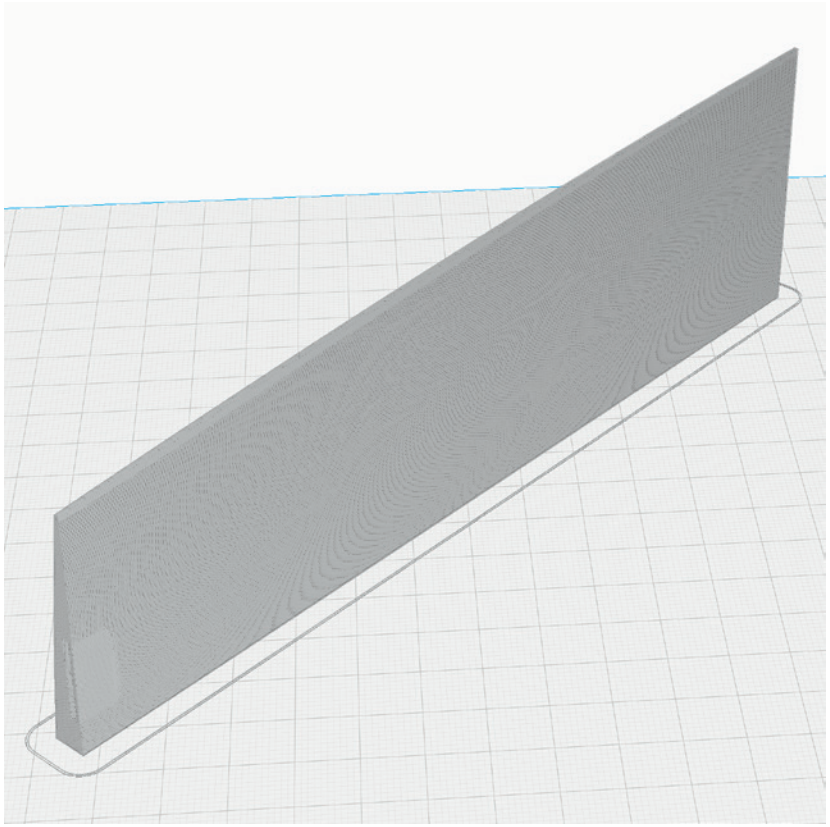
P5_AIL L3_dh.stl and P5_AIL R3_dh.stl

MATERIAL LW PLA, Weight: ~ 5.3 g

TIME ~ 1 hour

ADDITIONAL SETTINGS

- Infill Density: **5 %**



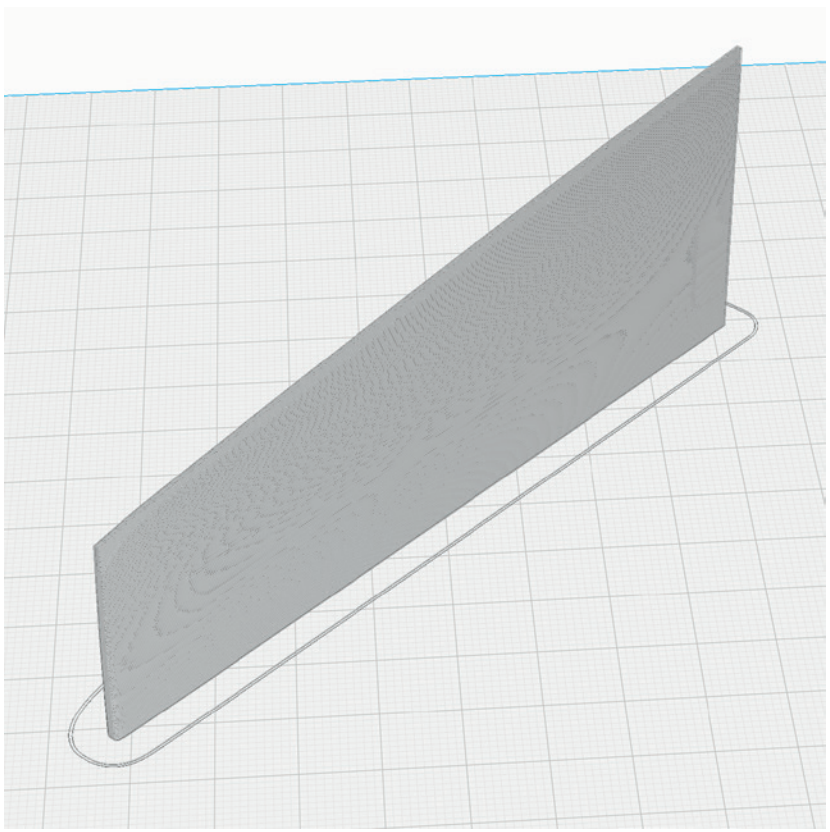
P5_AIL L4_dh.stl and P5_AIL R4_dh.stl

MATERIAL LW PLA, Weight: ~ 2.5 g

TIME ~ 35 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**



PROFILE P5_Gyroid LW-PLA (foaming)!

P5

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

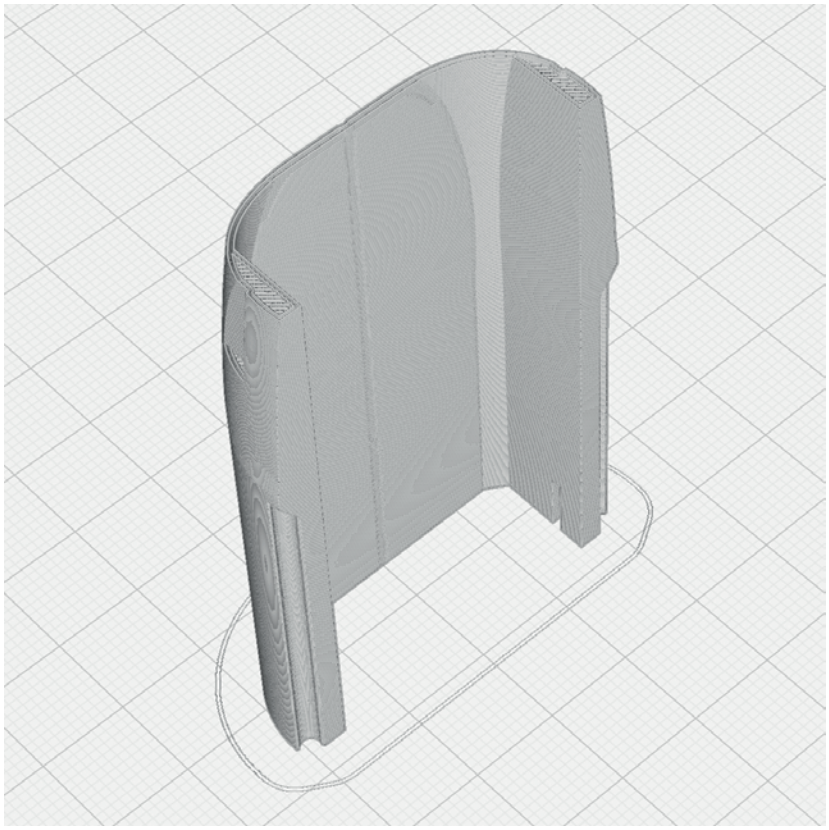
P5_FUS1_dh.stl

MATERIAL LW PLA, Weight: ~ 2 g

TIME ~ 45 minutes

ADDITIONAL SETTINGS

- Infill Density: **8 %**



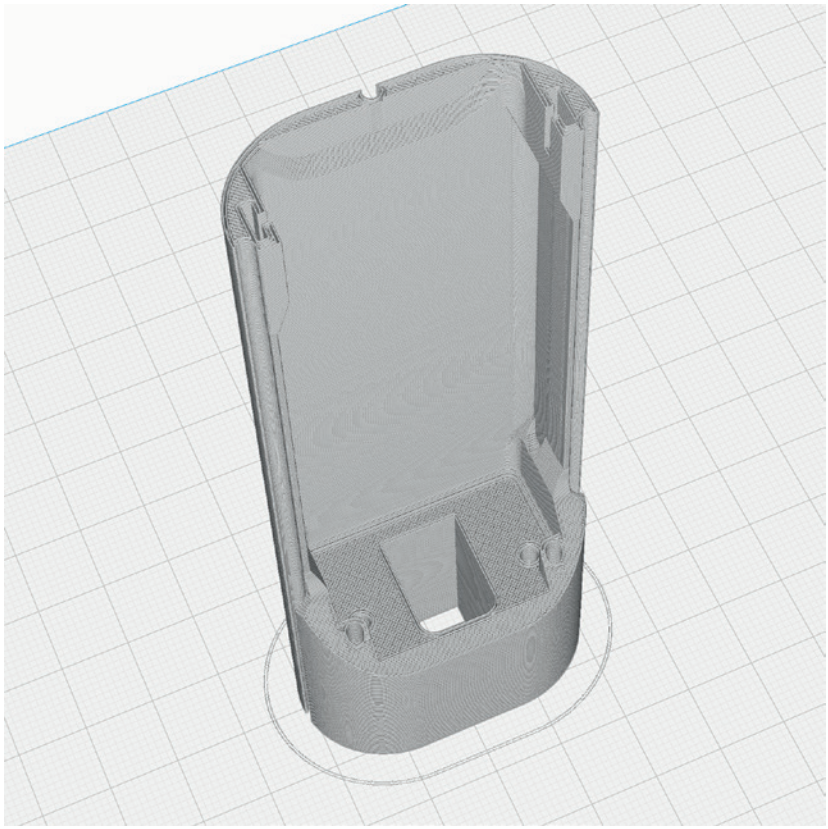
P5_FUS2_dh.stl

MATERIAL LW PLA, Weight: ~ 9 g

TIME ~ 1 hour 30 minutes

ADDITIONAL SETTINGS

- Infill Density: **8 %**



PROFILE P5_Gyroid LW-PLA (foaming)!

P5

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

P5_FUS3_dh.stl

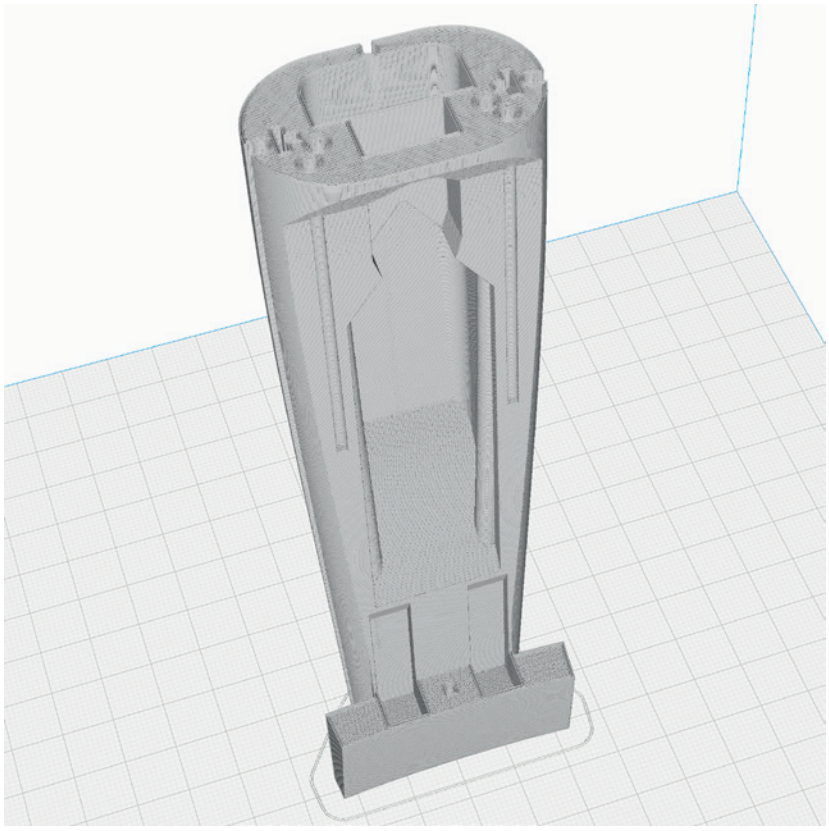
MATERIAL LW PLA, Weight: ~ 10 g

TIME ~ 2 hours

ADDITIONAL SETTINGS

- Infill Density: **8 %**

TIP If you're having trouble with adhesion to the build plate, use a 15mm brim.



P5_FUS4_dh.stl

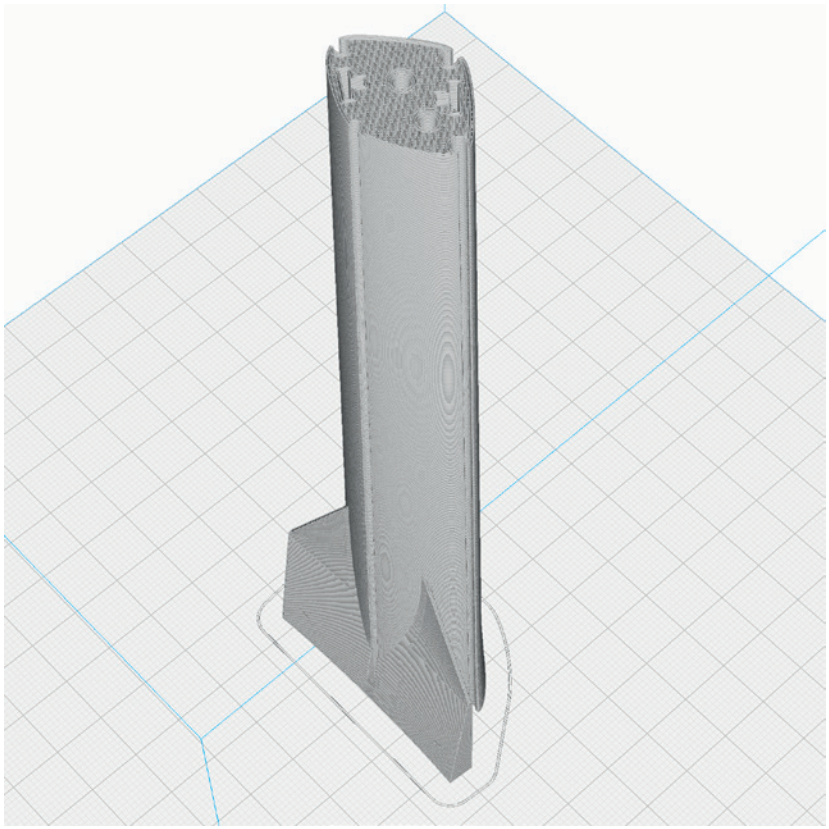
MATERIAL LW PLA, Weight: ~ 7.5 g

TIME ~ 1 hour 40 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**

TIP If you're having trouble with adhesion to the build plate, use a 15mm brim.



PROFILE P5_Gyroid LW-PLA (foaming)!

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

P5_FUS5_dh.stl

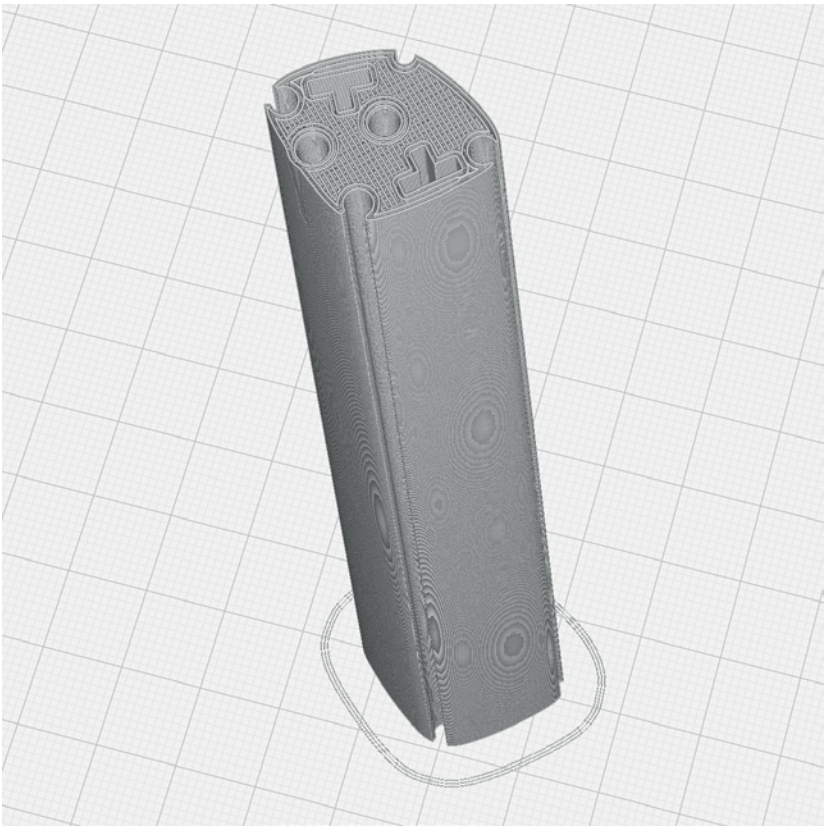
MATERIAL LW PLA, Weight: ~ 5 g

TIME ~ 1 hour 30 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**

TIP If you're having trouble with adhesion to the build plate, use a 15mm brim.



P5_FUS6_dh.stl

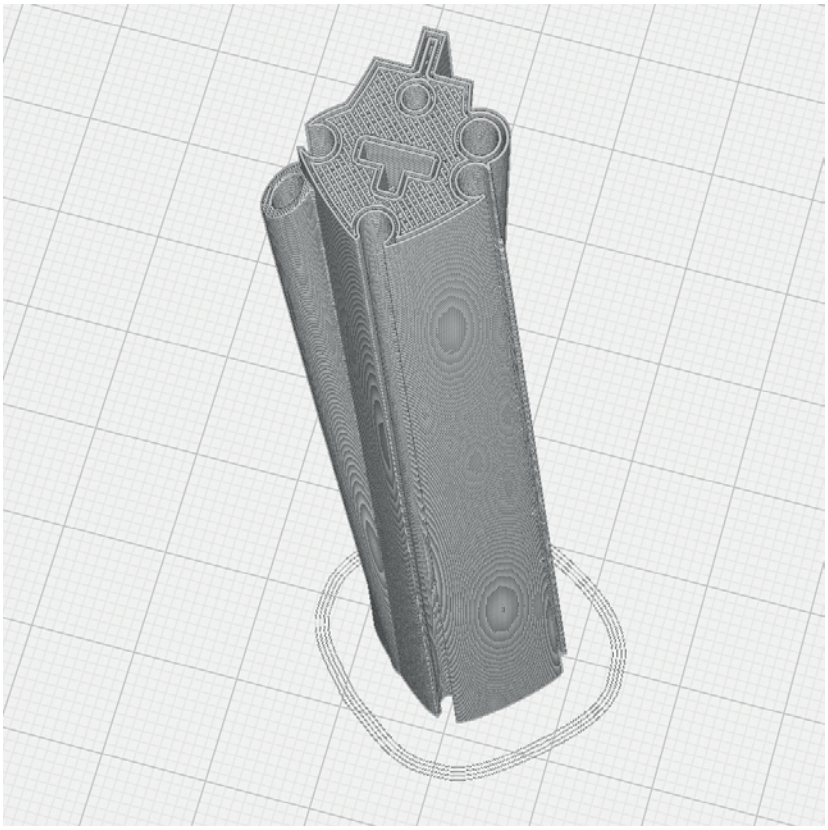
MATERIAL LW PLA, Weight: ~ 3.3 g

TIME ~ 1 hour

ADDITIONAL SETTINGS

- Infill Density: **5 %**

TIP If you're having trouble with adhesion to the build plate, use a 15mm brim.
For this part, there is a version with support in the OPTIONAL PARTS folder.



PROFILE P5_Gyroid LW-PLA (foaming)!

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

P5_FUS7_dh.stl

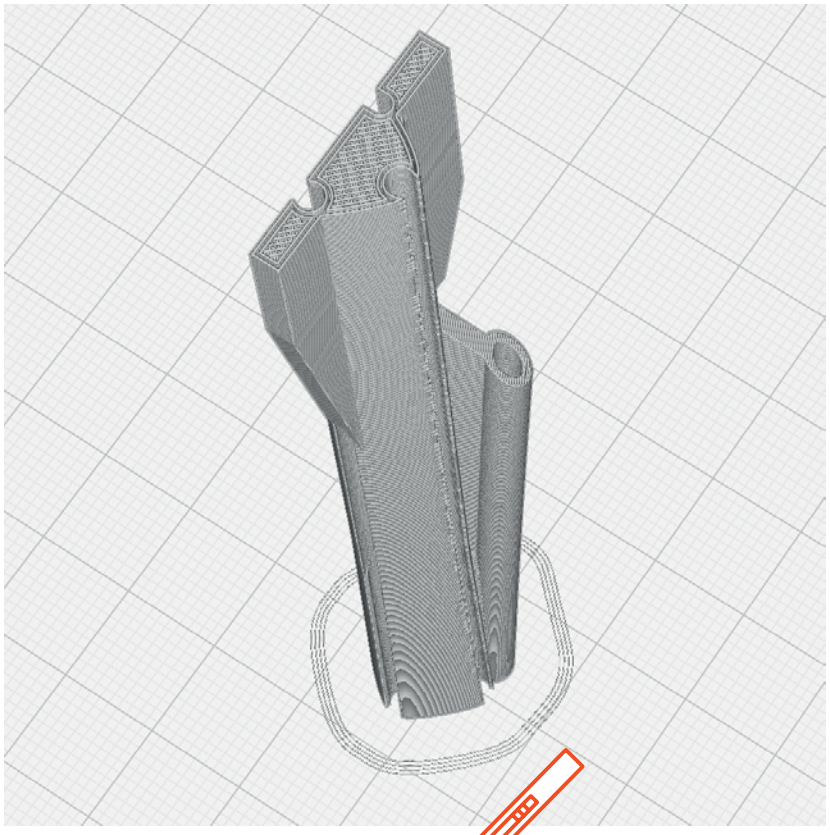
MATERIAL LW PLA, Weight: ~ 2.7 g

TIME ~ 50 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**

TIP If you're having trouble with adhesion to the build plate, use a 15mm brim.
For this part, there is a version with support in the OPTIONAL PARTS folder.



P5_HS_dh.stl

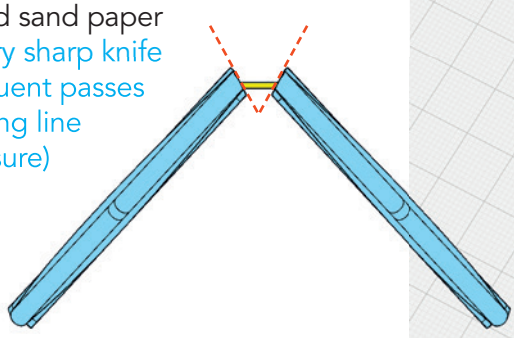
MATERIAL LW PLA, Weight: ~ 12.5 g

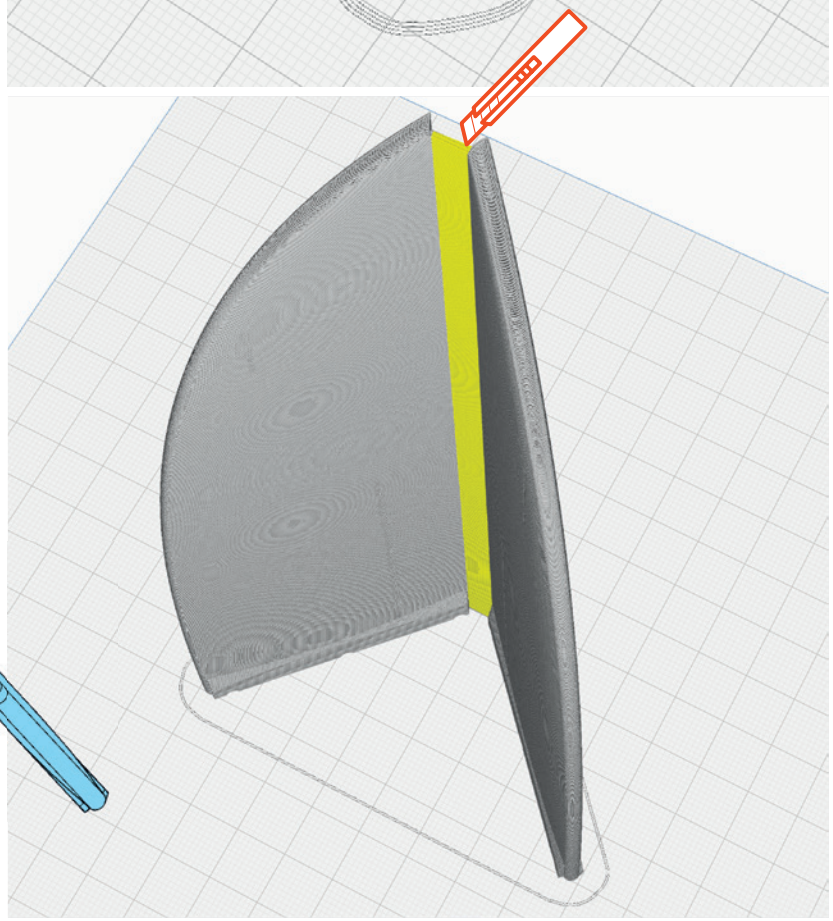
TIME ~ 2 hours 10 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**

Remove the yellow-marked **support** with a knife and sand paper (Use a new, very sharp knife and make frequent passes along the cutting line with light pressure)





These parts are also available individually in the OPTIONAL PARTS folder.

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PROFILE P5_Gyroid LW-PLA (foaming)!

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

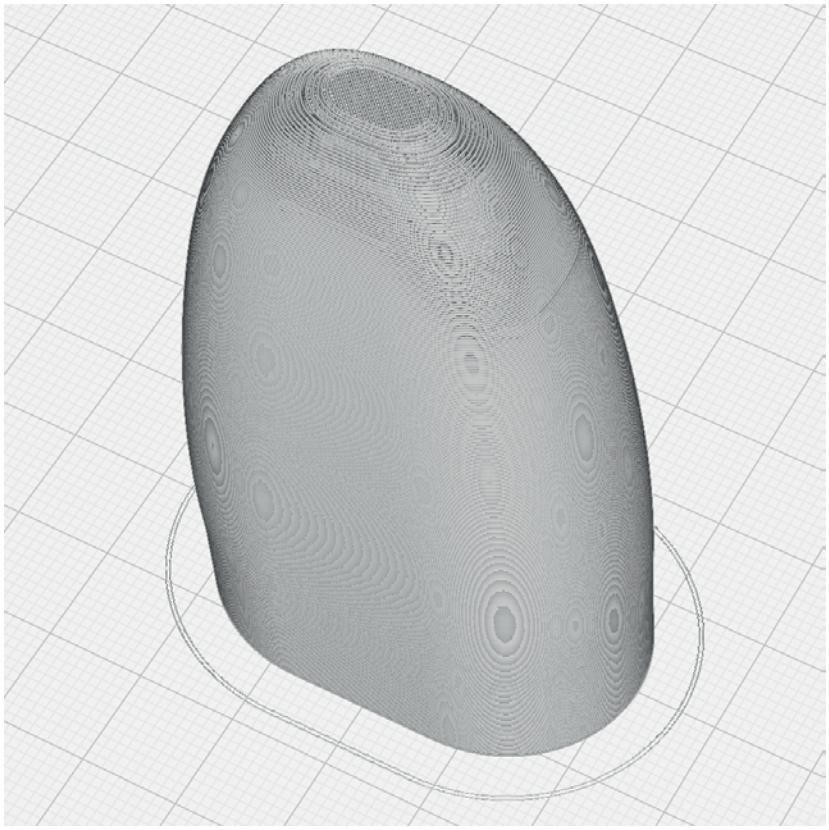
P5_Nose1_dh.stl

MATERIAL LW PLA, Weight: ~ 3 g

TIME ~ 50 minutes

ADDITIONAL SETTINGS

- Seam Position: **back/rear**
- set **Brim**



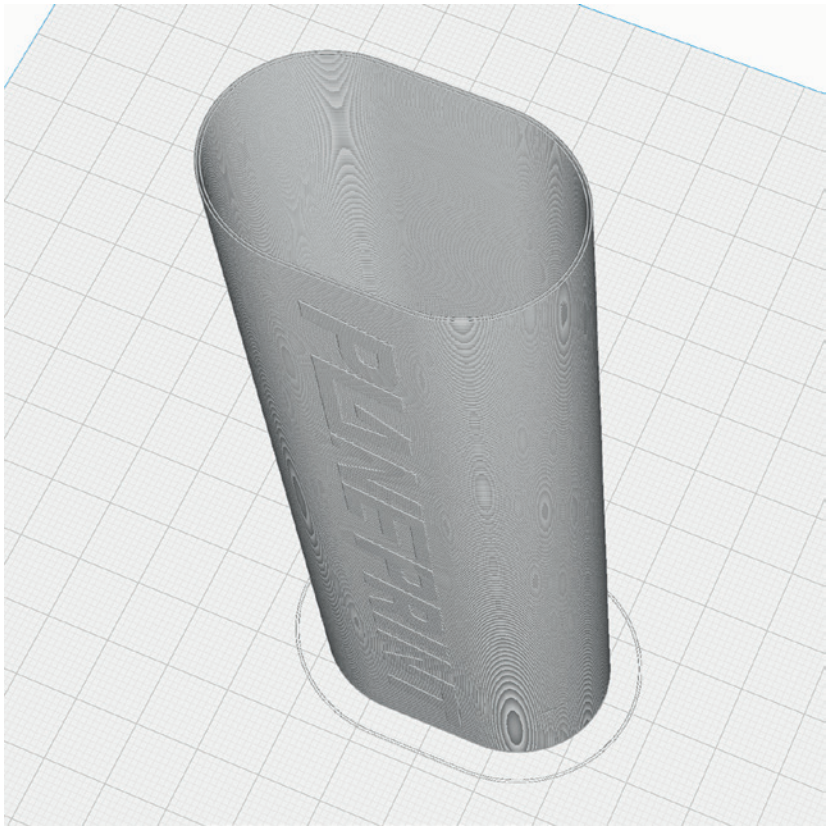
P5_Nose2_dh.stl

MATERIAL LW PLA, Weight: ~ 6.5 g

TIME ~ 1 hour 40 minutes

ADDITIONAL SETTINGS

- Seam Position: **back/rear**
- set **Brim**



PROFILE P5_Gyroid LW-PLA (foaming)!

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

P5_Wing center_dh.stl

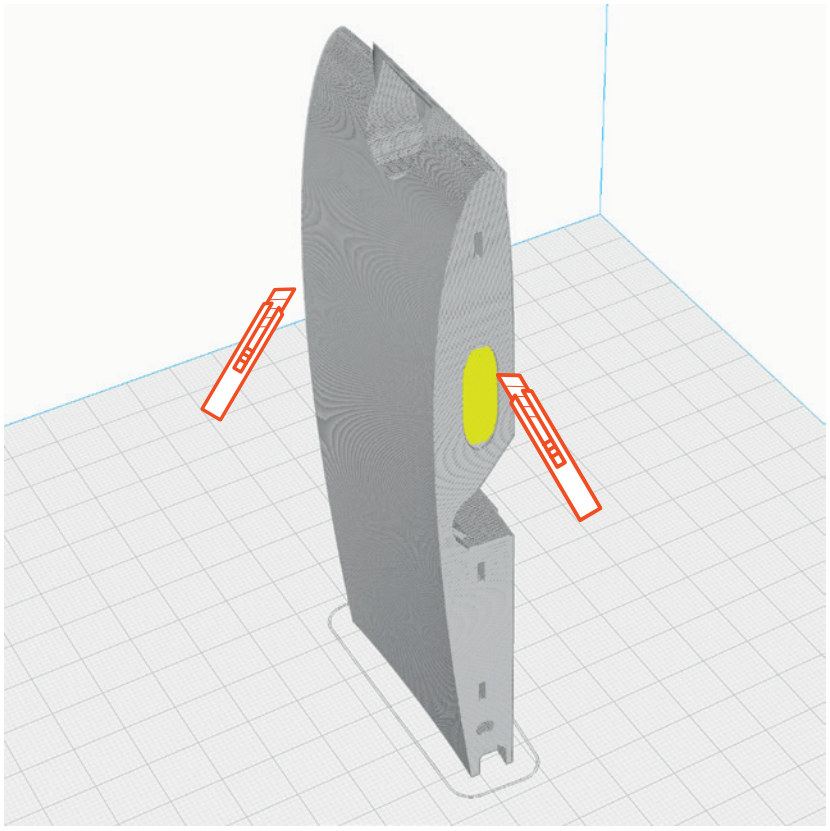
MATERIAL LW PLA, Weight: ~ 6.3 g

TIME ~ 1 hour 25 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**

Remove the yellow-marked **support** with a knife (on both sides)
(Use a new, very sharp knife and make frequent passes along the cutting line with light pressure)



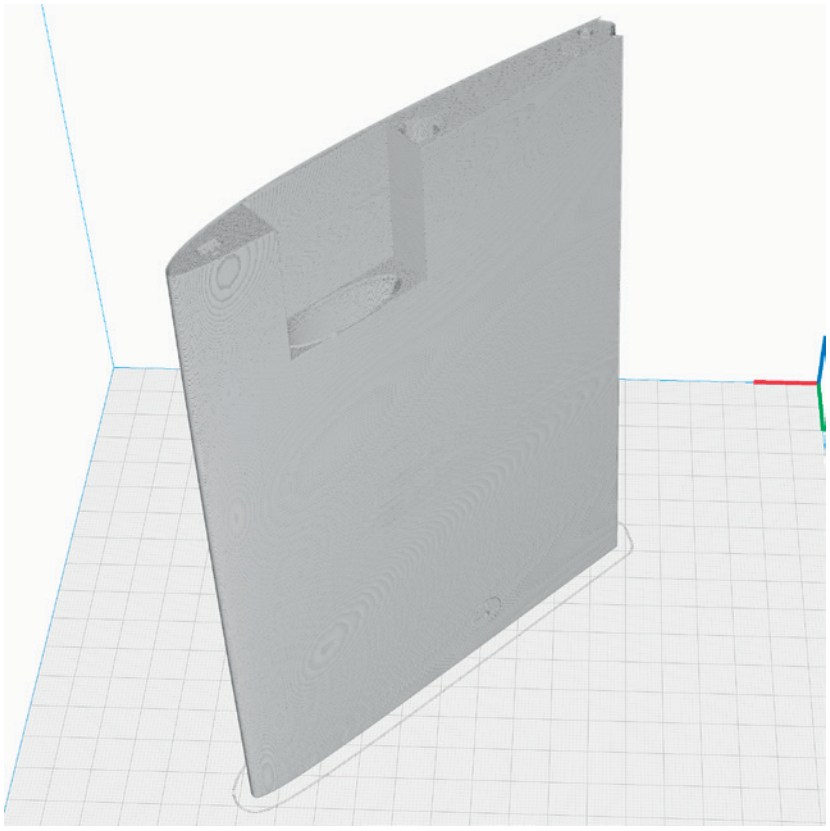
P5_Wing L1_dh.stl and P5_Wing R1_dh.stl

MATERIAL LW PLA, Weight: ~ 25 g

TIME ~ 3 hours 30 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**



PROFILE P5_Gyroid LW-PLA (foaming)!

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

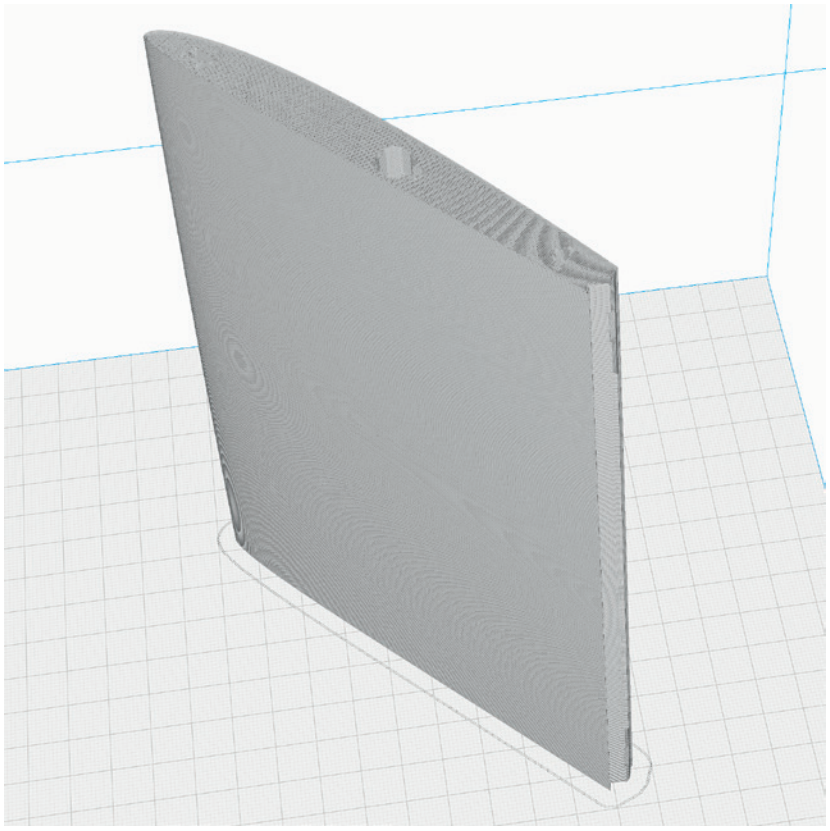
P5_Wing L2_dh.stl and P5_Wing R2_dh.stl

MATERIAL LW PLA, Weight: ~ 22 g

TIME ~ 3 hours

ADDITIONAL SETTINGS

- Infill Density: **5 %**



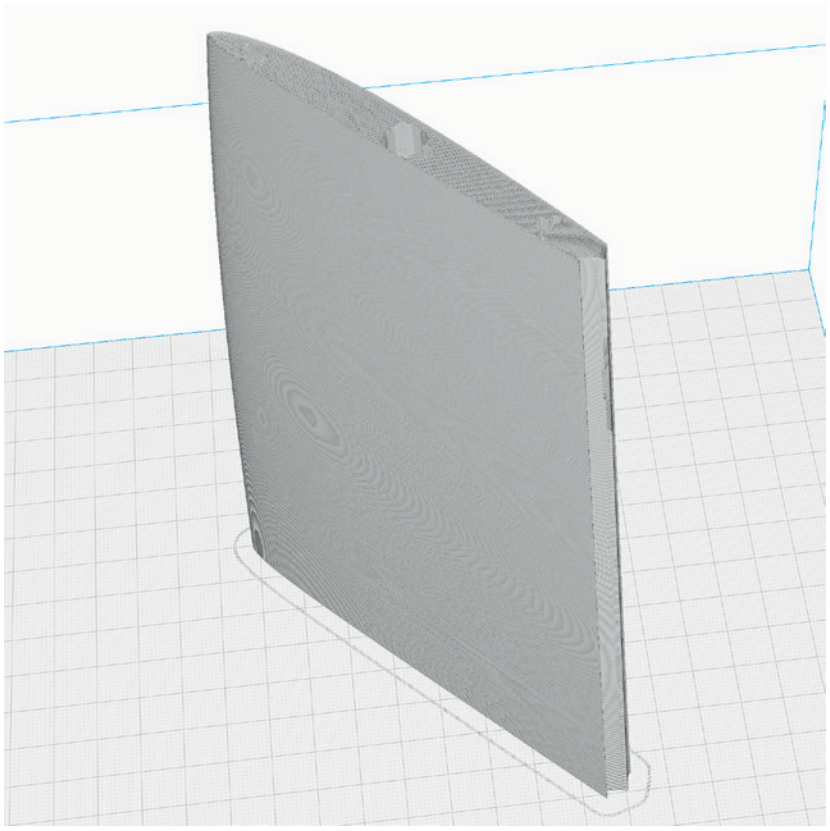
P5_Wing L3_dh.stl and P5_Wing R3_dh.stl

MATERIAL LW PLA, Weight: ~ 18 g

TIME ~ 2 hours 30 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**



PROFILE P5_Gyroid LW-PLA (foaming)!

The information about the basic settings you can find on our website at PRINT.
Please note the additional settings for the individual parts!
It is essential to print these parts with foaming LW-PLA (pre-foamed is heavier)!

Basic settings for LW-PLA: Please follow the instructions in our **WINGTEST AND CALIBRATION TOOL** on our website for correct adjustment! Print only one STL at a time!

P5_Wing L4_dh.stl and P5_Wing R4_dh.stl

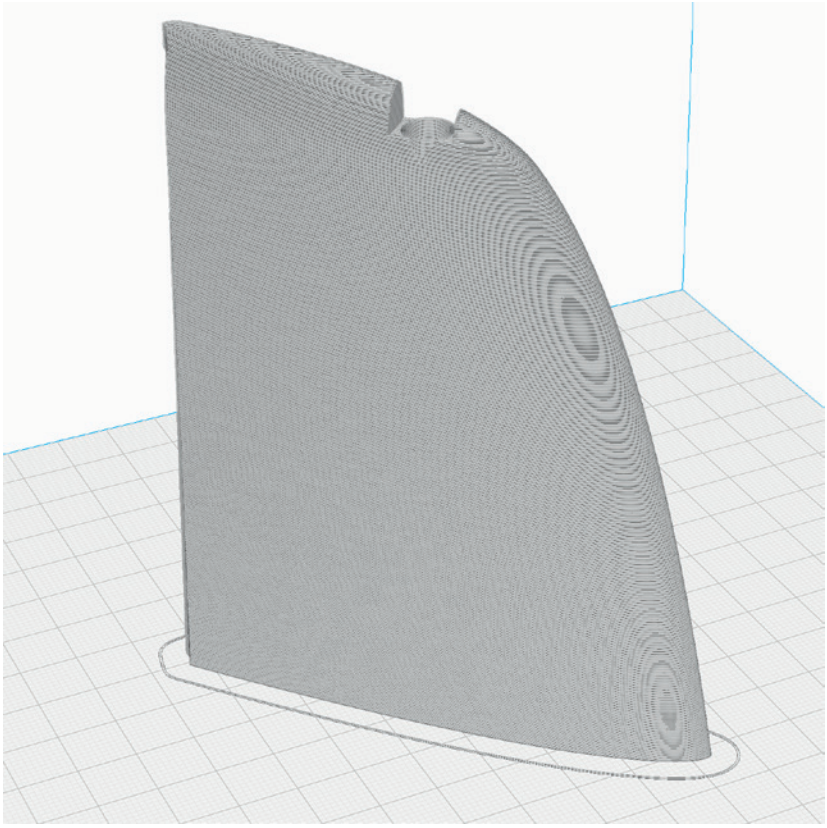
MATERIAL LW PLA, Weight: ~ 9 g

TIME ~ 1 hour 20 minutes

ADDITIONAL SETTINGS

- Infill Density: **5 %**

For left-handers (launch pin on the right side), the mirrored version is available in the OPTIONAL PARTS folder.



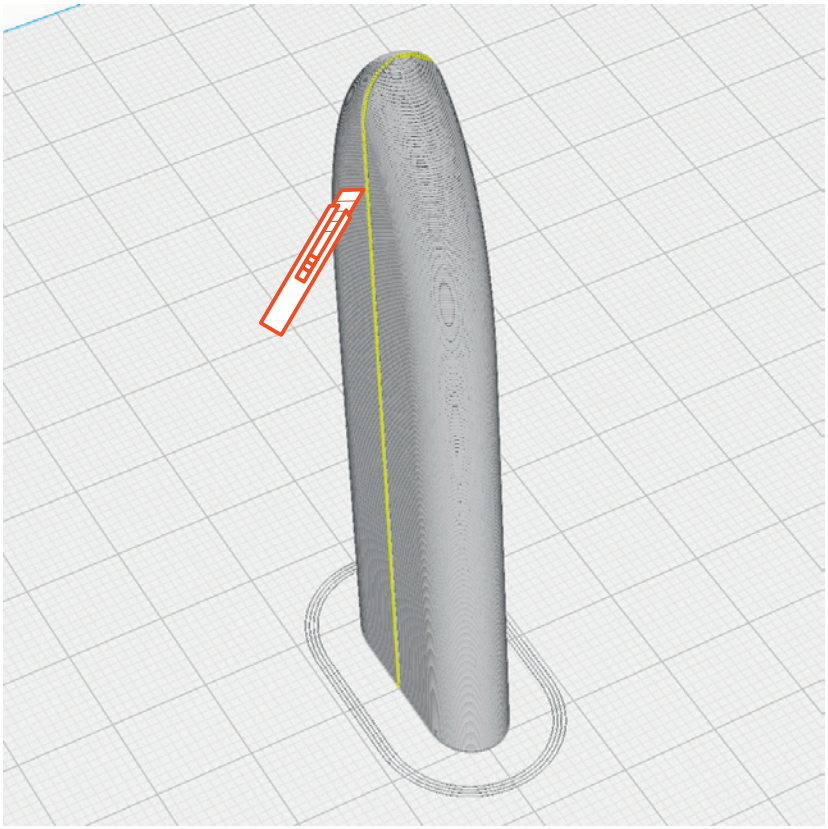
Vase_Servocovers_dh.stl

MATERIAL LW PLA, Weight: ~ 1.3 g

ADDITIONAL SETTINGS

- **Spiralize Outer Contour** (Cura)/ **Spiral Vase** (Bambu, Prusa)

Cut along the yellow line with a knife
(Use a new, very sharp knife and make frequent passes along the cutting line with light pressure)



Basic Information:

Gluing the parts printed with PROFILE P5

STEP 1 As a first step, it is important to **roughen and smooth the adhesive surfaces** with sandpaper.

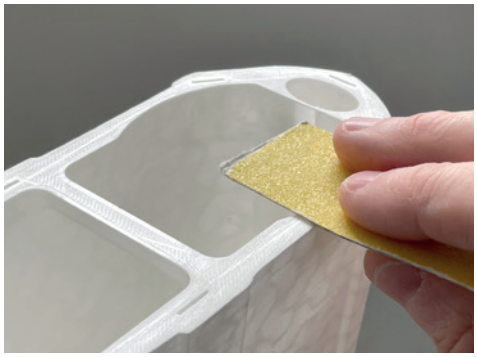
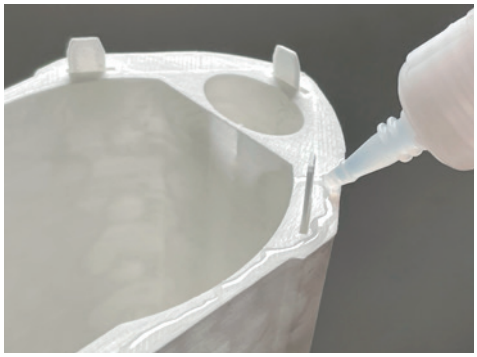
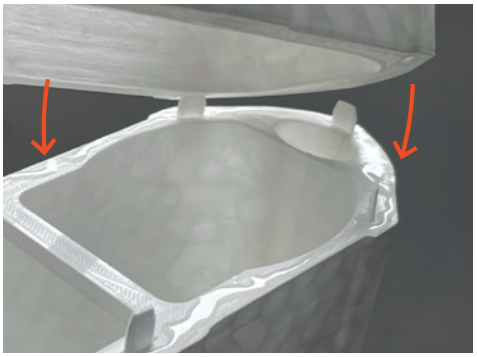
STEP 2 Insert the **interconnects into the slots** provided on one side.

STEP 3 Apply **a lot of glue** to the side with the interconnects. It is important that there is glue everywhere, especially on the outside and inside of the wall surfaces, in order to achieve a perfect connection. The interconnects only serve to align the parts to each other. It is better **not** to apply glue here, otherwise it can happen that the glue suddenly hardens while the parts are being put together and stops the process.

Use medium viscosity CA glue, thinner glue would run down the parts too easily.

After assembly, **align the two parts exactly** and wipe off the excess CA glue from the surface with a cloth. Now spray with activator spray along the gluing surface and carefully press the parts together.

STEP 4 Clean the glued areas slightly with a **sharp-bladed** cutter.

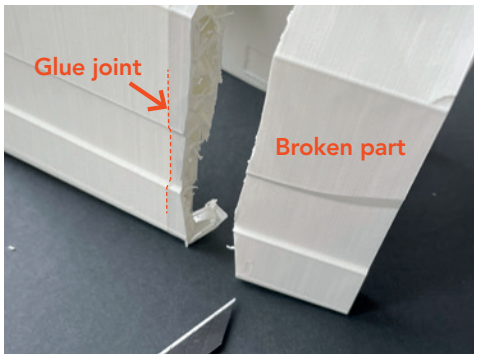




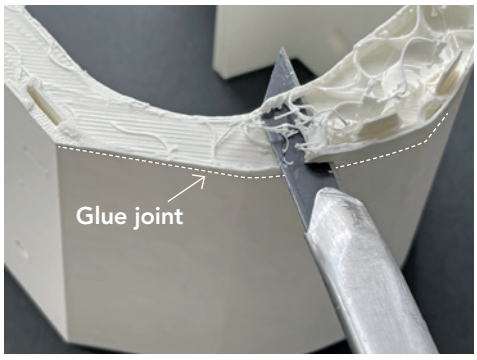
PROFILES 5 parts are easy to repair

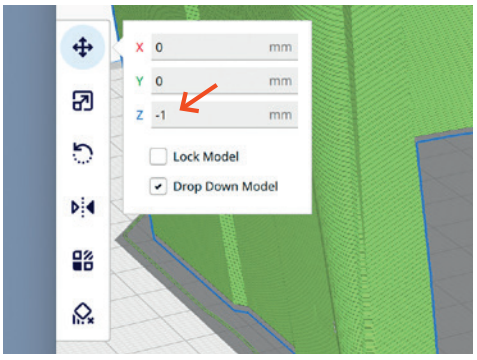
STEP 1 Using the knife, carefully remove the damaged part about 3 mm from the glue joint between two parts.

STEP 2 Cut wall and infill and clean the surface with sandpaper. **The top surface of the damaged part remains!**

STEP 3 The remaining top surface is about 1 mm thick. To compensate for this, you can move the new part to be printed down the Z axis in Cura by 1 mm.





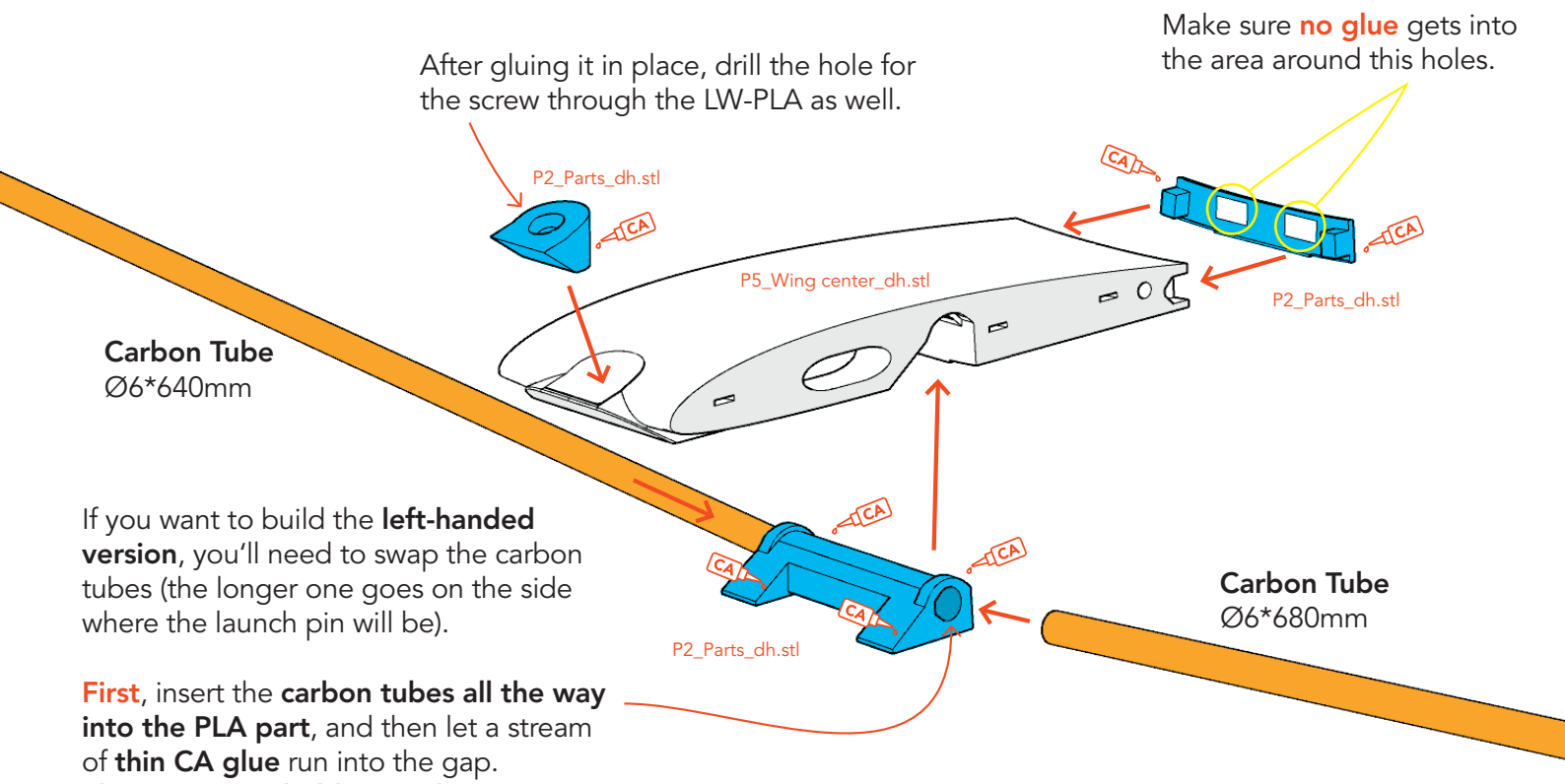


Wing Assembly right-handed version (Launch Pin left)

For the **left-handed version**, use the STL files in the **OPTIONAL PARTS** folder.

CA medium CA thin

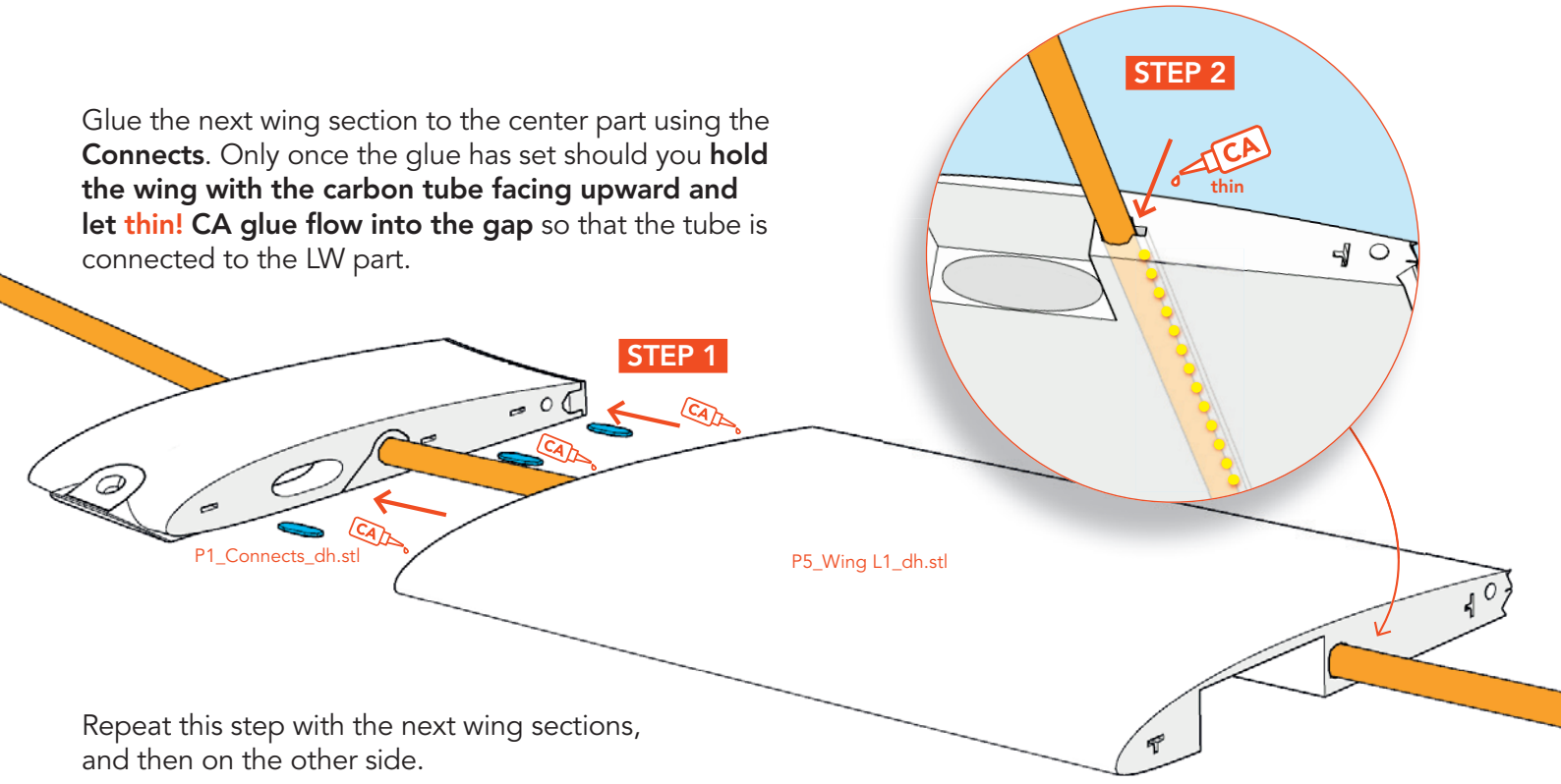
TIP Always put all parts together BEFORE gluing and check that everything runs smoothly and fits exactly.



If you want to build the **left-handed version**, you'll need to swap the carbon tubes (the longer one goes on the side where the launch pin will be).

First, insert the **carbon tubes all the way into the PLA part**, and then let a stream of **thin CA glue** run into the gap.
This joint must hold securely.

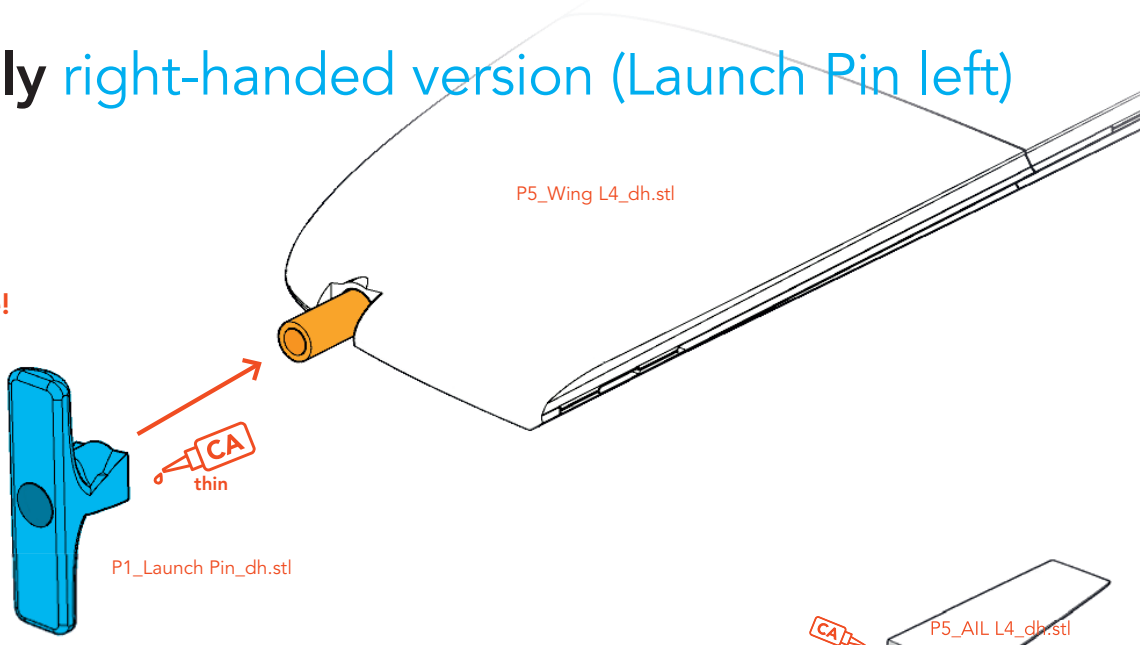
Glue the next wing section to the center part using the **Connects**. Only once the glue has set should you **hold the wing with the carbon tube facing upward and let thin! CA glue flow into the gap** so that the tube is connected to the LW part.



Repeat this step with the next wing sections, and then on the other side.

Wing Assembly right-handed version (Launch Pin left)

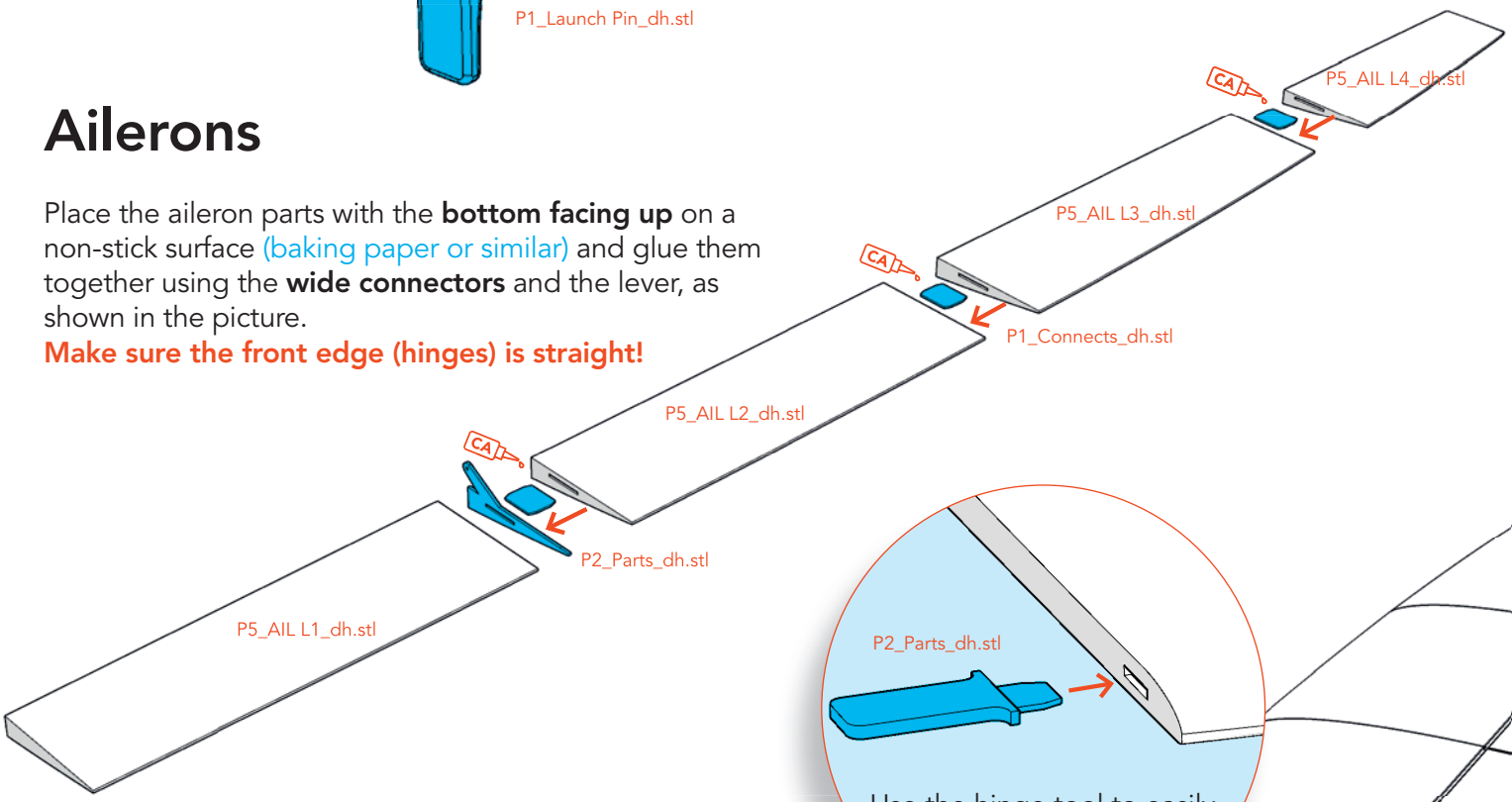
Make sure to glue the launch pin securely in place!



Ailerons

Place the aileron parts with the **bottom facing up** on a non-stick surface (baking paper or similar) and glue them together using the **wide connectors** and the lever, as shown in the picture.

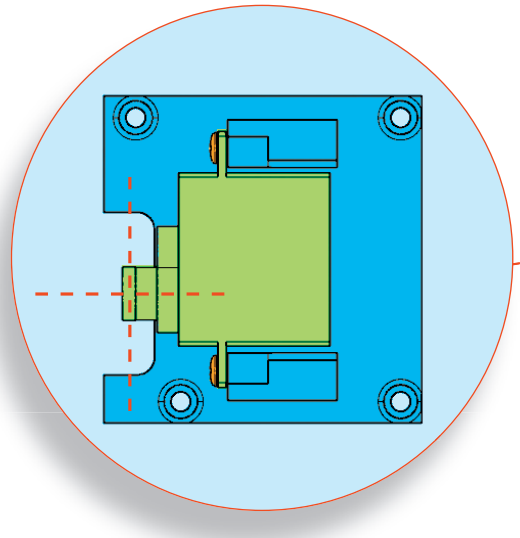
Make sure the front edge (hinges) is straight!

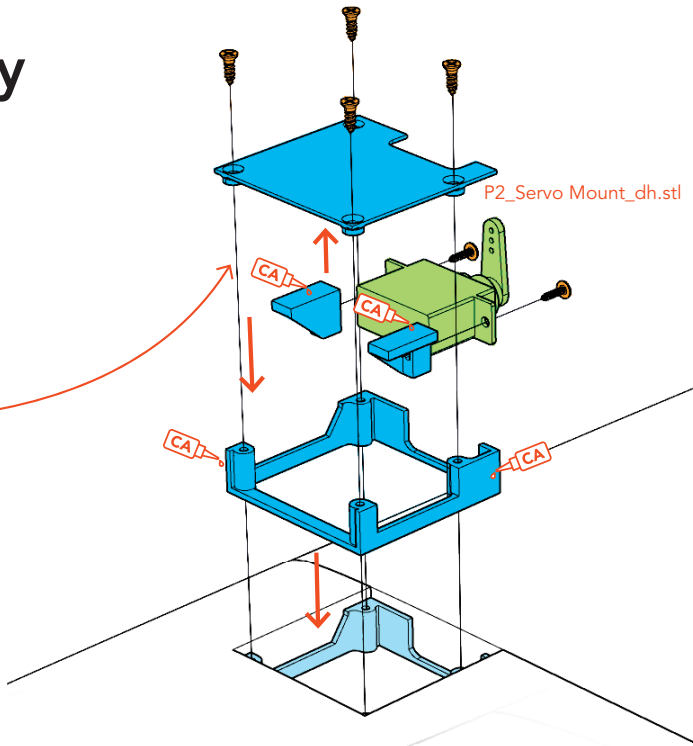


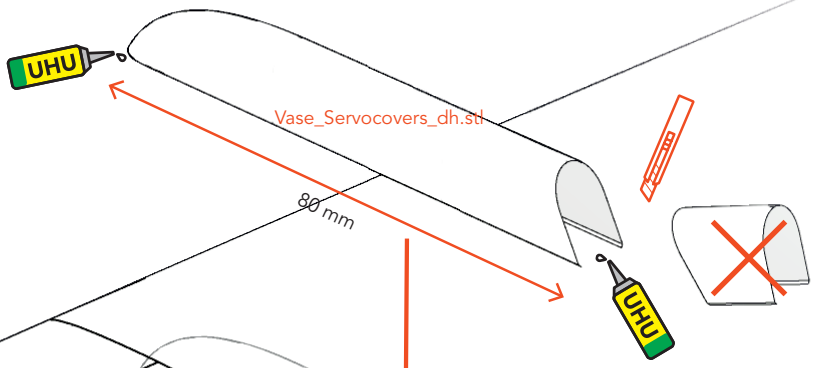
Installing the TPU Hinges: First insert the hinges into the **Aileron** and add a drop of **thin CA glue** into the gaps. Wait for the glue to drain completely, then spray the activator on it. Then put the Aileron to the **Wing** until the **spacer** (yellow) is touched and put a drop of **thin CA glue** on the hinges. Wait again for the glue to run in, and then spray the activator on it.

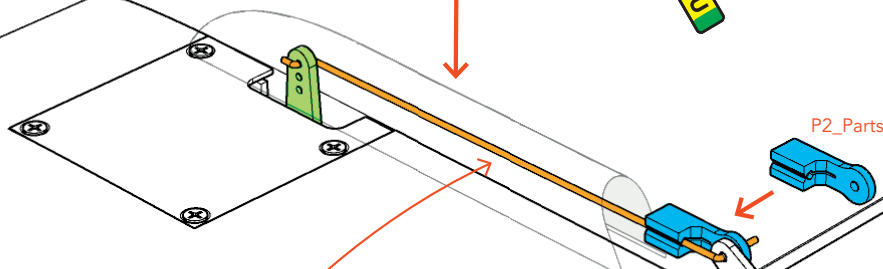
Do not use too much glue, the Aileron must move easily!

Aileron Servo Assembly







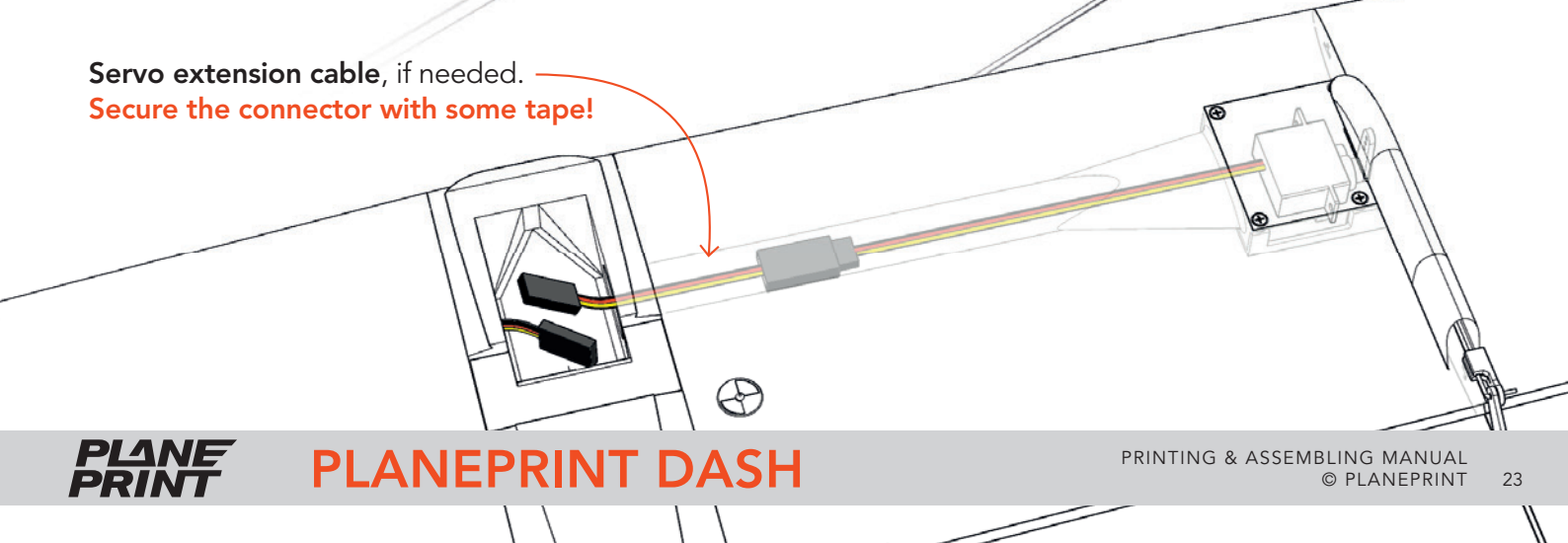




Steel wire Ø0.8*~78mm*

*The exact length depends on the position of the servo lever.

Servo extension cable, if needed.
Secure the connector with some tape!

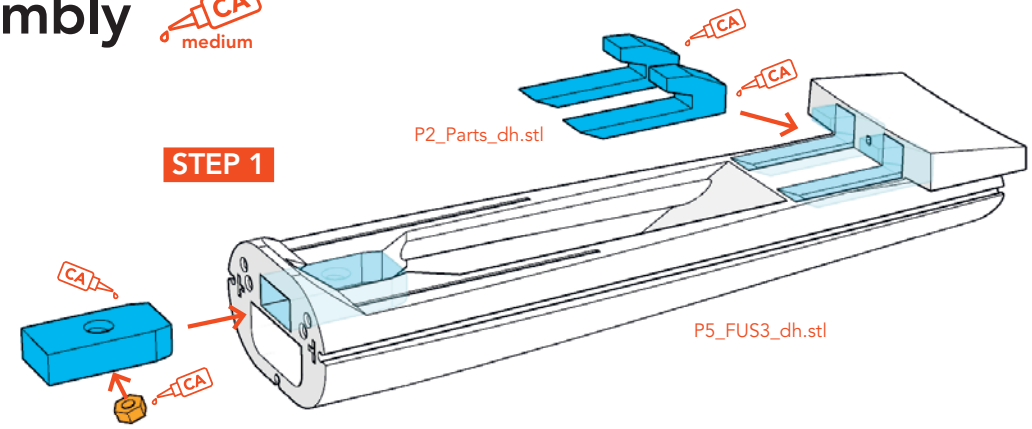


Fuselage Assembly

CA medium

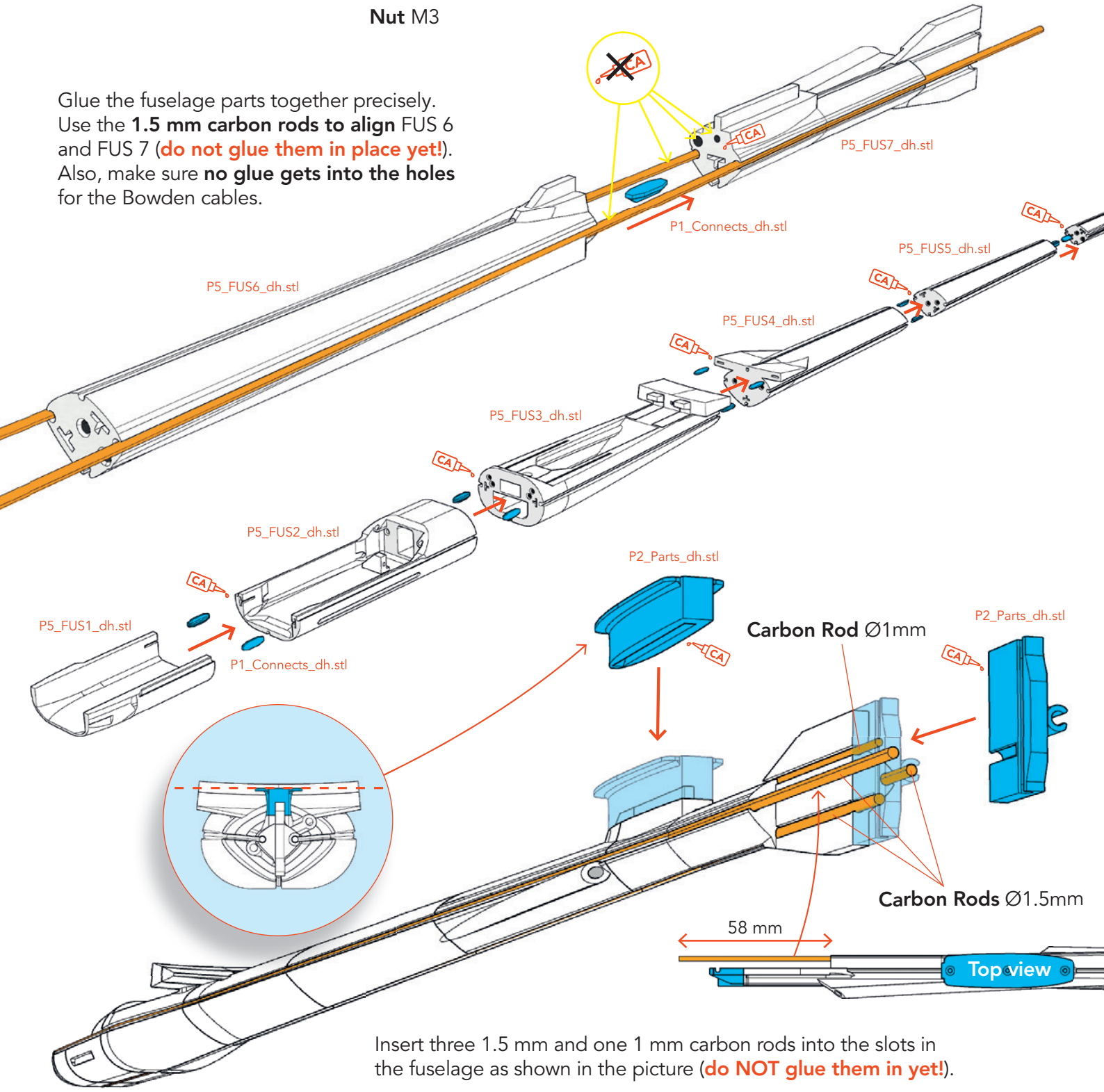
Before assembly, all fuselage parts must be thoroughly cleaned of the brim, and all holes and external slots must be checked with the rods to ensure they move smoothly.

STEP 1



Nut M3

Glue the fuselage parts together precisely. Use the **1.5 mm carbon rods to align** FUS 6 and FUS 7 (**do not glue them in place yet!**). Also, make sure **no glue gets into the holes** for the Bowden cables.



Insert three 1.5 mm and one 1 mm carbon rods into the slots in the fuselage as shown in the picture (**do NOT glue them in yet!**).

Fuselage Assembly



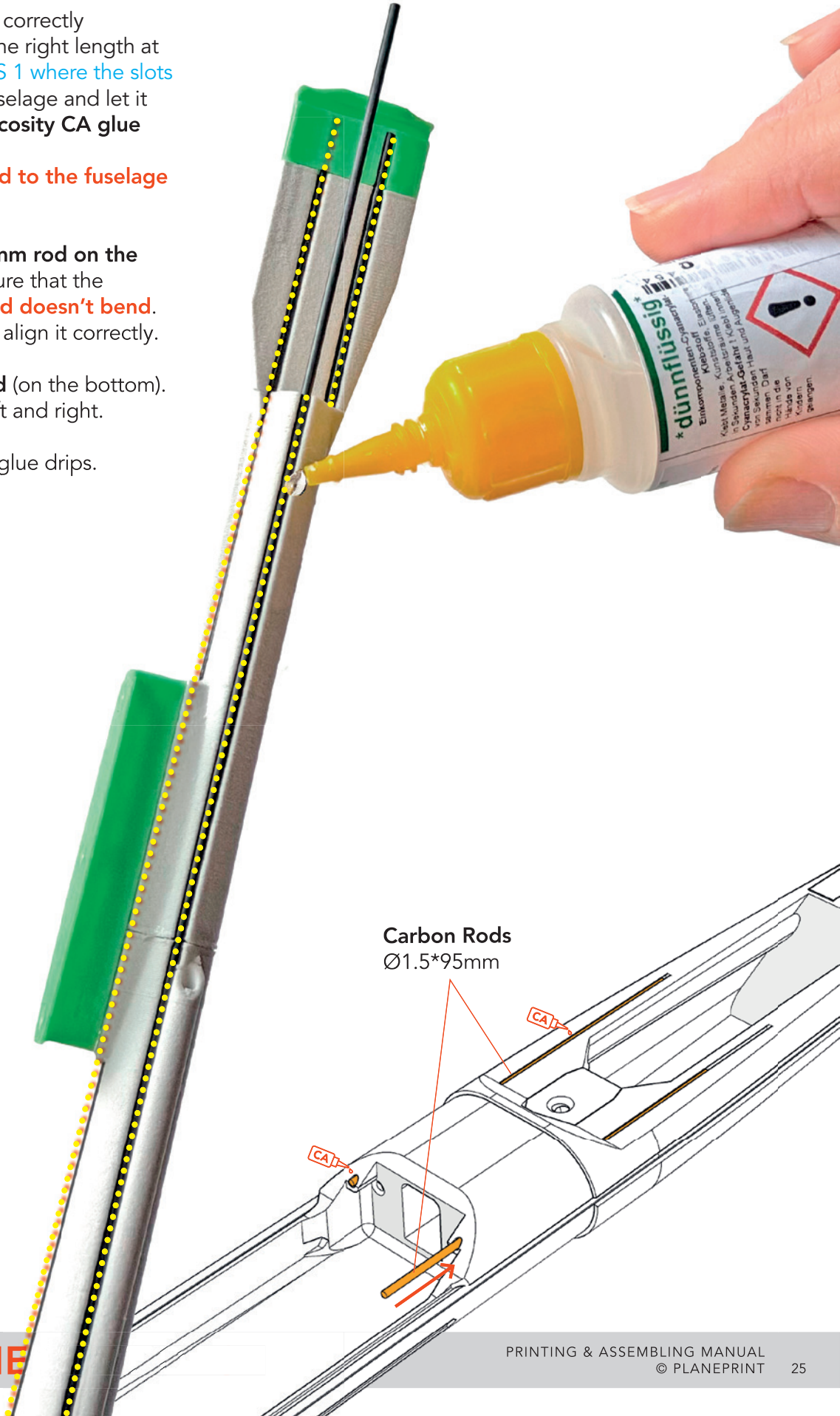
This step must be performed very **carefully to ensure that the fuselage is straight** later on.

Once all the carbon rods are correctly positioned and trimmed to the right length at the front (You can see on FUS 1 where the slots end), hold the back of the fuselage and let it hang down. Then let **low-viscosity CA glue** flow along the rods.
The rods must be connected to the fuselage along their entire length!

It's best to **start with the 1-mm rod on the top side**. Constantly make sure that the fuselage remains **straight and doesn't bend**. In principle, the rods already align it correctly.

Next, glue the opposite rod (on the bottom). Now glue the rods on the left and right.

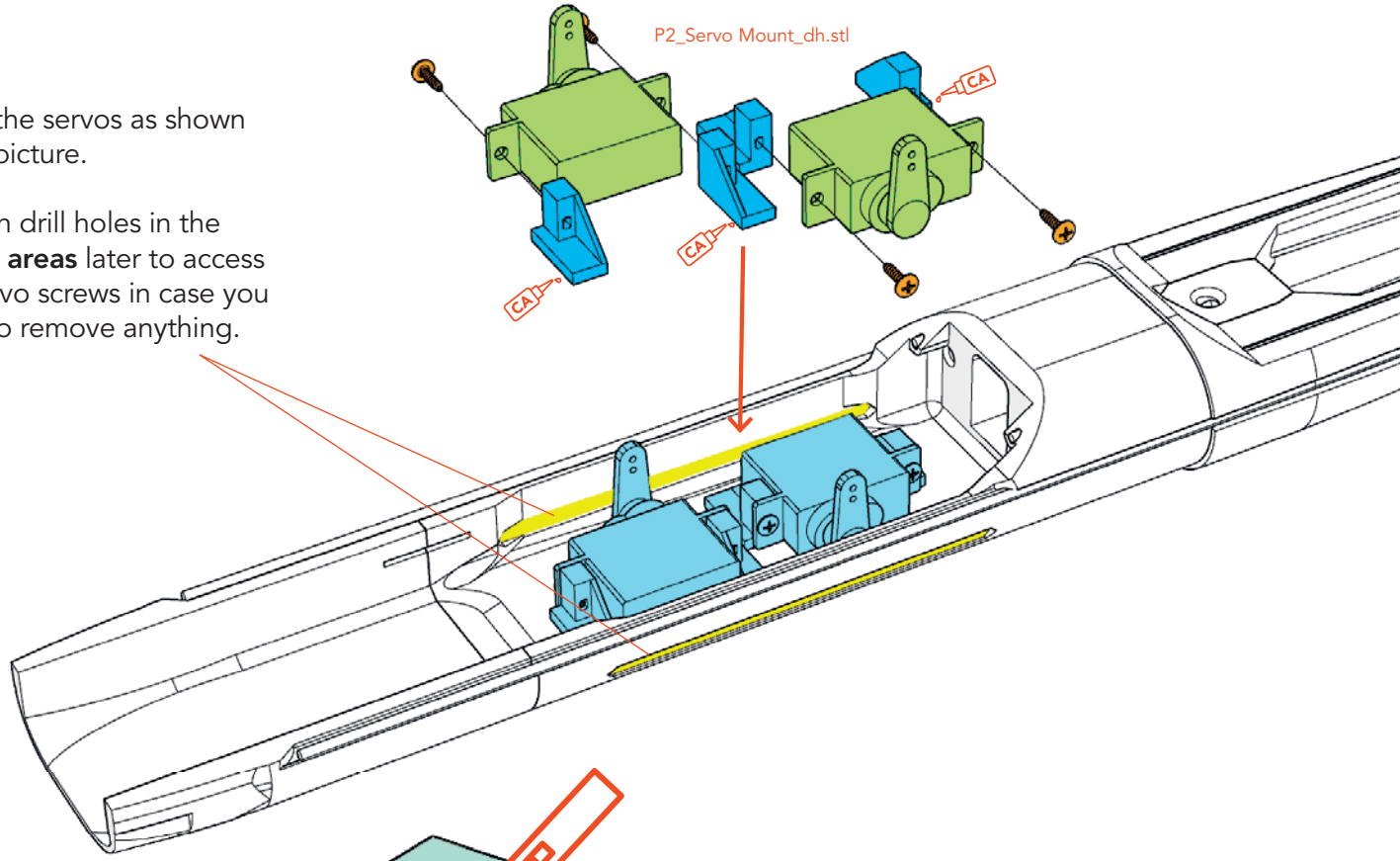
Protect the floor in case any glue drips.



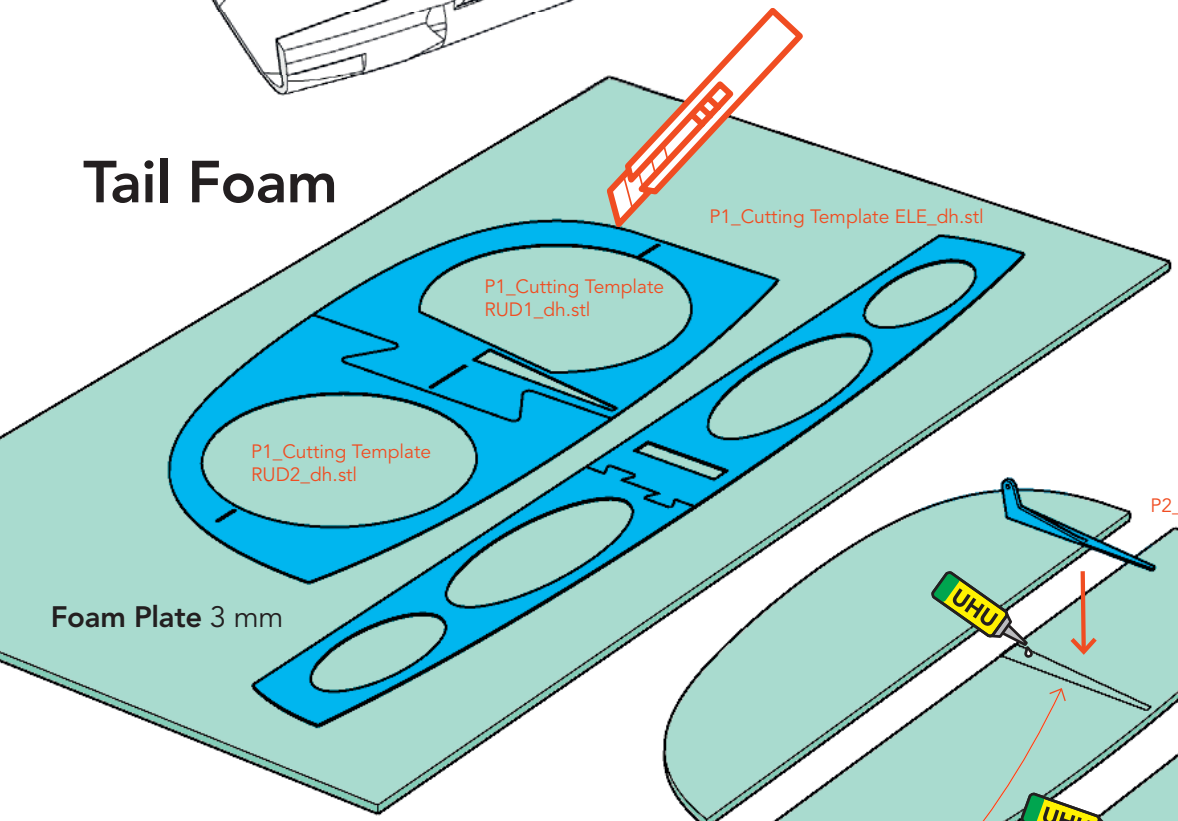
Fuselage Servo Assembly

Install the servos as shown in the picture.

You can drill holes in the **yellow areas** later to access the servo screws in case you need to remove anything.

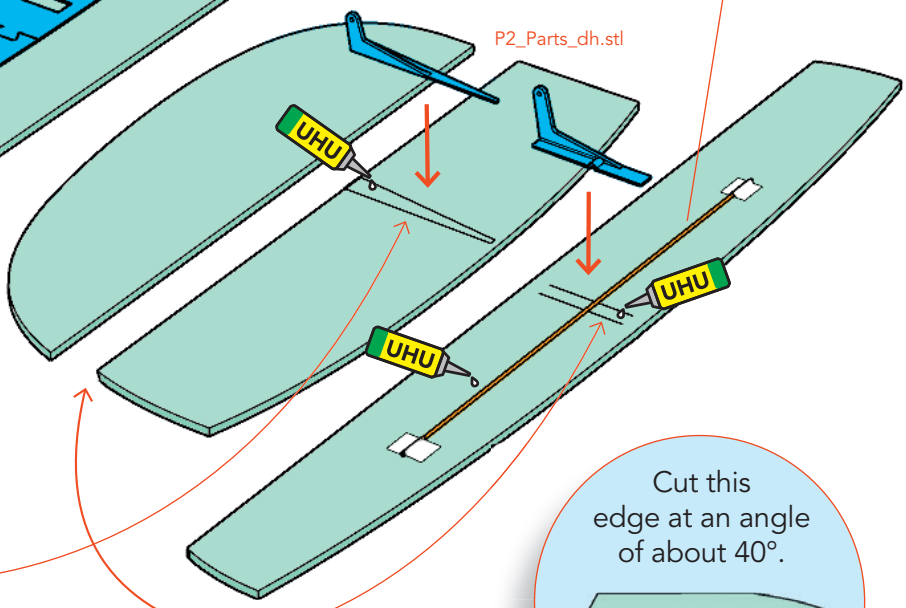


Tail Foam



Foam Plate 3 mm

Carbon Rod
Ø1*200mm

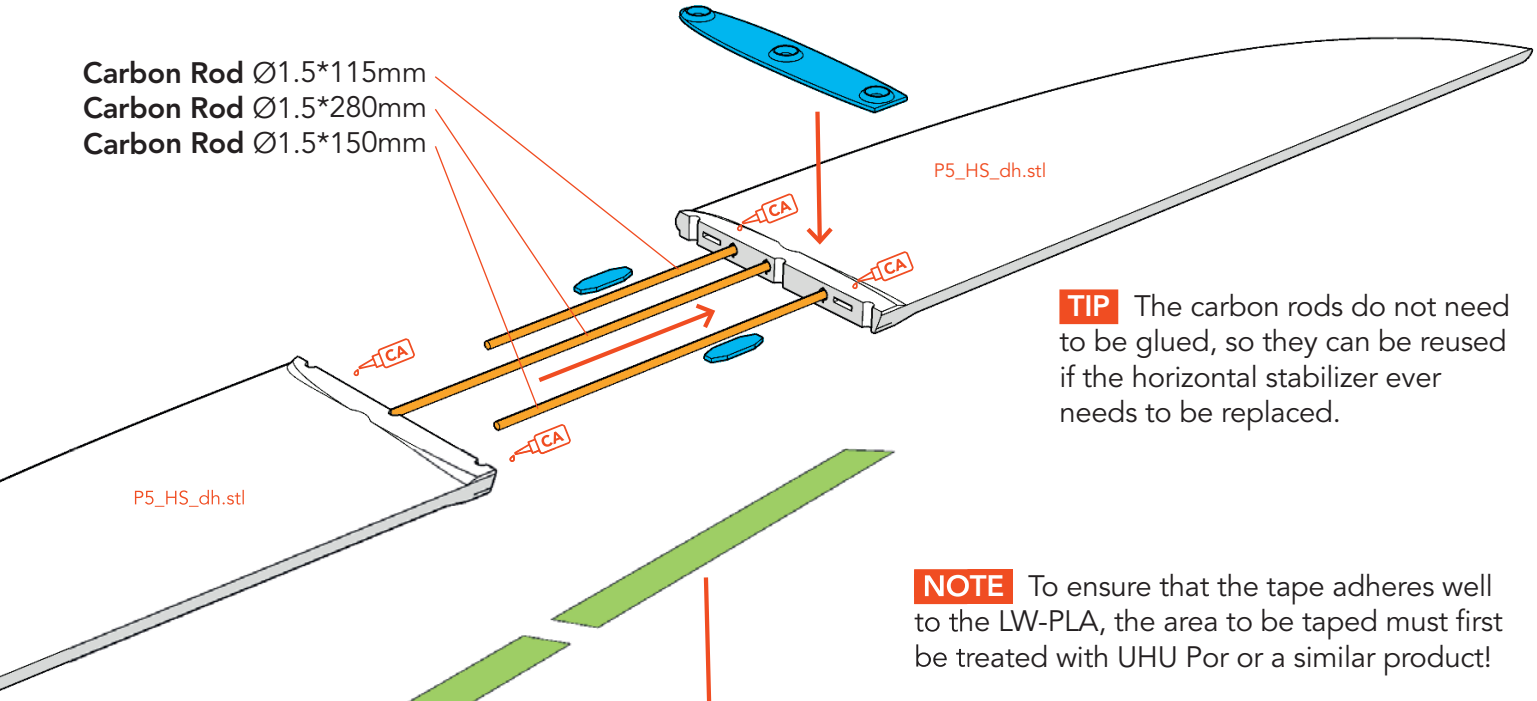


Use a piece of tape to attach the cutting templates to the foam plate, and cut out the elevator and rudder with a **very sharp knife**.

Use a pen to **mark the positions** for the servo levers.

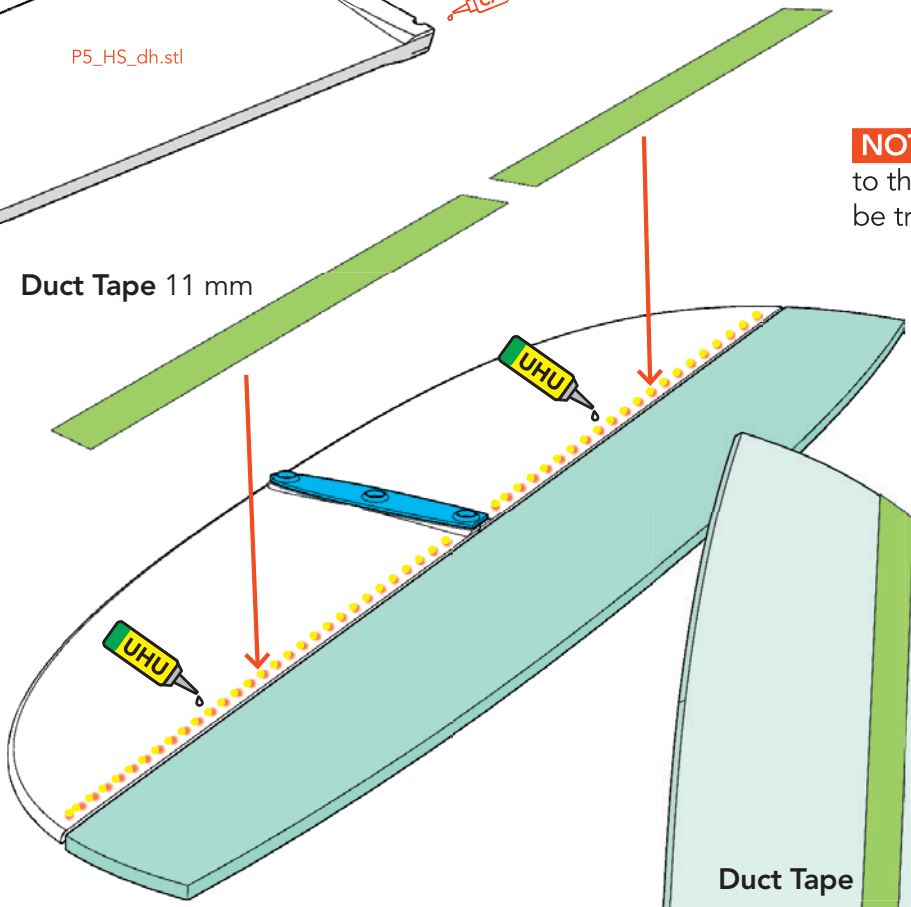
© PLANEPRINT

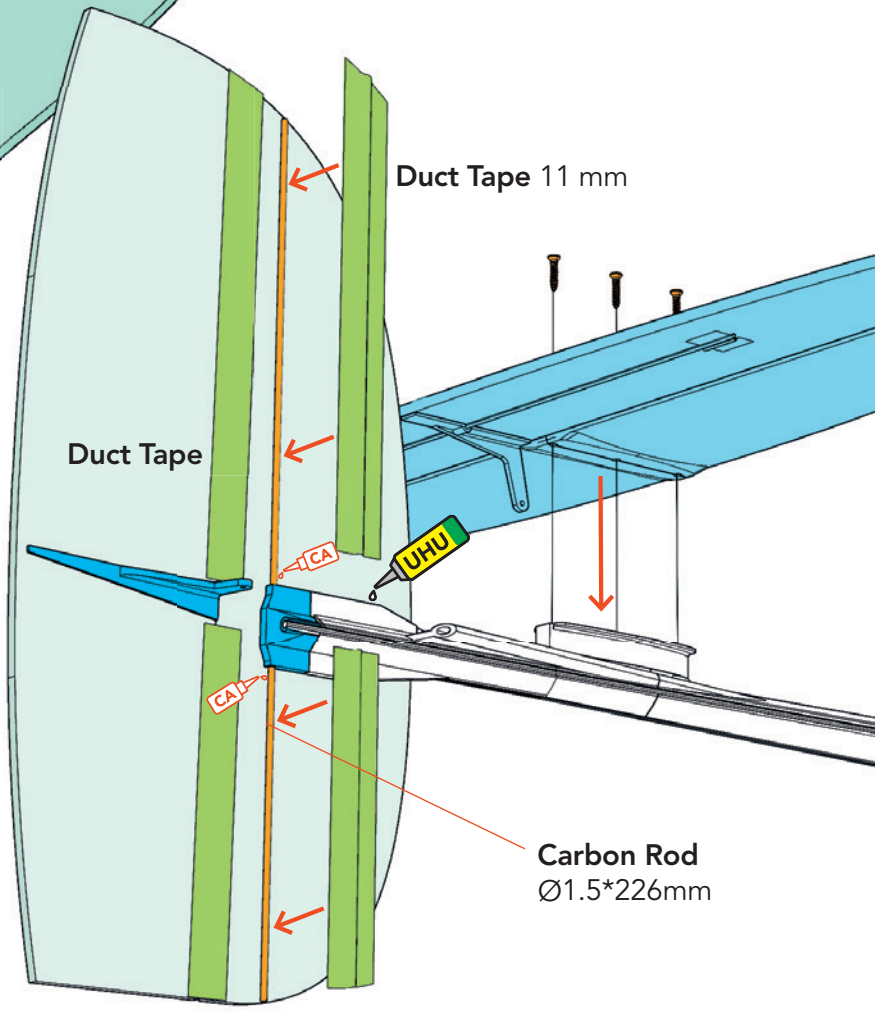
Tail Plane Assembly



TIP The carbon rods do not need to be glued, so they can be reused if the horizontal stabilizer ever needs to be replaced.

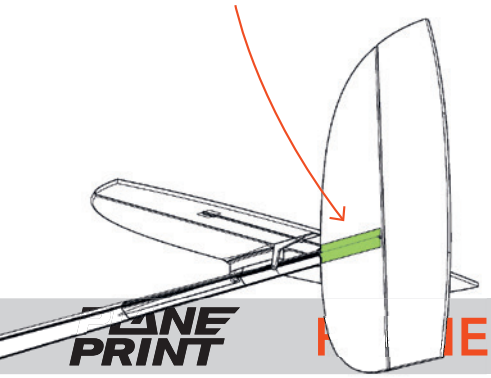
NOTE To ensure that the tape adheres well to the LW-PLA, the area to be taped must first be treated with UHU Por or a similar product!





Attach the **rudder to the horizontal stabilizer with tape**, and then **glue it to the FUS 7 using UHU Por**.

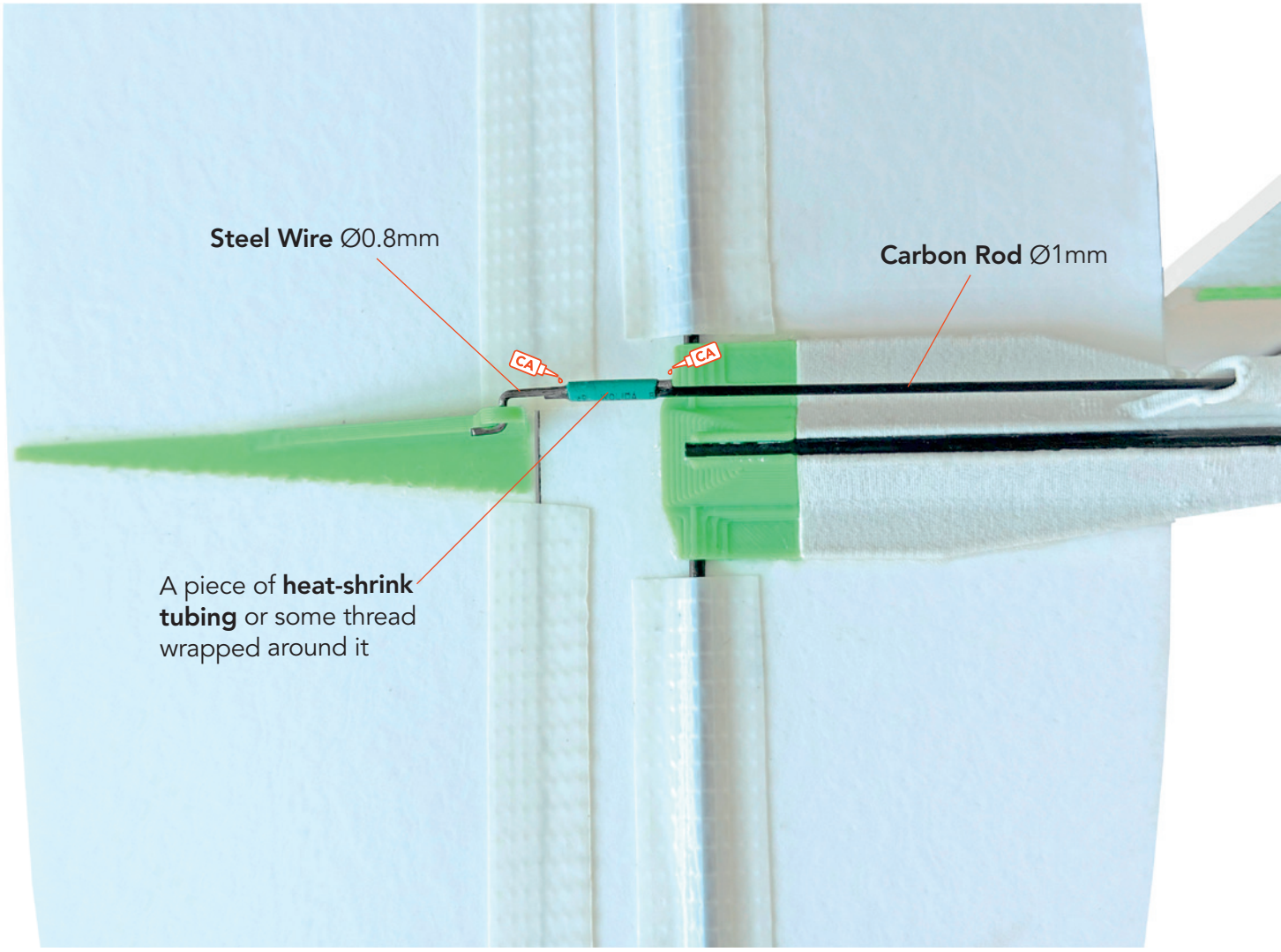
Insert the **carbon rod** through the end of the fuselage and secure it with tape. Secure the carbon rod on the left side with **tape** as well.

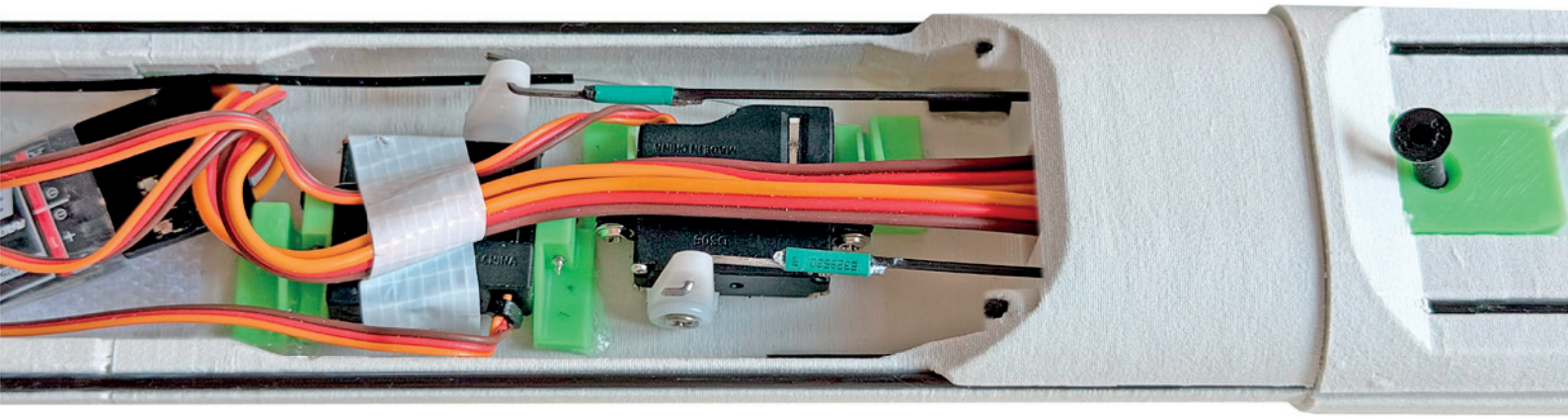


Tail Plane Assembly

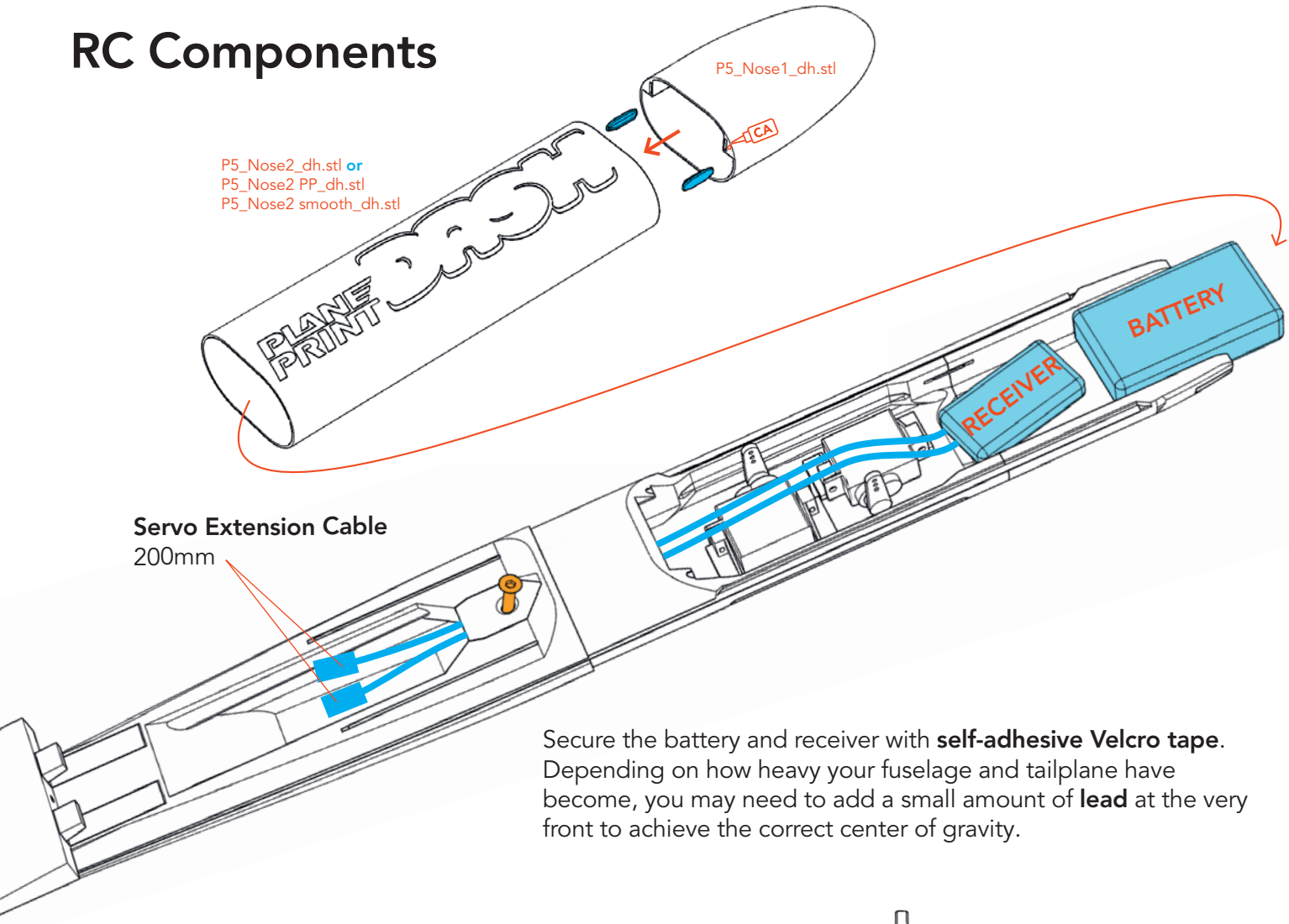
Insert the **Ø1mm Carbon Rods into the Bowden Cables on the fuselage**, and **bend four pieces of Ø0.8mm steel wire** as shown in the picture.

Set the servos, rudder, and elevator to zero, and attach the steel wires. Adjust the length of the rods and glue the connections as shown in the pictures.





RC Components

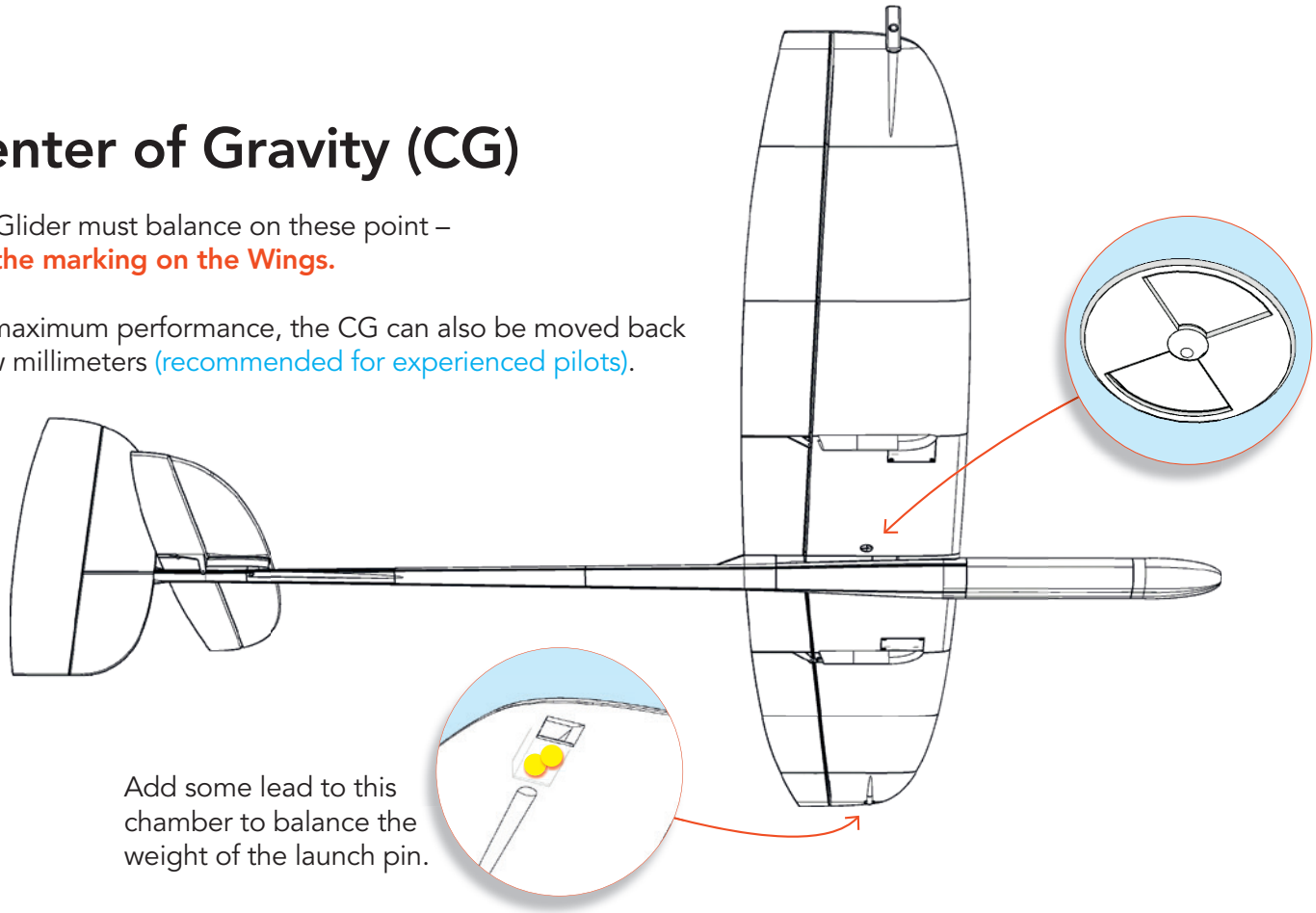


Secure the battery and receiver with **self-adhesive Velcro tape**. Depending on how heavy your fuselage and tailplane have become, you may need to add a small amount of **lead** at the very front to achieve the correct center of gravity.

Center of Gravity (CG)

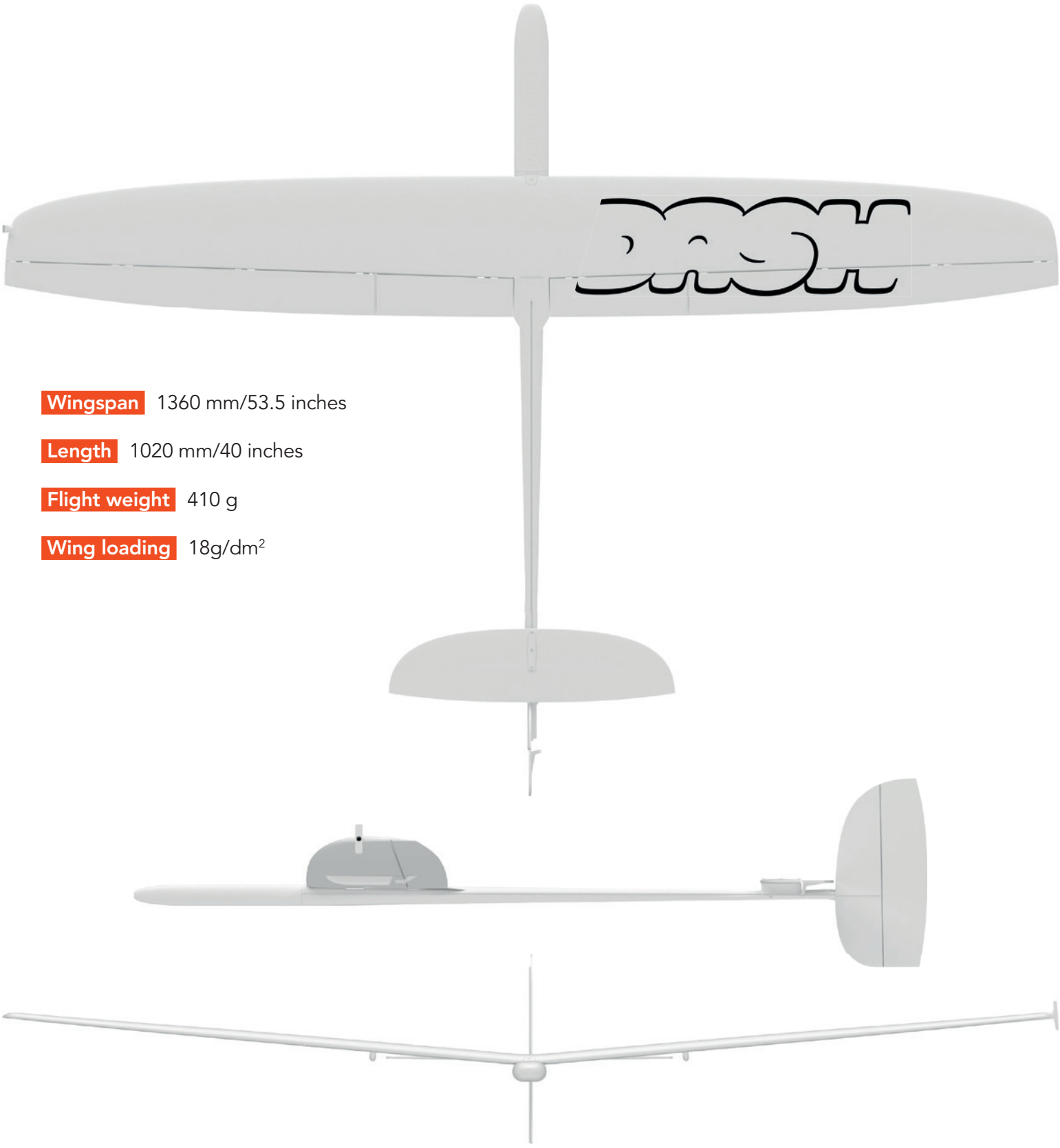
The Glider must balance on these point – **see the marking on the Wings.**

For maximum performance, the CG can also be moved back a few millimeters (recommended for experienced pilots).



Add some lead to this chamber to balance the weight of the launch pin.

PLANE PRINT DASH



Wingspan 1360 mm/53.5 inches

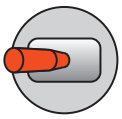
Length 1020 mm/40 inches

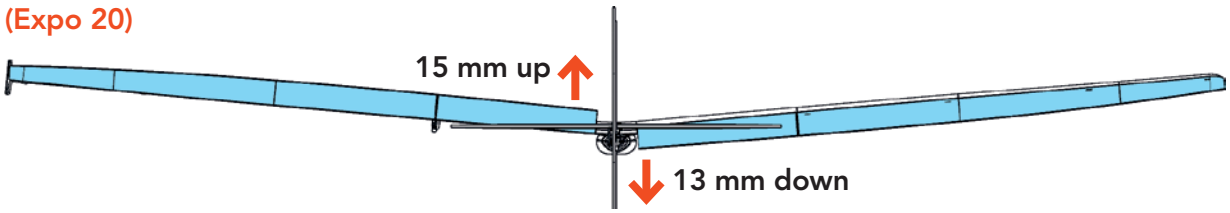
Flight weight 410 g

Wing loading 18g/dm^2

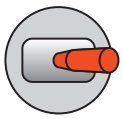
Control Direction Settings (look at the aircraft from behind)

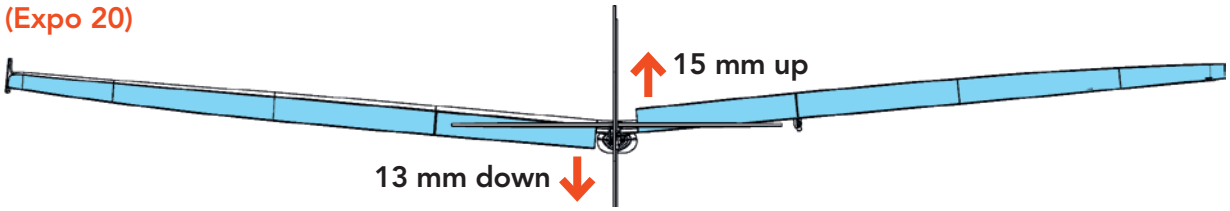
Aileron left (Expo 20)





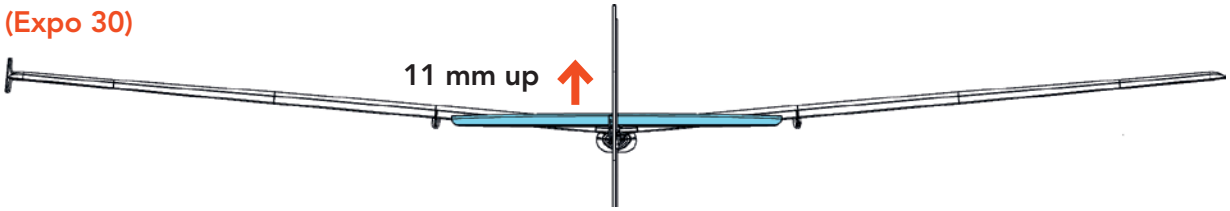
Aileron right (Expo 20)





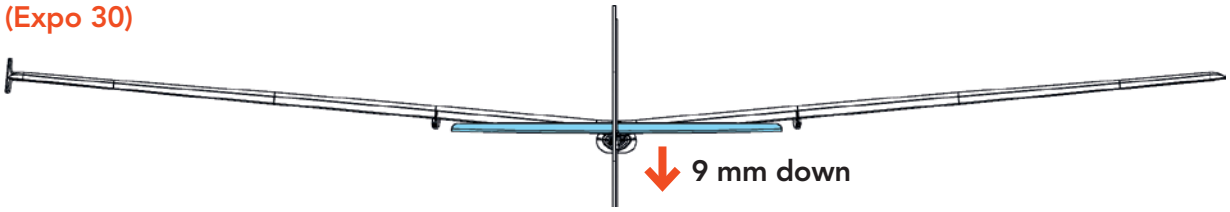
Elevator up (Expo 30)



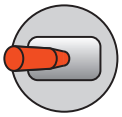


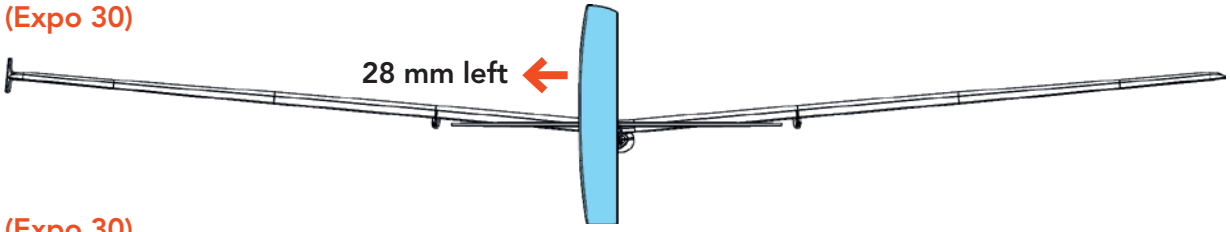
Elevator down (Expo 30)



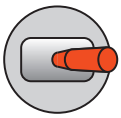


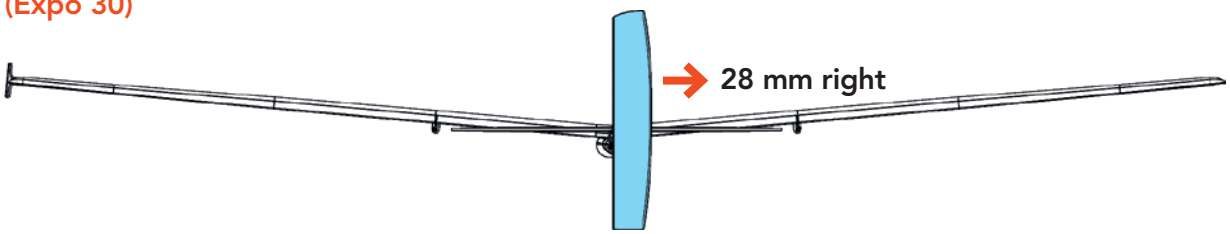
Rudder left (Expo 30)





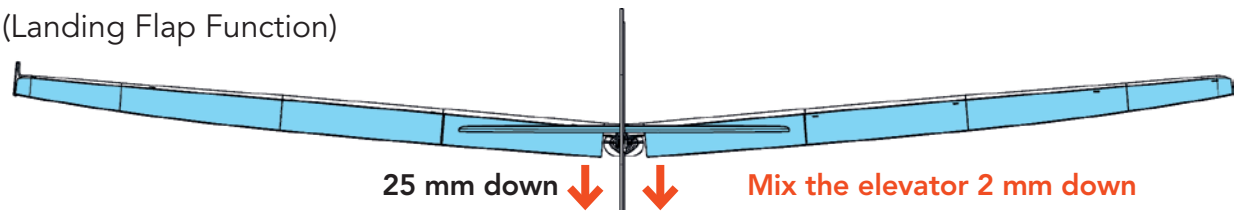
Rudder right (Expo 30)





Throttle down (Landing Flap Function)





For the **takeoff phase** (launch), the **ailerons are raised by about 2 mm**. You can assign this function to a **button** (which you hold down during the climb) or a switch.

We recommend programming **flight modes**. For the "**Thermal**" flight mode, the **ailerons are set down by about 2 mm** to increase lift. The advantage of flight modes is that you can **adjust the elevator correction directly via the trim** and make adjustments at any time.

AGE RECOMMENDATION 14+

NOT FOR CHILDREN UNDER 14 YEARS.
THIS IS NOT A TOY!

The STL data (or data processed from it, such as G codes) must never be passed on to third parties!

The purchase of the STL does not authorize the production of models for third parties.

By using the download data, an RC model airplane, called „model" for short, can be manufactured using a 3D printer. As a user of this model, only you are responsible for safe operation that does not endanger you or others, or that does not damage the model or property of others.

PLANEPRINT.com assumes no responsibility for damage to persons and property caused by pressure, transport or use of the product. Filaments, printing supplies, hardware or consumables that can not be used after faulty 3D printing will not be replaced by PLANEPRINT.com in any way.

When operating, always keep a safe distance from your model in all directions to avoid collisions and injuries.

This model is controlled by a radio signal. Radio signals can be disturbed from outside without being able to influence it. Interference can lead to a temporary loss of control.

Always operate your model on open terrains, far from cars, traffic and people.

Always follow the instructions and warnings for this product and any optional accessories (servos, receivers, motors, propellers, chargers, rechargeable batteries, etc.) carefully.

Keep all chemicals, small parts and electrical components out of the reach of children.

Avoid water contact with all components that are not specially designed and protected. Moisture damages the electronics.

Never take an item of the model or accessory in your mouth as this can lead to severe injuries or even death.

Never operate your model with low batteries in the transmitter or model.

Always keep the model in view and under control.
Use only fully charged batteries.

Always keep the transmitter switched on when the model is switched on.

Always remove the battery before disassembling the model.

Keep moving parts clean and dry at all times.

Always allow the parts to cool before touching them.

Always remove the battery after use.

Make sure that the Failsafe is properly set before the flight.

Never operate the model with damaged wiring.

Never touch moving parts.

We develop our models to the best of our knowledge and belief. We accept no liability for consequential damage and injuries caused by improper use or incorrectly printed parts. **Please be careful when handling motors, batteries and propellers** and only move your model with insurance and in approved places!

PLANE PRINT

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