

Bastlero.
www.bastlero.com

USER GUIDE

Created for 3D printer



scale
1:8



wingspan
62in / 160cm



made of
120 pcs



printed weight
99oz / 2,75kg



total weight
123oz / 3,5kg

P47 Thunderbolt
USAF Fighter



ASSEMBLY INSTRUCTION

RC Model printed on 3D printer



Visit our website, www.bastlero.com, to purchase a product you are interested in. Once you've made your purchase, you will receive access to download the file in



Download the files onto an SD card. We have optimized the universal G-code output to work with a wide selection of printers and have tested our products on several printer brands and configurations. If you own a Prusa 3D printer, please use the Prusa G-code files for printing.



Print all of the model parts on your 3D printer. The minimum supported size of the printed surface should be 22x22x20 cm or 20x25x20 cm.



Assemble the model according to the attached PDF manual. For bonding the model parts, we recommend using Super Glue (medium thickness) and Activator.

PRODUCT CONTAINS

- STL files of an RC model P-47 Thunderbolt at a 1/8 scale for a Prusa 3D printer.
- G-Code for an RC model P-47 Thunderbolt at a 1/8 scale, optimized for 3D printing.
- PrusaSlicer .3mf files for an RC model P-47 Thunderbolt at a 1/8 scale.
- Assembly instructions in PDF format
- Scale markings in PDF format

MODEL SPECIFICATION



scale
1:8



wingspan
62In / 160cm



made of
120 pcs



printed weight
99oz / 2,75kg

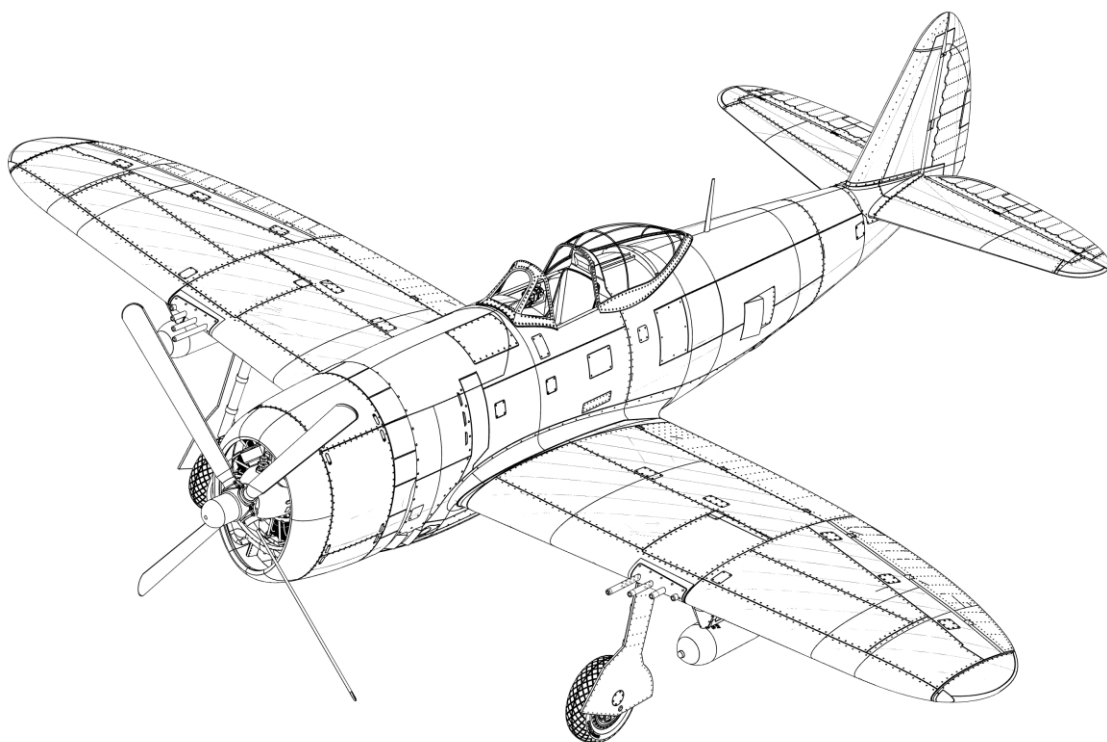


takeoff weight
123oz / 3,5kg

WATEVER YOU NEED

1. PLA/LPLA & PETG filament for print model parts
2. FLEX filament for print tire (colorFabb Varioshore TPU) [Link](#)
3. Super glue and Activator
4. 2X Servoless Retractable System from RC shops [Link 1](#) [Link 1](#)
5. 2x Alloy 169mm Straight Main Oleo Struts for 5mm Mounting Pin [Link 1](#) [Link 1](#)
6. 6X Metal Gear Micro Servos (Recommended Turnigy TGY-9018MG) [Link](#)
7. 4X Screw M3 length 8 mm & 4X Nut M4
8. 4X Screw M4 length 20 mm & 4X Nut M4
9. 2X Aluminium Screw M5 length 60mm & Nut M5X
10. 8x self-sapping screw 4mm X 15mm(for attaching the retractable landing gear)
11. 2x self-sapping screw 3mm X 10mm(for attaching the Tail gear)
12. 8x self-sapping screw 2.5mm X 8mm(for attaching the Servo Cover)
13. 8X Magnet diameter 8mm X 1,5mm [Link](#)
14. 2X Magnet diameter 3mm x 1,5mm [Link](#)
15. Electric Motor (Recommended Turnigy Aerodrive 5055-430kv) [Link](#)
16. Speed Controllers 70A (Recommended HobbyKing Red Brick 70A) [Link](#)
17. Radio / Receiver 8 Channels
18. Propeller 16X10 [Link](#)
19. Metal Wire 0,7mm-1mm (push-pull servo rod)
20. 2x 43cm Carbon tube diameter 12m [Link](#)
21. LED Navigation Light [Link](#)

PRINTED PARTS LIST



PRINTED

Part List (1-43)

No.	Parts name	Layer H.	Weight	Infil	P. Time	Multip	Perime	Main Location
1	Fuselage A	0,20mm	59g/36g	4%	6h15m	1/0,5	1	Fuselage_01_-_17
2	Fuselage B	0,25mm	64g	0%	17h	1	1	Fuselage_01_-_17
3	Fuselage C	0,25mm	19g	0%	2h10m	1	1	Fuselage_01_-_17
4	Fuselage D	0,25mm	140g	0%	13h15m	1	1	Fuselage_01_-_17
5	Fuselage E	0,25mm	14g	0%	1h10m	1	1	Fuselage_01_-_17
6	Fuselage F	0,25mm	123g	0%	11h22m	1	1	Fuselage_01_-_17
7	Fuselage G	0,25mm	146g	0%	13h	1	1	Fuselage_01_-_17
8	Fuselage H	0,25mm	119g	0%	11h	1	1	Fuselage_01_-_17
9	Fuselage I	0,25mm	58g	0%	6h	1	1	Fuselage_01_-_17
10	Fuselage J	0,25mm	36g	0%	4h	1	1	Fuselage_01_-_17
11	Battery Cover A	0,25mm	41g/18g	4%	5h25m	1/0,5	1	Fuselage_01_-_17
12	Battery Cover B	0,25mm	34g/14g	4%	5h25m	1/0,5	1	Fuselage_01_-_17
13	Battery Cover C	0,25mm	0,3	5%	4m	1	1	Fuselage_01_-_17
14	Antena	0,25mm	1,3g	5%	23m	1	1	Fuselage_01_-_17
15	Mount for M4	0,25mm	2,3g	15%	22m	1	2	Fuselage_01_-_17
16	Electromotor Holder	0,25mm	65g	15%	6h46m	1	2	Fuselage_01_-_17
17	Battery Cip	0,25mm	30g	15%	4h45m	1	4	Fuselage_01_-_17
18	Left Elevator A	0,25mm	28g	0%	3h40m	1	1	Elevator_18_-_35
19	Left Elevator B	0,25mm	13g	0%	2h12m	1	1	Elevator_18_-_35
20	Right Elevator A	0,25mm	28g	0%	3h40m	1	1	Elevator_18_-_35
21	Right Elevator B	0,25mm	13g	0%	2h12m	1	1	Elevator_18_-_35
22	Left Elevator Move A	0,25mm	11g/4,7g	0%	1h56m	1/0,5	1	Elevator_18_-_35
23	Left Elevator Move B	0,25mm	10g/4,3	0%	1h44m	1/0,5	1	Elevator_18_-_35
24	Left Elevator Move C	0,25mm	1,9g	0%	18m	1	1	Elevator_18_-_35
25	Right Elevator Move A	0,25mm	11g	0%	1h56m	1	1	Elevator_18_-_35
26	Right Elevator Move B	0,25mm	10g	0%	1h44m	1	1	Elevator_18_-_35
27	Right Elevator Move C	0,25mm	1,9g	0%	18m	1	1	Elevator_18_-_35
28	Left Elevator Hinge A	0,25mm	0,7g	15%	7m	1	2	Elevator_18_-_35
29	Left Elevator Hinge B	0,25mm	0,7g	15%	7m	1	2	Elevator_18_-_35
30	Right Elevator Hinge A	0,25mm	0,7g	15%	7m	1	2	Elevator_18_-_35
31	Right Elevator Hinge B	0,25mm	0,7g	15%	7m	1	2	Elevator_18_-_35
32	Hex Axe Elevator	0,2mm	4,5g	15%	25m	1	4	Elevator_18_-_35
33	Elevator Grip	0,25mm	0,5g	15%	5m	1	4	Elevator_18_-_35
34	Axe Elevator Left	0,25mm	1,4	15%	16m	1	4	Elevator_18_-_35
35	Axe Elevator Right	0,25mm	1,4	15%	16m	1	4	Elevator_18_-_35
36	Rudder A	0,25mm	27g/15g	0%	3h41m	1	1	Rudder_36_-_45
37	Rudder B	0,25mm	2,9g/1g	0%	34m	1	1	Rudder_36_-_45
38	Rudder Move A	0,15mm	2,7g/1g	0%	38m	1	1	Rudder_36_-_45
39	Rudder Move B	0,25mm	14,8g/7g	0%	2h14m	1	1	Rudder_36_-_45
40	Rudder Move C	0,15mm	11,3g/5,8g	0%	1h56m	1	1	Rudder_36_-_45
41	Rudder Move D	0,2mm	3,3g/0,8g	0%	43m	1	1	Rudder_36_-_45
42	Rudder Hinge A	0,2mm	1,2g	15%	10m	1	2	Rudder_36_-_45
43	Rudder Hinge B	0,2mm	1,2g	15%	10m	1	2	Rudder_36_-_45

PRINTED

Part List (44-86)

No.	Parts name	Layer H.	Weight	Infil	P. Time	Multi	Perime	Main Location
44	Rudder Hinge C	0,2mm	1,2g	15%	10m	1	2	Rudder_36_-_45
45	Rudder Horn	0,2mm	1g	20%	7m	1	2	Rudder_36_-_45
46	Tail Gear Mount	0,15mm	16g/8g	10%	1h54m	1	1	Tail_Gear_46_-_53
47	Tail Gear Fork Axe	0,15mm	6g	10%	1h	1	9	Tail_Gear_46_-_53
48	Tail Gear Fork	0,15mm	6g	10%	1h15m	1	9	Tail_Gear_46_-_53
49	Tail Gear Disc	0,15mm	2g	8%	20m	1	2	Tail_Gear_46_-_53
50	Tail Gear Tire	0,2mm	6,7g	8%	1h42m	0,5	8	Tail_Gear_46_-_53
51	Tail Gear Axe	0,2mm	0,4g	8%	3m	1	3	Tail_Gear_46_-_53
52	Tail Gear Ring A	0,2mm	0,4g	8%	3m	1	3	Tail_Gear_46_-_53
53	Tail Gear Ring B	0,2mm	0,4g	8%	3m	1	3	Tail_Gear_46_-_53
54	Dashboard	0,15mm	10g	15%	1h30m	1	2	Cocpit_54_-_66
55	Left Control Panel	0,15mm	12g	15%	1h30m	1	2	Cocpit_54_-_66
56	Right Control Panel	0,15mm	12g	15%	1h30m	1	2	Cocpit_54_-_66
57	Sight	0,15mm	6g	15%	1h38m	1	2	Cocpit_54_-_66
58	Canopy Front Frame	0,15mm	15g	15%	2h46m	1	2	Cocpit_54_-_66
59	Canopy Back Frame A	0,15mm	11g	15%	3h27m	1	2	Cocpit_54_-_66
60	Canopy Back Frame B	0,15mm	19g	15%	3h50m	1	2	Cocpit_54_-_66
61	Seat	0,15mm	15,7g	0%	1h50m	1	1	Cocpit_54_-_66
62	Headrest	0,15mm	7g	0%	1h	1	1	Cocpit_54_-_66
63	Antenna	0,25mm	1,2g	0%	13m	1	2	Cocpit_54_-_66
64	Form on Canopy Front	0,25mm	300g	15%	18h	1	9	Cocpit_54_-_66
65	Form on Canopy Back	0,25mm	58g	15%	3h35m	1	9	Cocpit_54_-_66
66	Form on Canopy Back Cut	0,25mm	300g	15%	18h	1	9	Cocpit_54_-_66
67	Wing Mid A	0,25mm	67g/51g	0%	6h	1	1	Wing_67_-_93
68	Wing Mid B	0,25mm	62g/47g	0%	5h34m	1	1/2	Wing_67_-_93
69	Wing Mid C	0,25mm	21g/10g	0%	2h	1	1/2	Wing_67_-_93
70	Wing Mid D	0,25mm	5g	15%	35m	1	1	Wing_67_-_93
71	Wing Mid E	0,25mm	2g	15%		2	2	Wing_67_-_93
72	Wing Left A	0,25mm	75g	0%	7h42m	1	1	Wing_67_-_93
73	Wing Left B	0,25mm	57,8g/34g	0%	5h49m	1	1	Wing_67_-_93
74	Wing Left C	0,25mm	100g	0%	9h26m	1	1	Wing_67_-_93
75	Wing Left D	0,25mm	45g/20g	0%	4h46m	1	1	Wing_67_-_93
76	Wing Left E	0,25mm	69g/37g	0%	7h20m	1	1	Wing_67_-_93
77	Wing Left F	0,25mm	40g/18,2g	0%	4h19m	1	1	Wing_67_-_93
78	Wing Left G	0,25mm	7,6g/4,4g	0%	57m	1	1	Wing_67_-_93
79	Wing Right A	0,25mm	75g	0%	7h42m	1	1	Wing_67_-_93
80	Wing Right B	0,25mm	57,8g/34g	0%	5h49m	1	1	Wing_67_-_93
81	Wing Right C	0,25mm	100g	0%	9h26m	1	1	Wing_67_-_93
82	Wing Right D	0,25mm	45g/20g	0%	4h46m	1	1	Wing_67_-_93
83	Wing Right E	0,25mm	69g/37g	0%	7h20m	1	1	Wing_67_-_93
84	Wing Right F	0,25mm	40g/18,2g	0%	4h19m	1	1	Wing_67_-_93
85	Wing Right G	0,25mm	7,6g/4,4g	0%	57m	1	1	Wing_67_-_93
86	Wing Navigation Light Left	0,2mm	1g	0%	10m	1	2	Wing_67_-_93

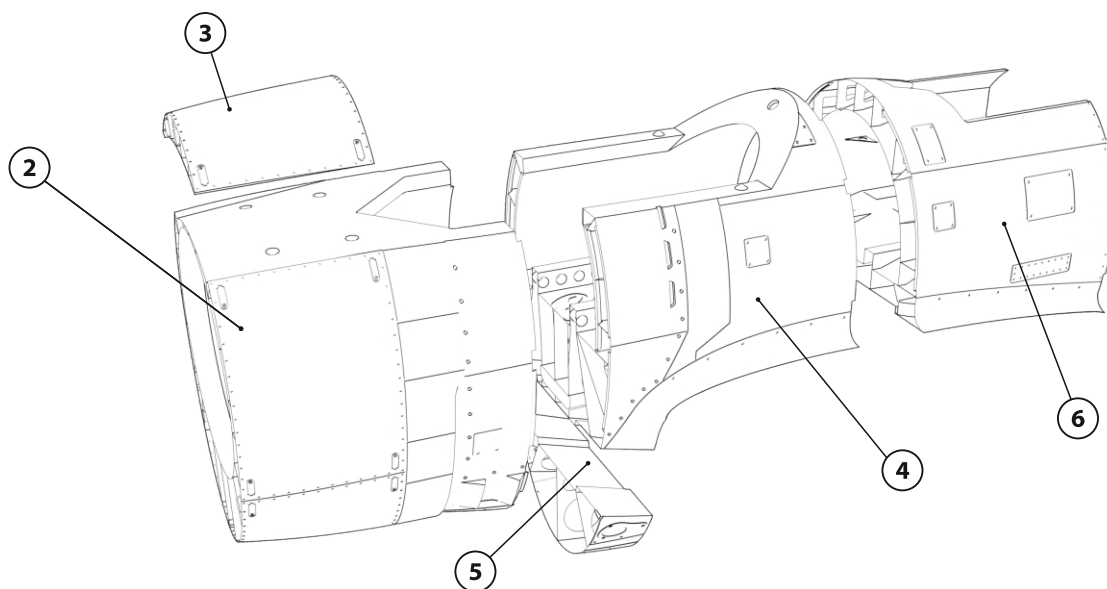
PRINTED

Part List (87-120)

No.	Parts name	Layer H.	Weight	Infil	P. Time	Multi	Perime	Main Location
87	Wing Navigation Light Right	0,2mm	1g	0%	10m	1	2	Wing_67_-_93
88	Machine Guns Barrels Left	0,15mm	8g	15%	1h50m	1	2	Wing_67_-_93
89	Machine Guns Barrels Right	0,15mm	8g	15%	1h50m	1	2	Wing_67_-_93
90	Flap Servo Cover Left	0,20mm	4,8g/1,6g	0%	47m	1	1	Wing_67_-_93
91	Aileron Servo Cover Left	0,20mm	4,5g/1,5g	0%	44m	1	1	Wing_67_-_93
92	Flap Servo Cover Right	0,20mm	4,8g/1,6g	0%	47m	1	1	Wing_67_-_93
93	Aileron Servo Cover Right	0,20mm	4,5g/1,5g	0%	44m	1	1	Wing_67_-_93
94	Flap Left A	0,25mm	17,4g	0%	3h	1	1	Flaps_94_-_103
95	Flap Left B	0,25mm	14,7g	0%	2h41m	1	1	Flaps_94_-_103
96	Flap Left Hinge A	0,20mm	1,3g	15%	10m	1	1	Flaps_94_-_103
97	Flap Left Hinge B	0,20mm	1,3g	15%	10m	1	1	Flaps_94_-_103
98	Flap Left Hinge C	0,20mm	1,3g	15%	10m	1	1	Flaps_94_-_103
99	Flap Right A	0,25mm	17,4g	0%	3h	1	1	Flaps_94_-_103
100	Flap Right B	0,25mm	14,7g	0%	2h41m	1	1	Flaps_94_-_103
101	Flap Right Hinge A	0,20mm	1,3g	15%	10m	1	1	Flaps_94_-_103
102	Flap Right Hinge B	0,20mm	1,3g	15%	10m	1	1	Flaps_94_-_103
103	Flap Right Hinge C	0,20mm	1,3g	15%	10m	1	1	Flaps_94_-_103
104	Ailerons Left A	0,25mm	16g	0%	2h54m	1	1	Ailerons_104_-_113
105	Ailerons Left B	0,25mm	11,6g	0%	2h12m	1	1	Ailerons_104_-_113
106	Ailerons Left Hinge A	0,20mm	1,8g	15%	12m	1	1	Ailerons_104_-_113
107	Ailerons Left Hinge B	0,20mm	1,8g	15%	12m	1	1	Ailerons_104_-_113
108	Ailerons Left Hinge C	0,20mm	1,8g	15%	12m	1	1	Ailerons_104_-_113
109	Ailerons Right A	0,25mm	16g	0%	2h54m	1	1	Ailerons_104_-_113
110	Ailerons Right B	0,25mm	11,6g	0%	2h12m	1	1	Ailerons_104_-_113
111	Ailerons Right Hinge A	0,20mm	1,8g	15%	12m	1	1	Ailerons_104_-_113
112	Ailerons Right Hinge B	0,20mm	1,8g	15%	12m	1	1	Ailerons_104_-_113
113	Ailerons Right Hinge C	0,20mm	1,8g	15%	12m	1	1	Ailerons_104_-_113
114	Retraction Gear Cover L.	0,25mm	16g	3%	3h	1	1	Retra_Gear_114_-_118
115	Retraction Gear Cover R.	0,25mm	16g	3%	3h	1	1	Retra_Gear_114_-_118
116	Disc A	0,15mm	14g	3%	1h45m	1	2	Retra_Gear_114_-_118
117	Disc B	0,15mm	14g	3%	1h45m	1	2	Retra_Gear_114_-_118
118	Tire	0,25mm	36g	7%	1h10m	0,5	9	Retra_Gear_114_-_118
119	Propeller Spinner A	0,25mm	9g	3%	1h10m	1	1	Spinner_119_120
120	Propeller Spinner B	0,25mm	25g	3%	3h	1	1	Spinner_119_120

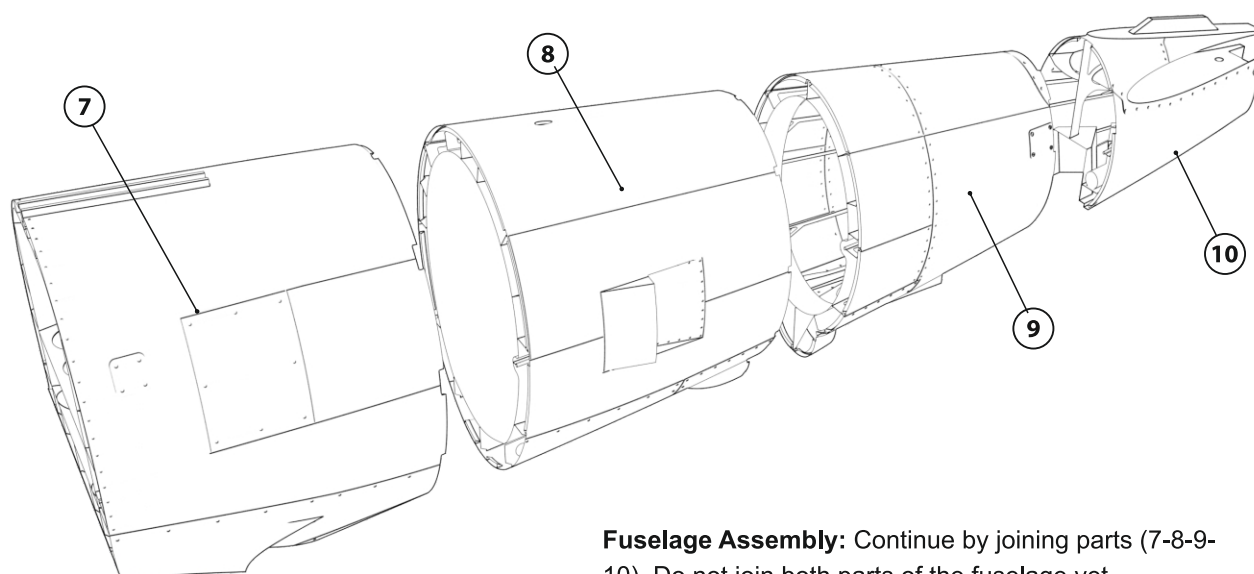
FUSELAGE

Fuselage Assembly



Fuselage Assembly: Start by gluing together the fuselage parts (1-2-3-4-5-6) using super glue. Do not glue the other parts of the fuselage (7).

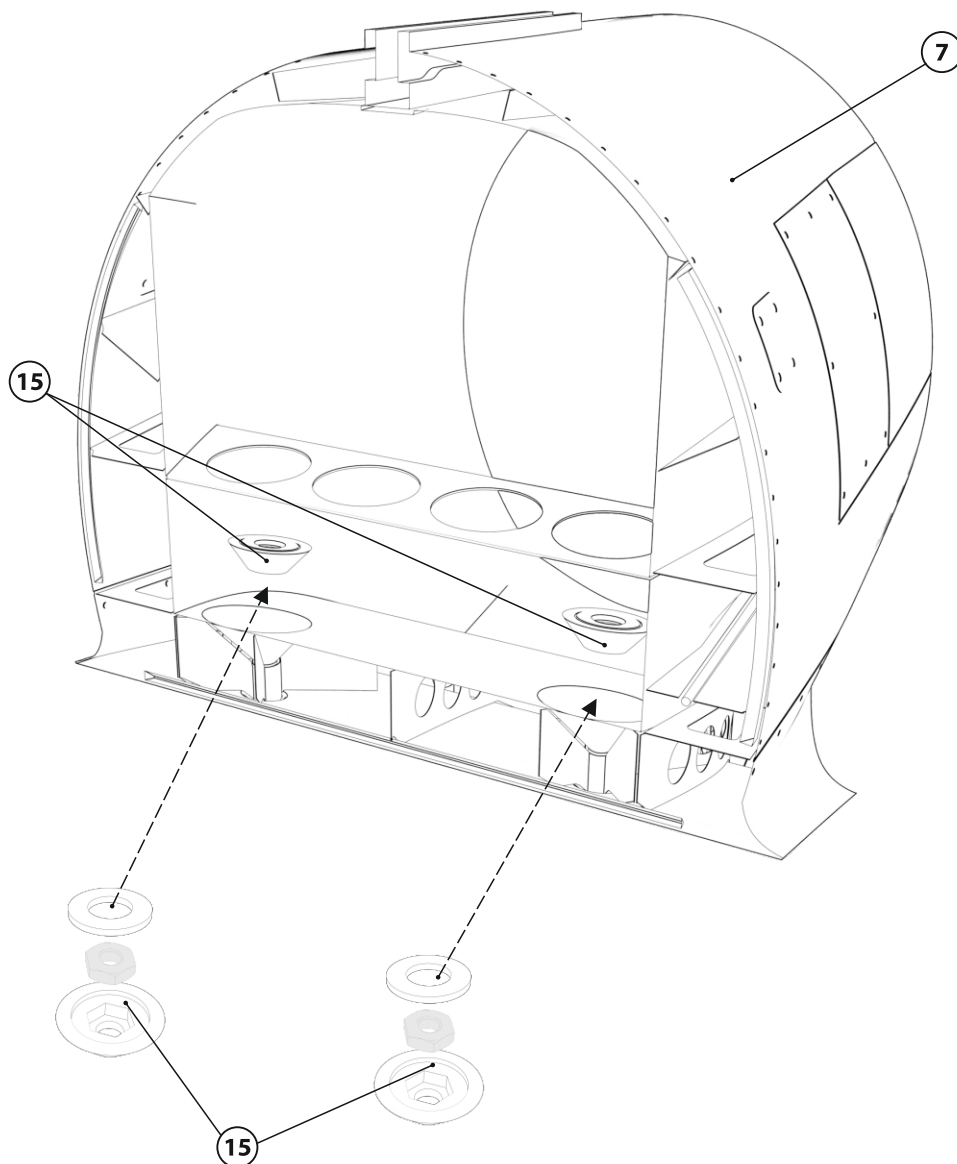
Note: Before gluing each part together, clean the holes of the tubes that will hold the Bowden cable for the elevator control.



Fuselage Assembly: Continue by joining parts (7-8-9-10). Do not join both parts of the fuselage yet.

FUSELAGE

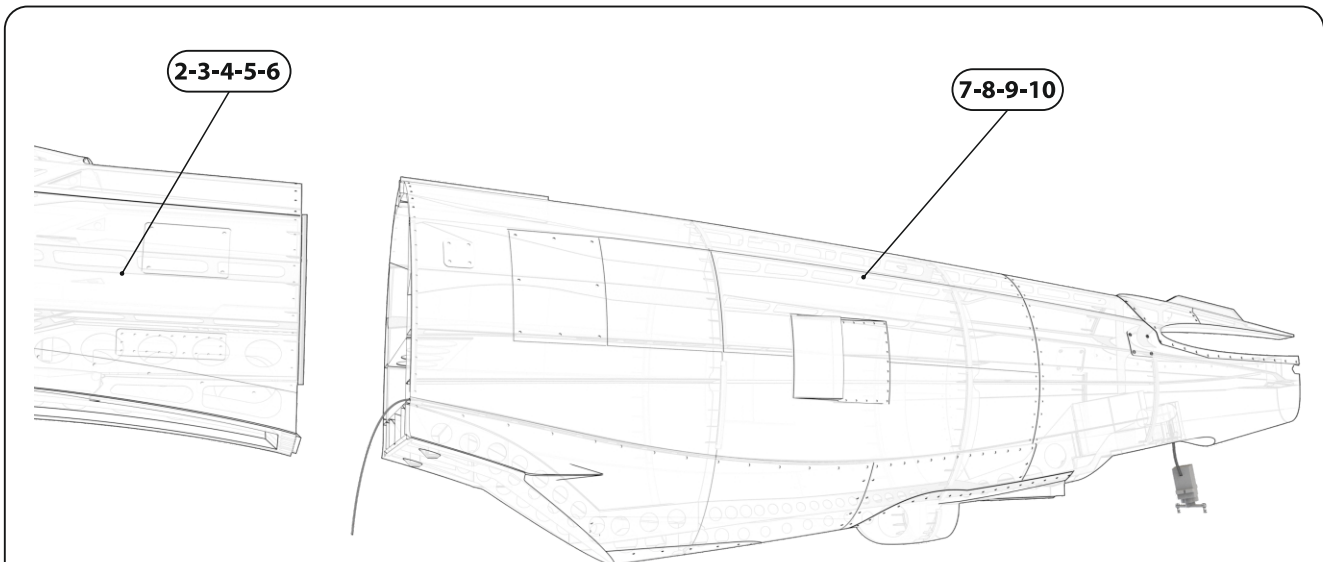
Fuselage Assembly - Wing Handlers



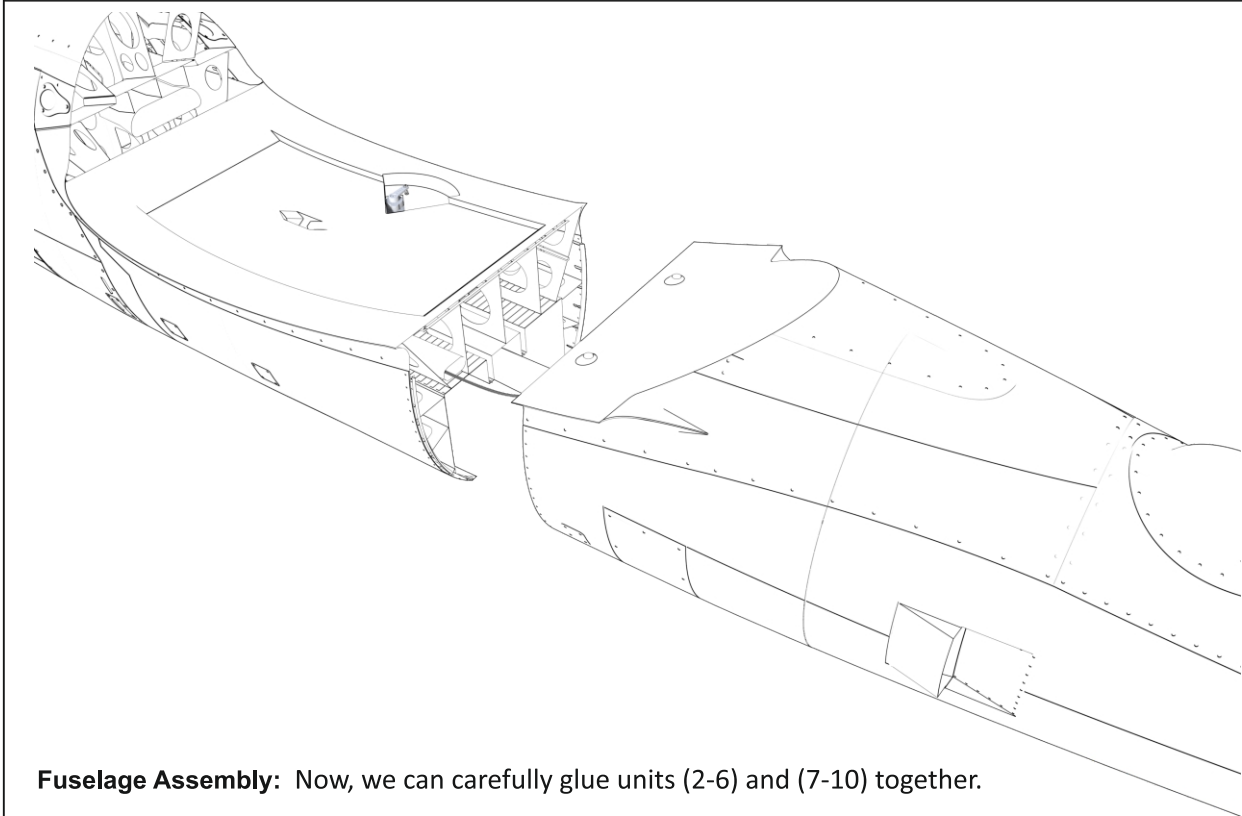
Fuselage Assembly: Do this step before assembling parts (1-6) and (7-10) into a single whole. First, prepare the mounts for attaching the wing. Glue an M5 nut into part (15) and secure it against falling out with the other part of (15). Then, glue the whole assembly into the recess in fuselage number (7) where it will later be used for fixing the wing.

FUSELAGE

Tail Servo Installation



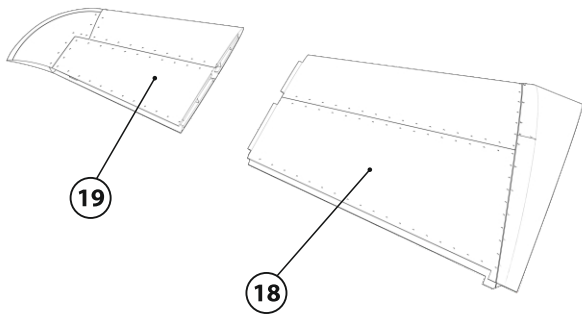
Fuselage Assembly: Even before assembling parts (2-6) and (7-10), install the servo that will control the rudder and tail gear (part 10). Run the servo cable through the entire length of the fuselage (7-8-9-10) and continue through the fuselage section (2-3-4-5) where the battery and receiver will be located. If the servo cable is too short, use a servo extension cable.



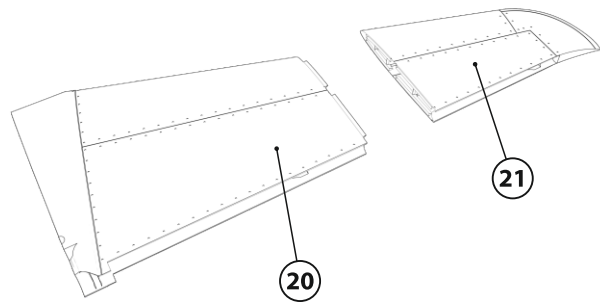
Fuselage Assembly: Now, we can carefully glue units (2-6) and (7-10) together.

ELEVATORS

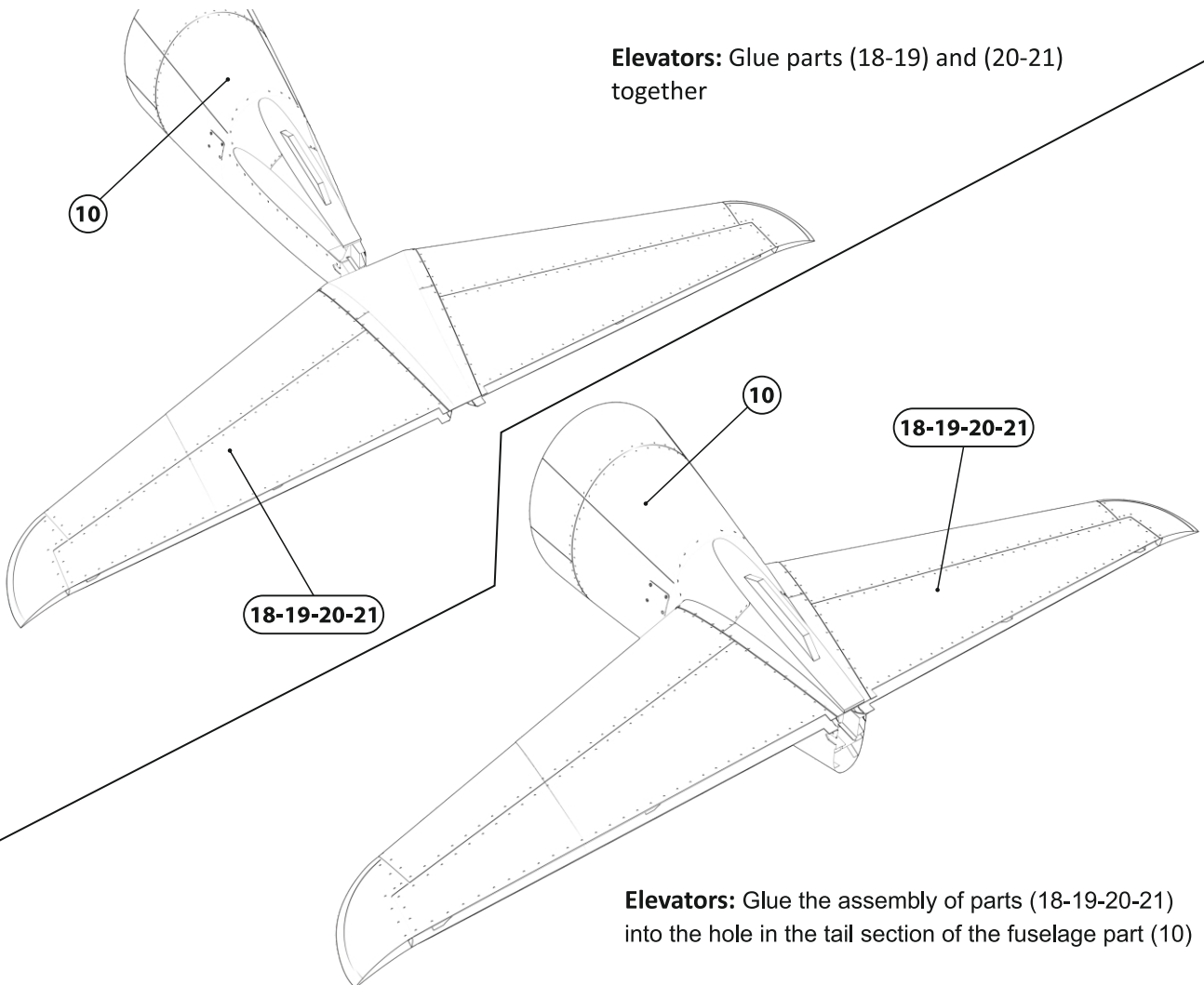
Taiplane & Elevators



Elevators: start by gluing the left part of the jump (18-19)



Elevators: Repeat the previous step for the right part (20-21)

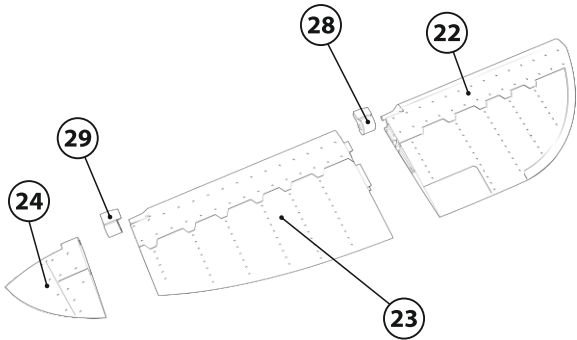


Elevators: Glue parts (18-19) and (20-21) together

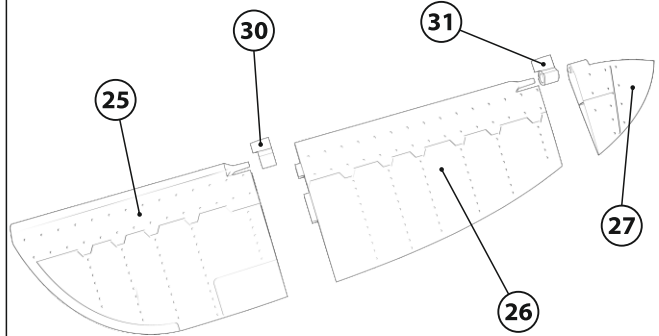
Elevators: Glue the assembly of parts (18-19-20-21) into the hole in the tail section of the fuselage part (10)

ELEVATORS

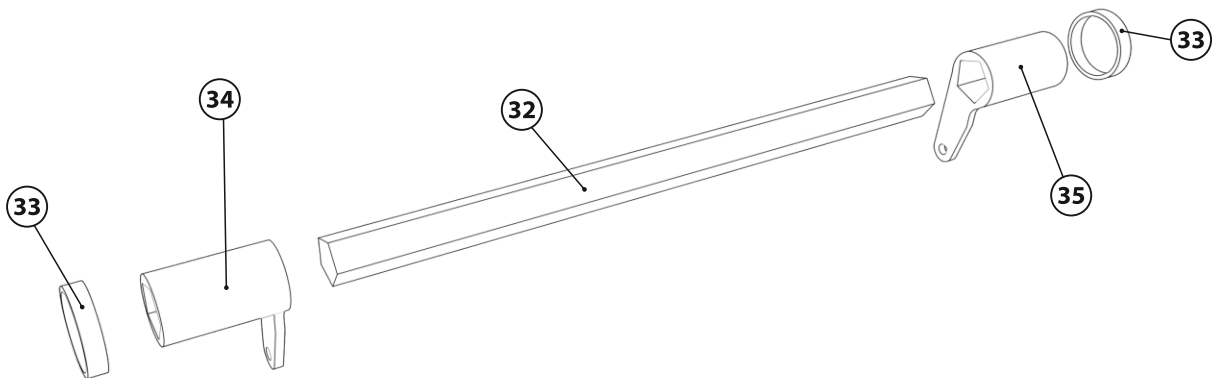
Assembly Moving Parts Elevators



Elevators: Before gluing the moving parts of the elevator (22-23-24) onto the hinge pins (28-29), be sure to glue them carefully so that the hinge remains movable and no glue gets inside it.

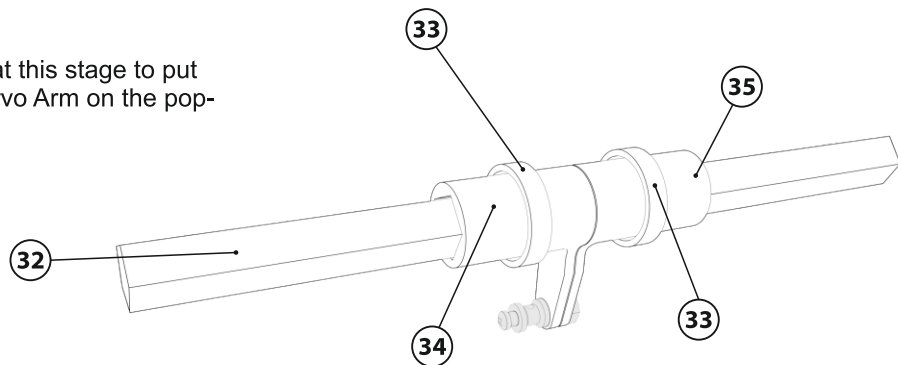


Elevators: Repeat the previous step on the right side of the movable section of the tail (parts 25-26-27) and the corresponding hinges (30-31)



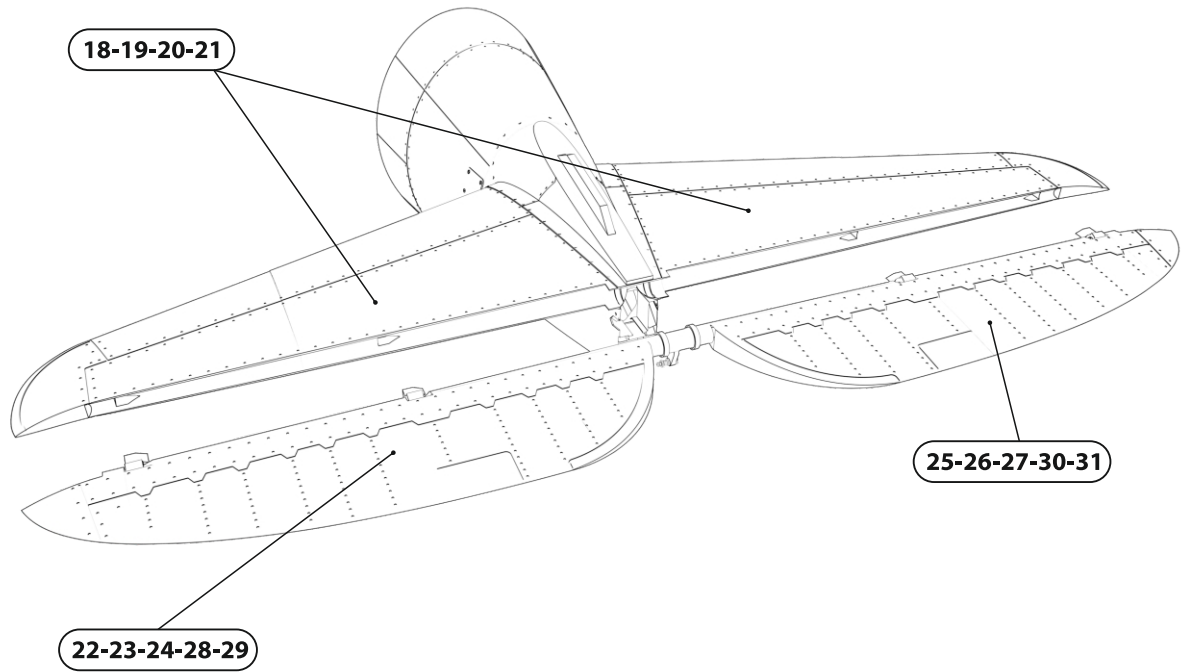
Elevators: now we prepare the axis of the pop-up starting by putting the packets of servos (34-35) on the hex axis (32) then fit the rings (33).

Elevators: We recommend at this stage to put the Stoppers Connecting Servo Arm on the pop-up shoe (34-35).

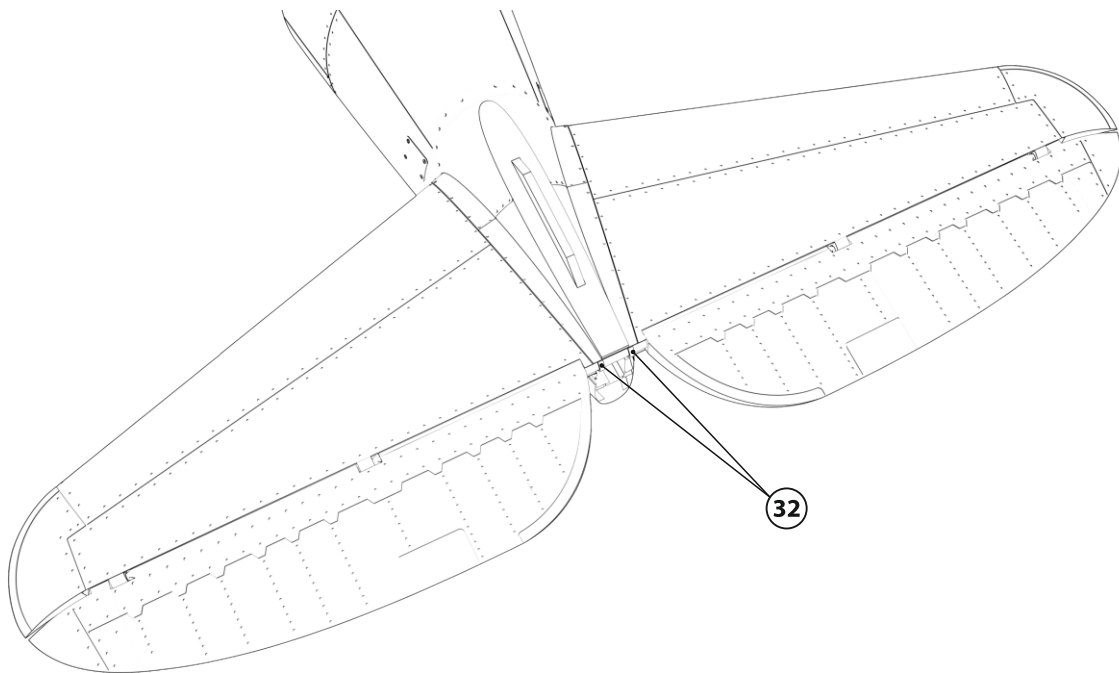


ELEVATORS

Assembly Moving Parts Elevators



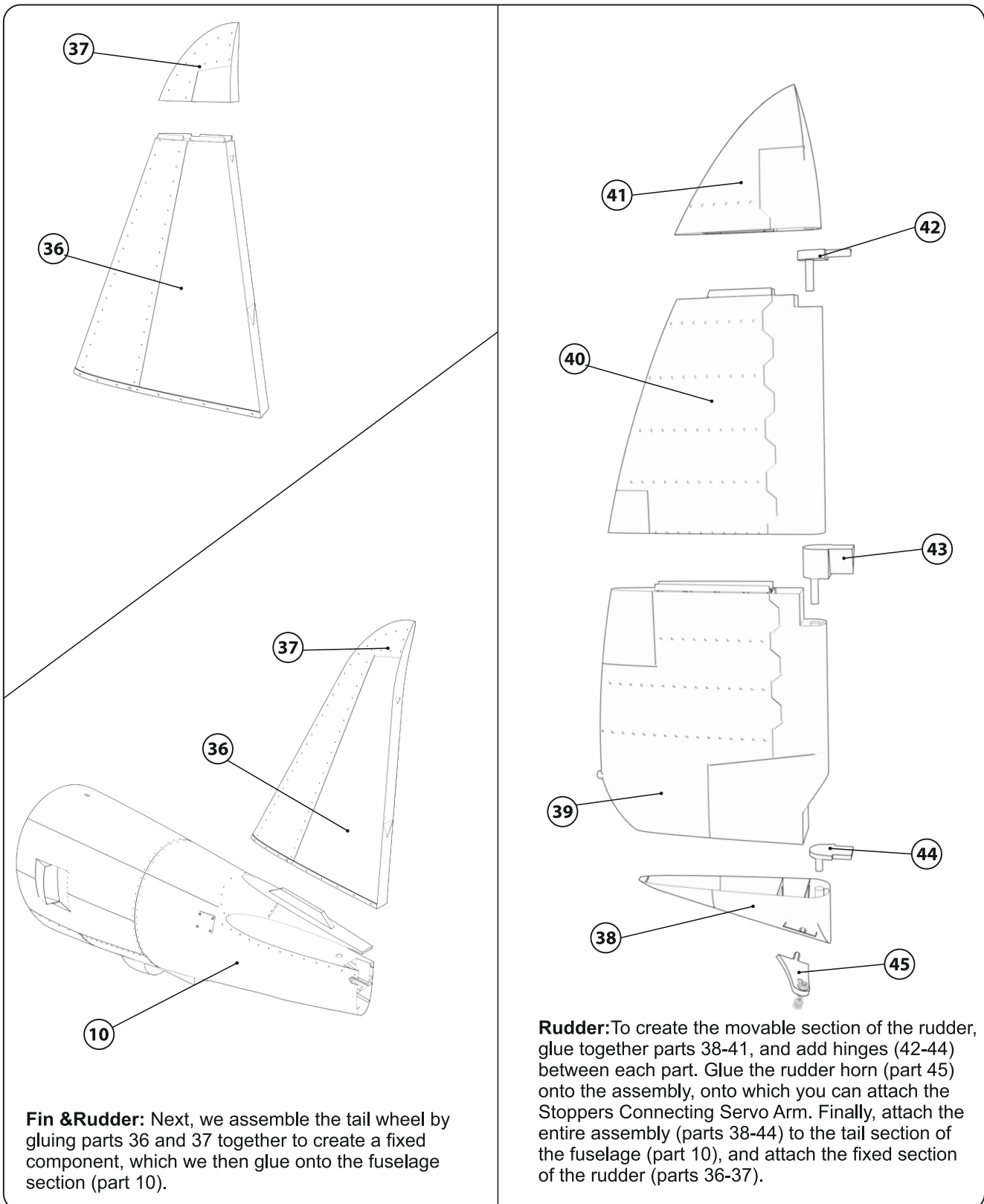
Assembly Moving Parts Elevators: Now we can attach the movable section of the tail (parts 22-31) to the fixed section using the hinge.



Assembly Moving Parts Elevators: carefully fix with glue the rings (33)

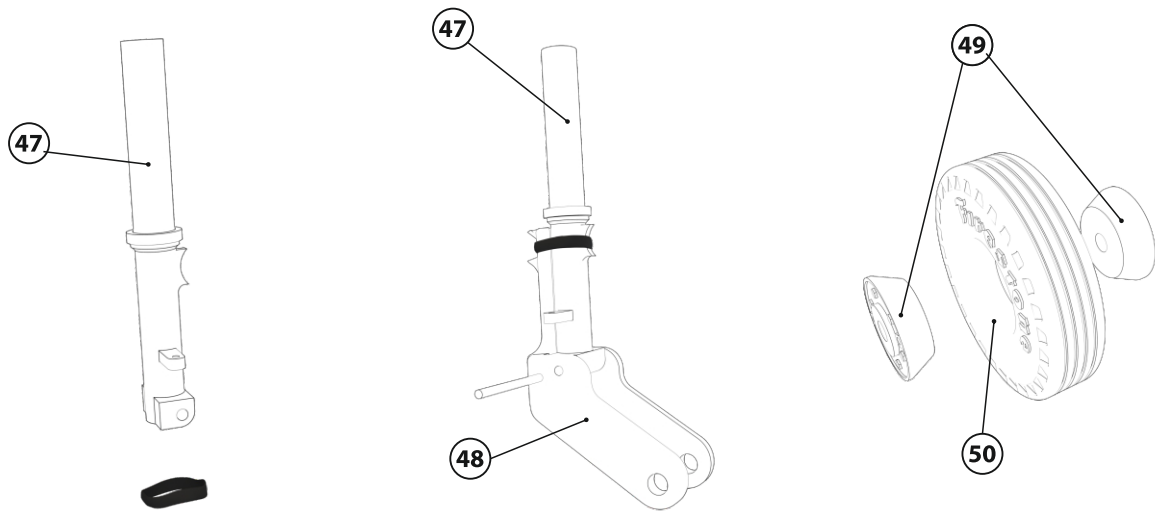
RUDDER

Fin & Rudder

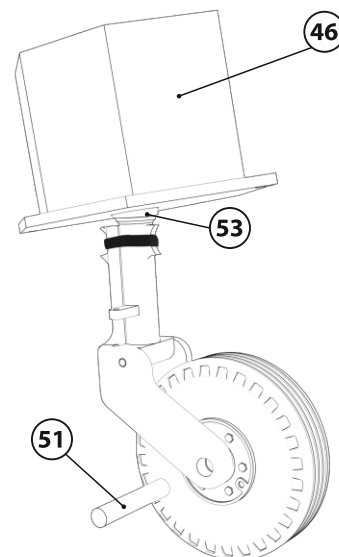
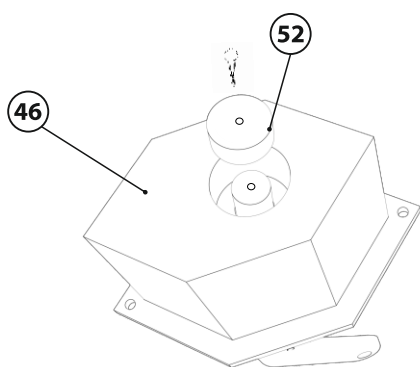


TAIL GEAR

Tail Gear Assembly



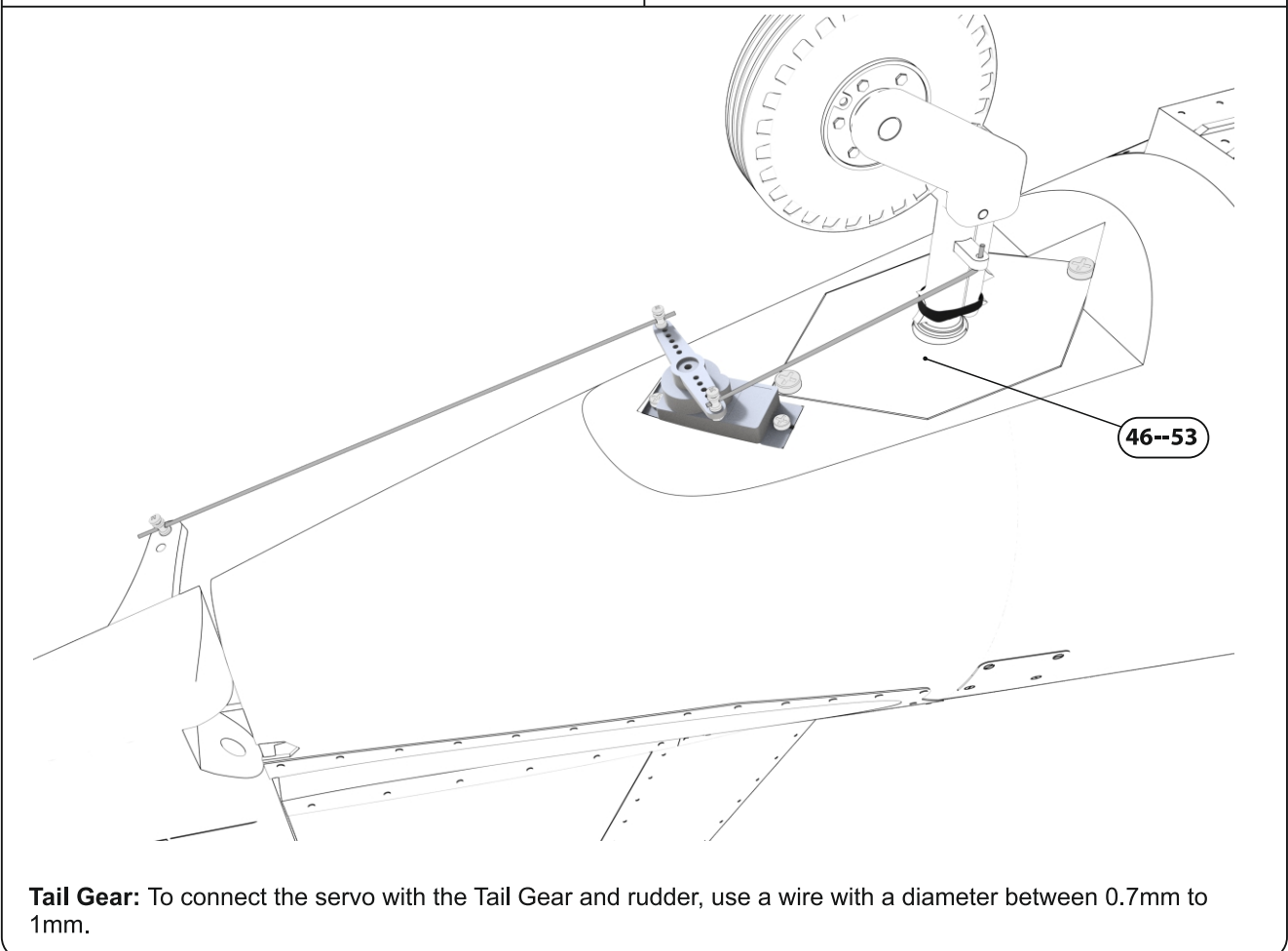
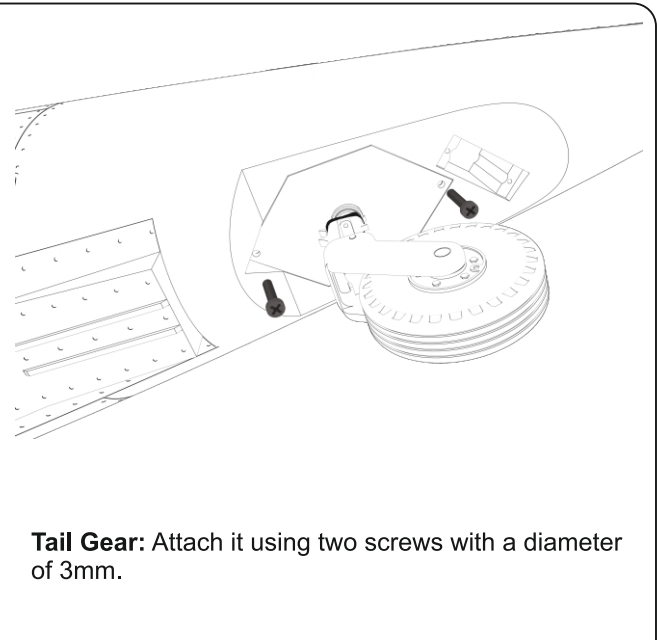
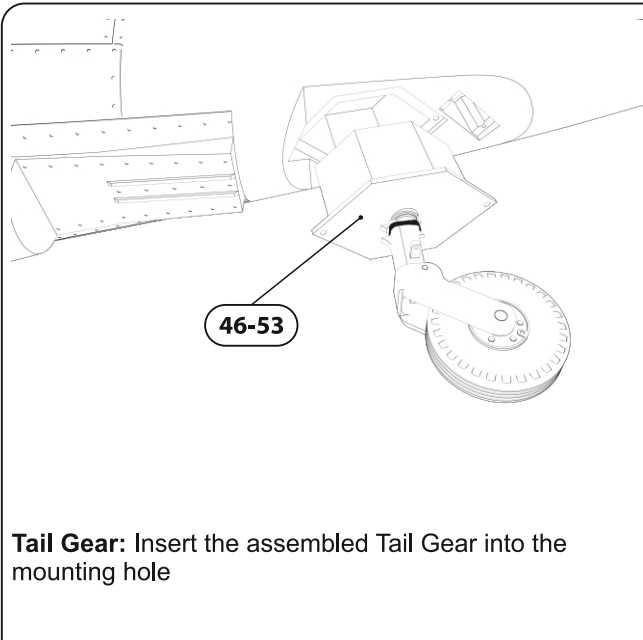
Tail Gear: First, put a rubber band on part (47), which will act as a shock absorber. Then, connect part (47) to the fork (48) using a piece of 3D printing filament as an axis. Next, assemble the wheel using parts (49-50) and place it onto the completed fork (47-48). Finally, secure the wheel in place with the axle (51).



Tail Gear: Put the circlip (53) on the fork and insert the whole assembly into the part (46) where you attach the circlip (52) now you have the rear undercarriage wheel prepared for mounting in the hull and connecting to the servo and rudder

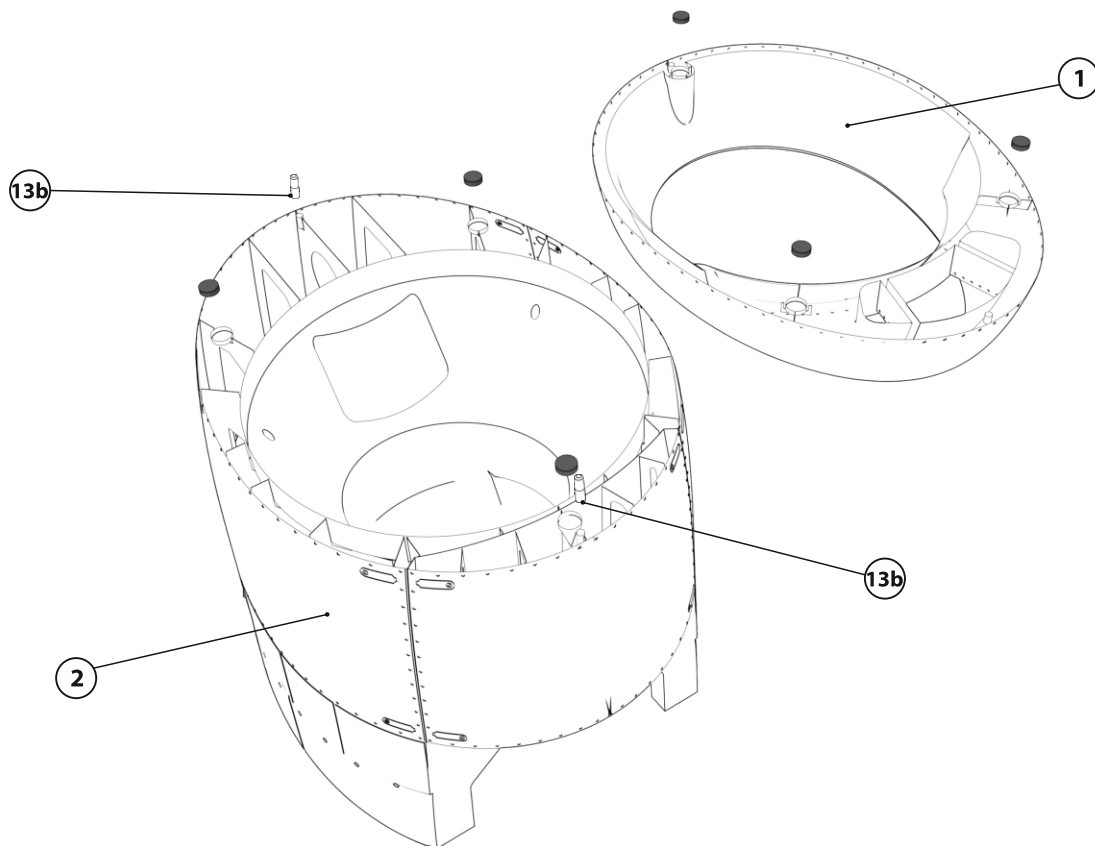
TAIL GEAR

Tail Gear Installation



MOTOR COVER

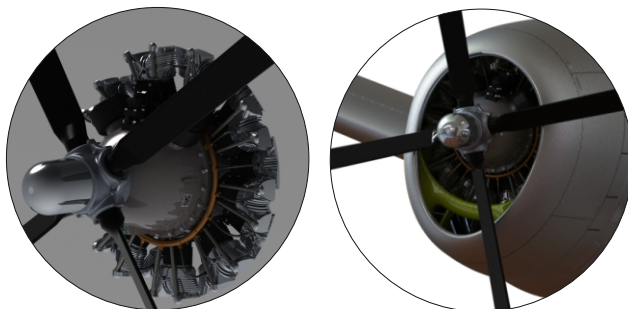
Electric Motor Installation



Motor Cover: To attach part (1) to the rest of the airplane fuselage, use 6x magnets with a diameter of 8mm and glue them into the mounting holes. Insert the locking pin (13b) into the part (2).

Motor Cover: After installing the electric motor, you can complete the fuselage assembly by gluing three magnets with a diameter of 8mm into part (1). Then, glue another three magnets with a diameter of 3mm into part (2). Now, you can connect the two parts with the magnets.

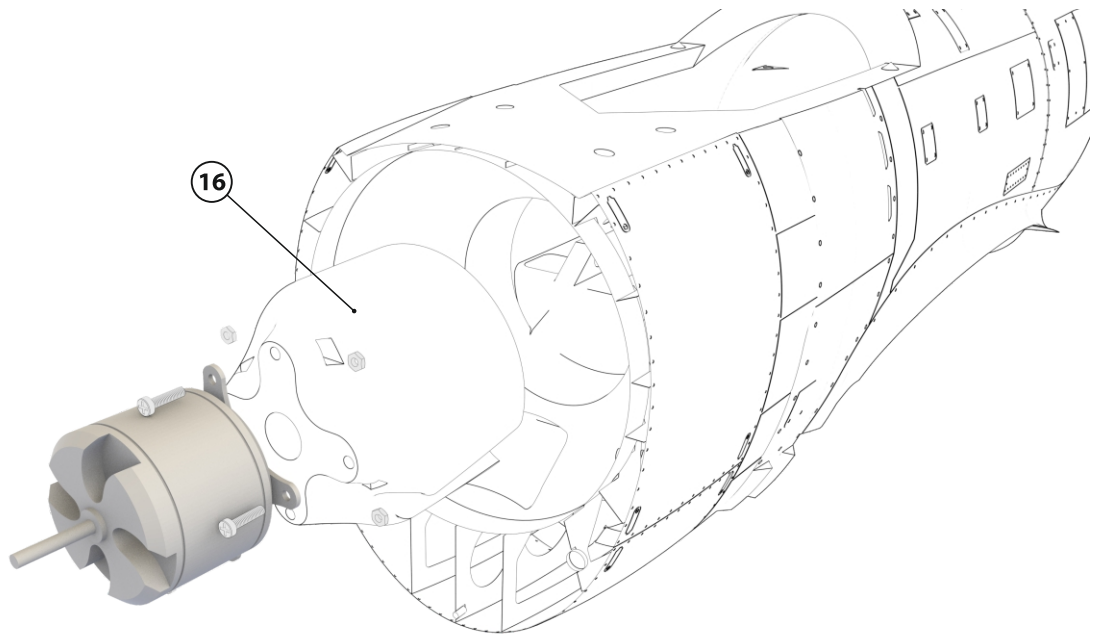
Note: If you own a P-47 Thunderbolt mock-up of the [Pratt & Whitney R-2800 engine](#), it is advisable to install it at this time.



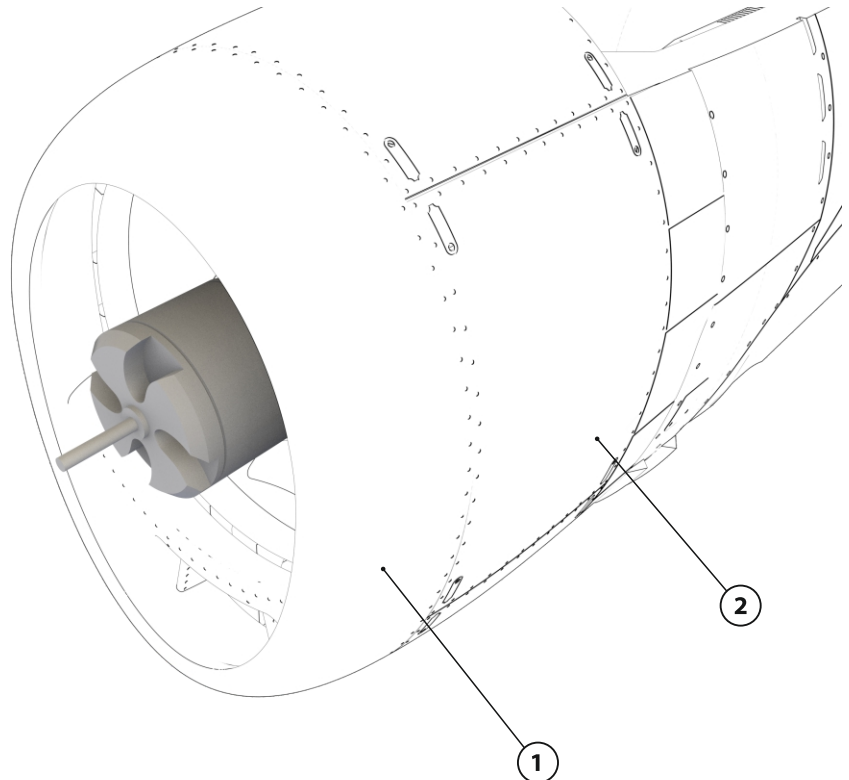
[Learn more](#)

MOTOR HOLDER

Electric Motor Installation



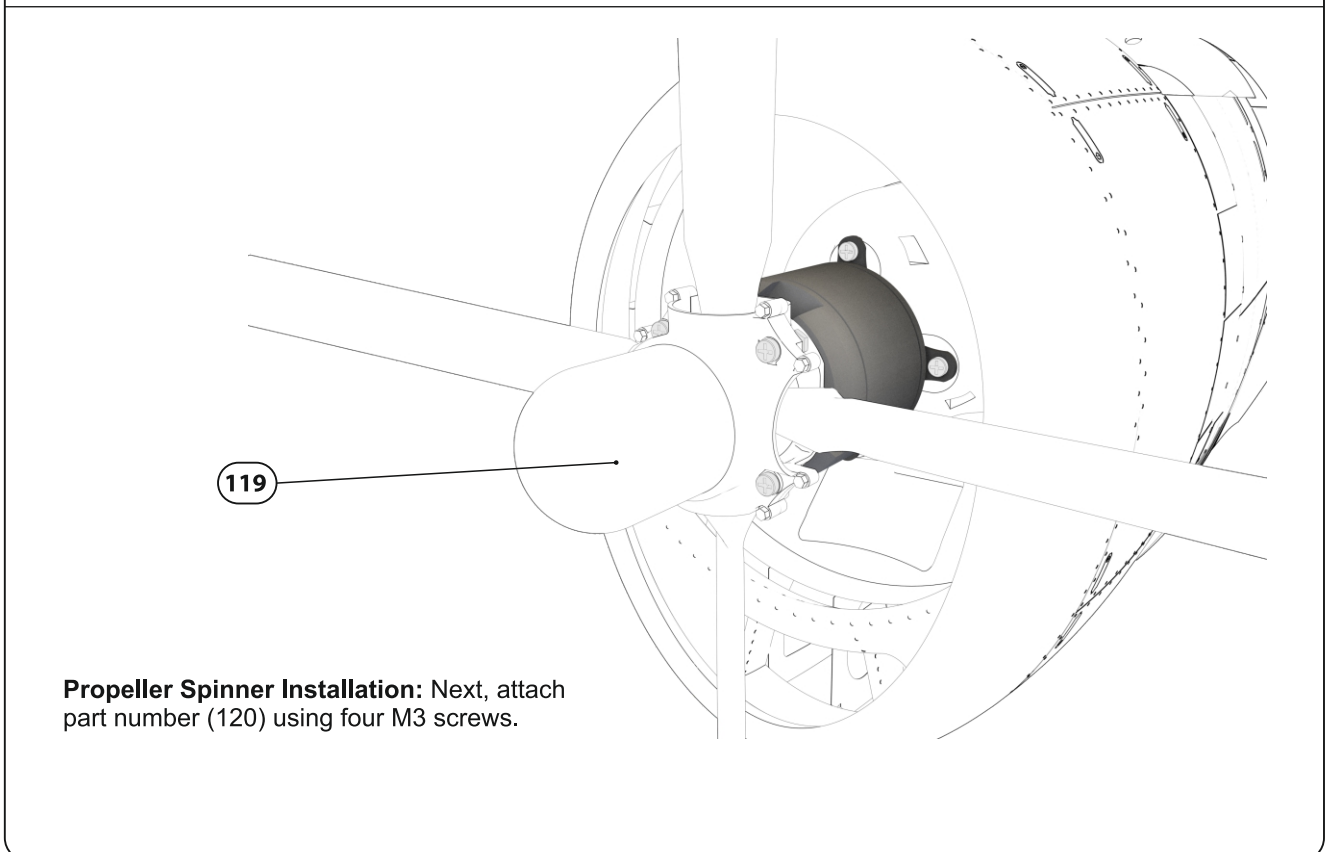
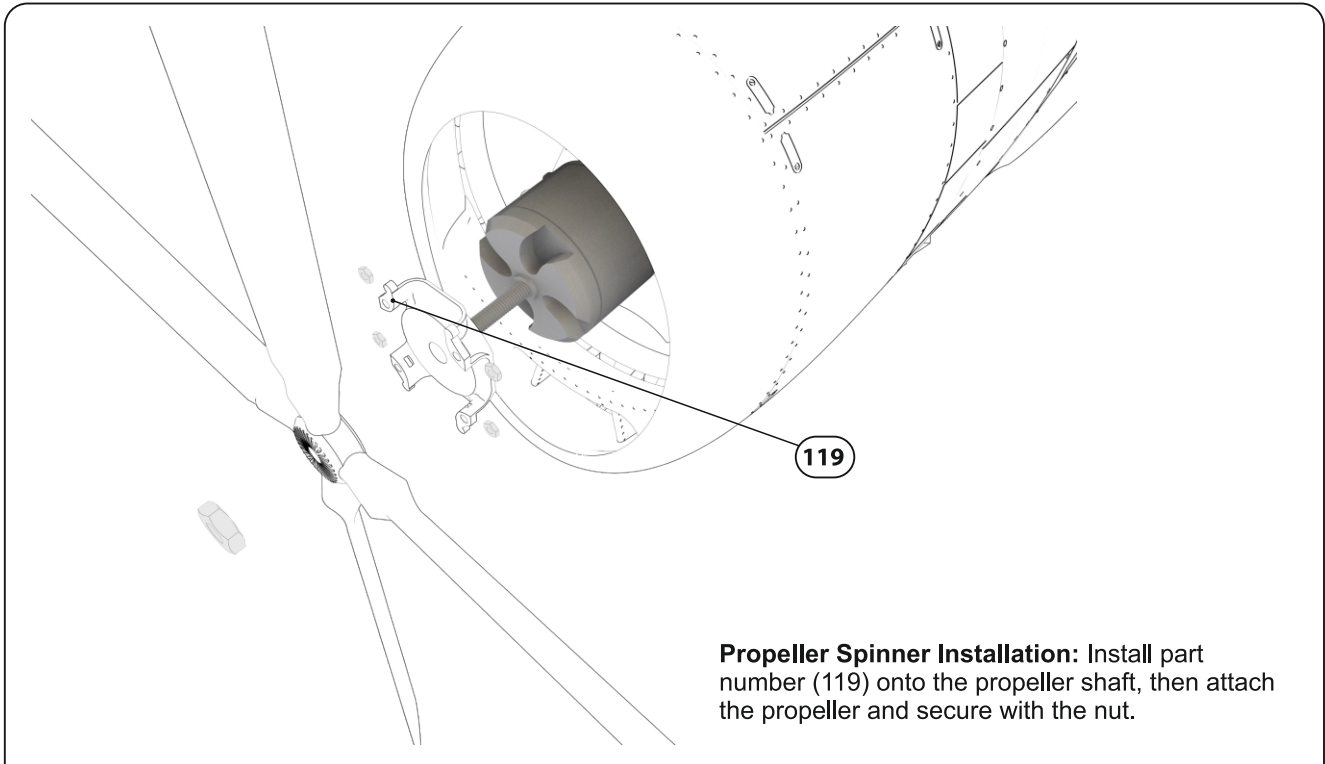
Electric Motor Installation: We will prepare the electric motor holder for mounting in the fuselage. Start by inserting 4 M5 nuts into the mounting holes in part number (16). Then attach the electric motor using screws and connect the motor controller for easier installation.



Electric motor holder installation: After ensuring that the electric motor is aligned with the front of the fuselage, glue the electric motor holder (part 16) with the electric motor and regulator into the fuselage (part 2), making sure that the propeller tip is flush with the edge of the fuselage (part 1). It is recommended to glue it with the propeller mounted and ensuring that it does not touch the front part of the fuselage (part 1).

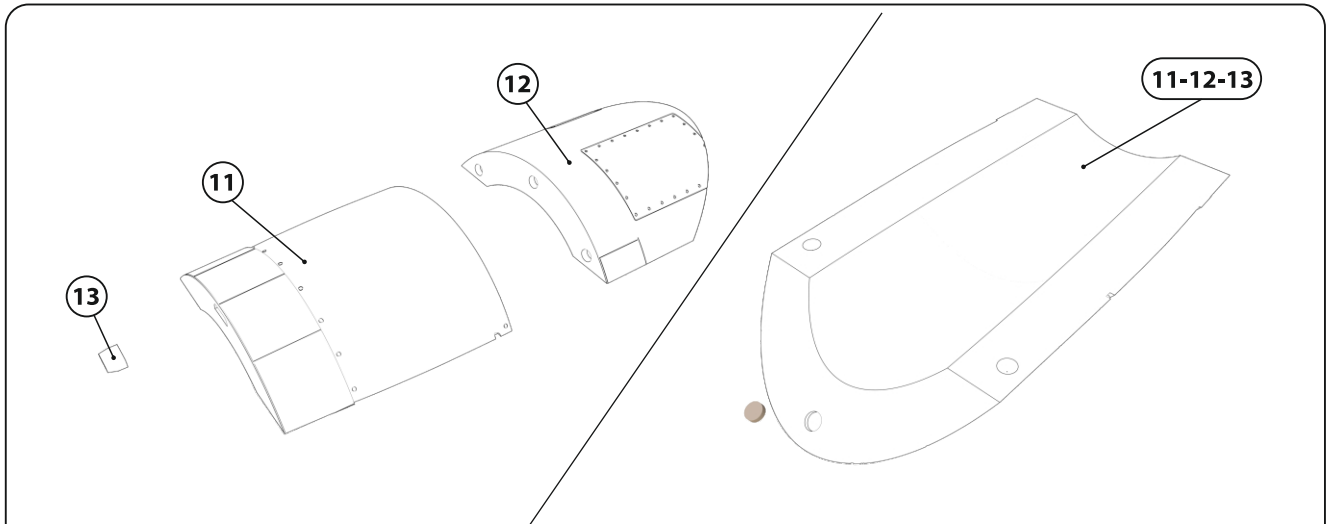
PROPELLER

Propeller Spinner Installation

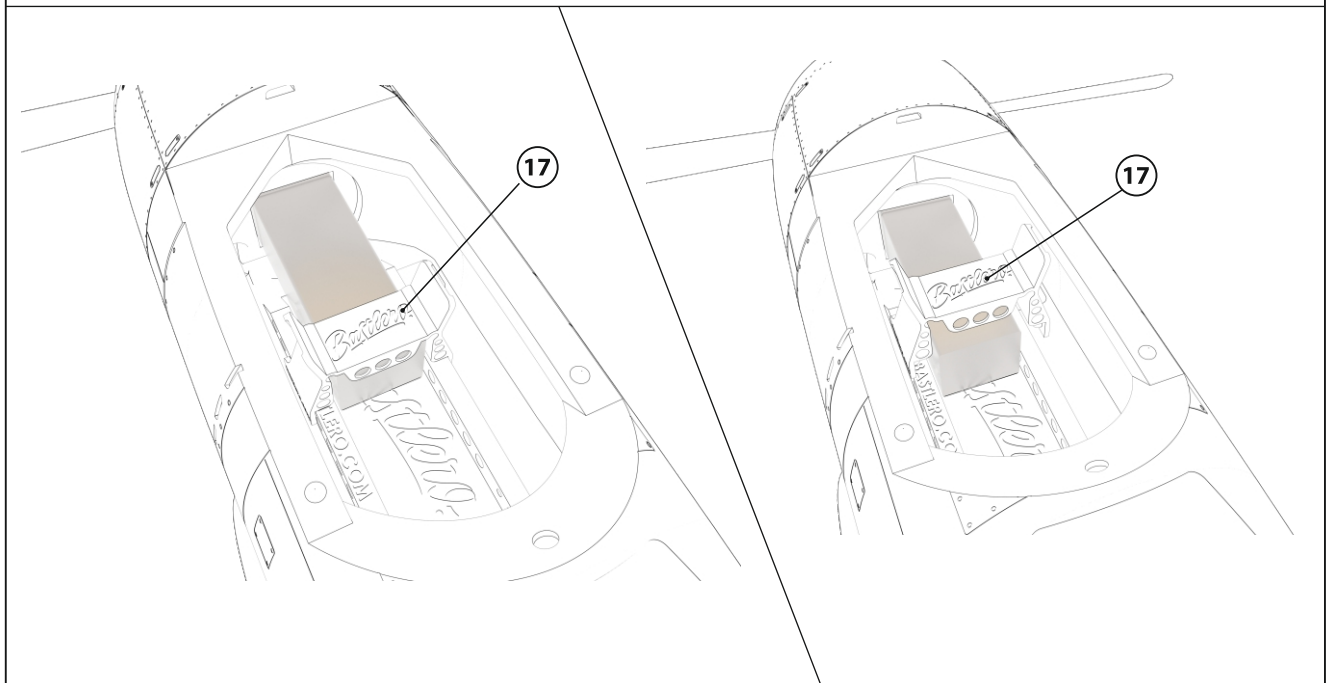


BATTERY

Battery Installation



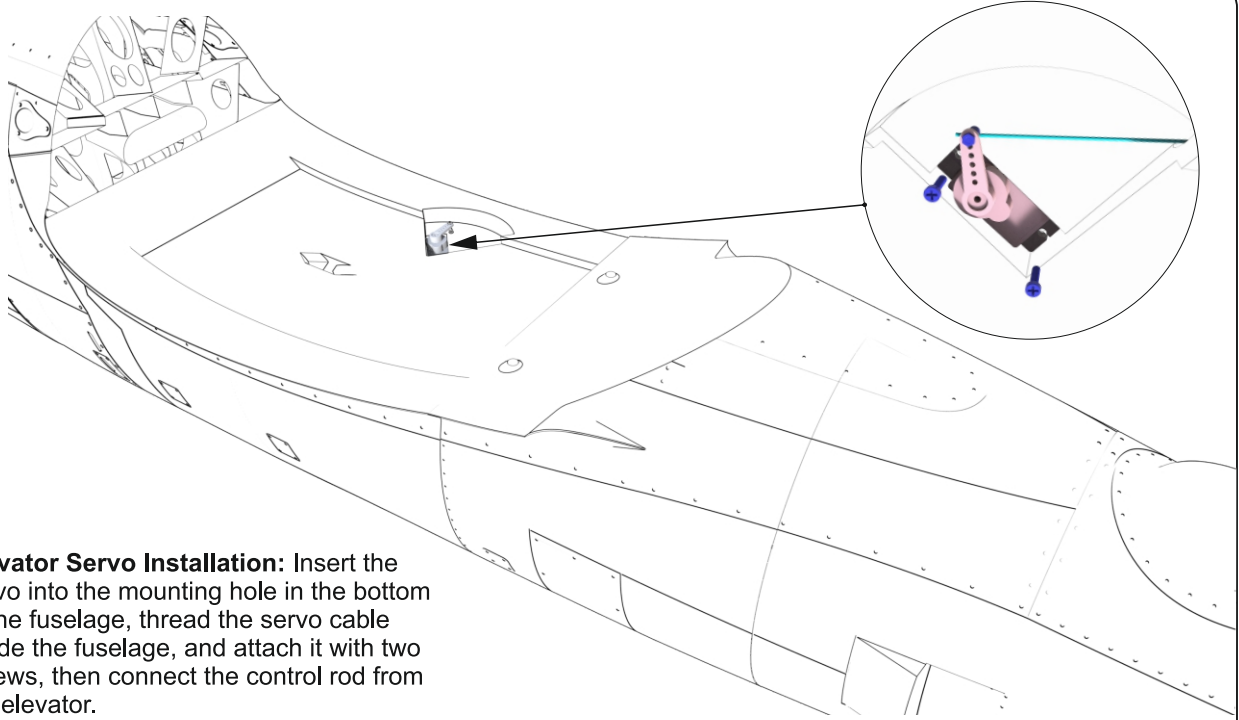
Battery cover installation: Glue the parts (11-12-13) together and insert a magnet with a diameter of 8mm into the mounting hole.



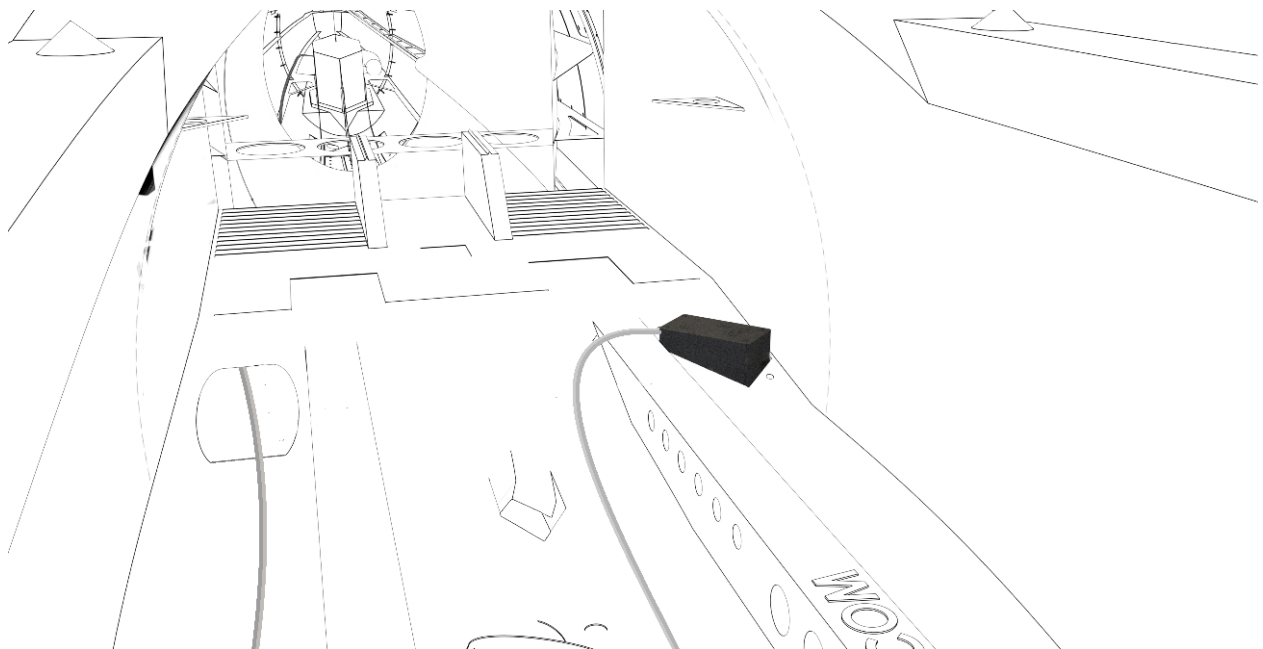
Battery installation: Now you can test the insertion of the battery and the use of the battery clip (17)

SERVOS INSTALLATION

Elevator Servo Installation



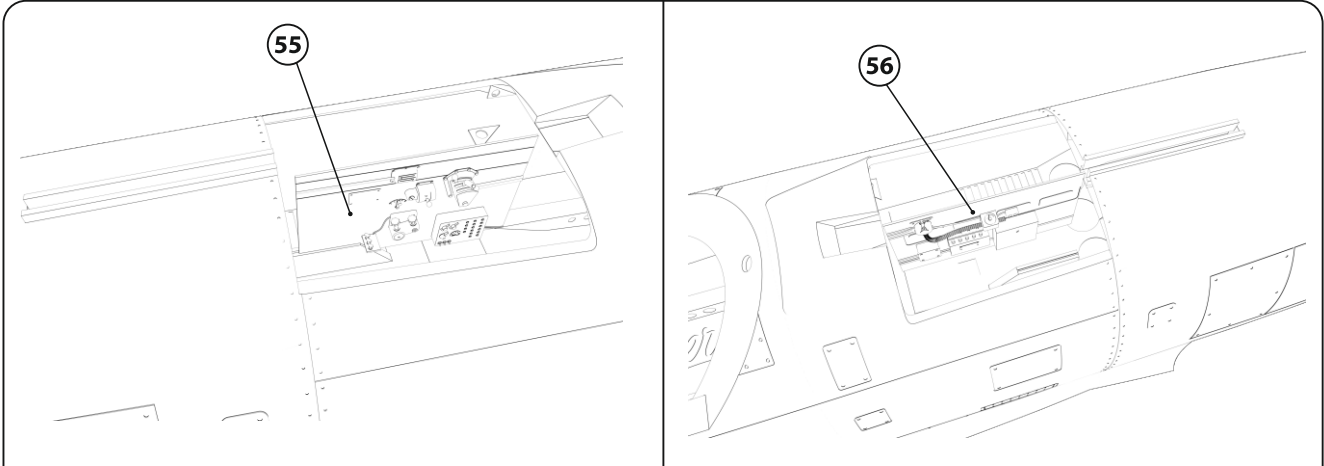
Elevator Servo Installation: Insert the servo into the mounting hole in the bottom of the fuselage, thread the servo cable inside the fuselage, and attach it with two screws, then connect the control rod from the elevator.



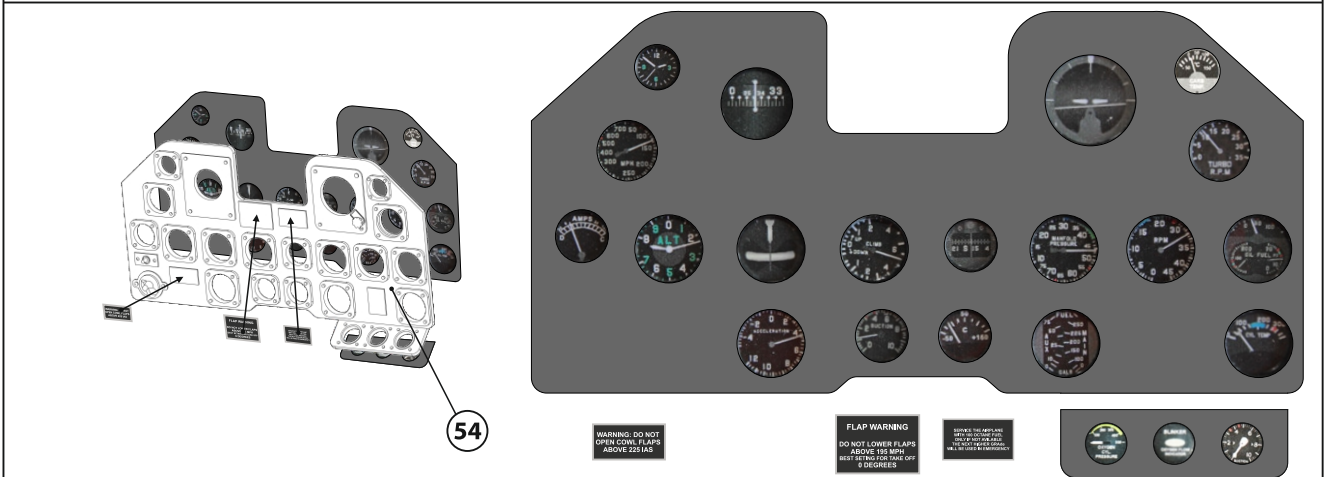
Elevator Servo Installation: Connect the cable inside the fuselage to the receiver.

COCKPIT

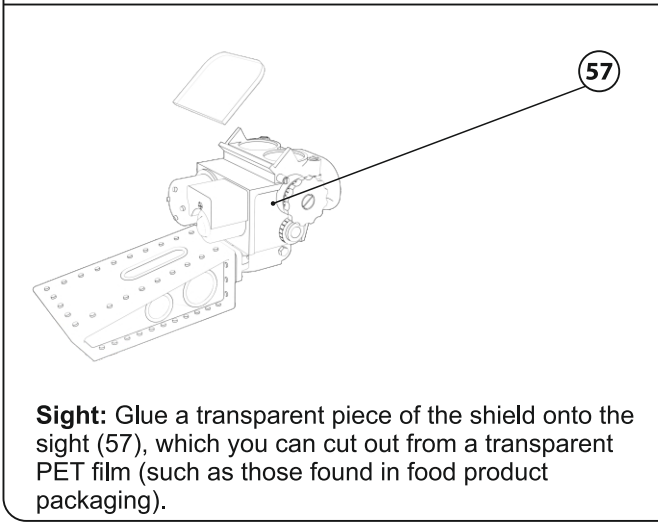
Instruments Panels Installation



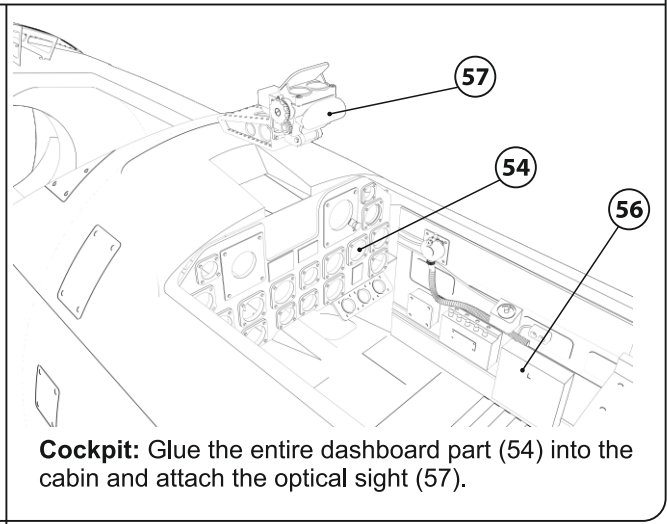
Instrument Panels Installation: When assembling the cabin interior, start by gluing the side controls on the left side (55) and the right side (56)



Dashboard: The dashboard (54) goes under the printed and cut-out image of the instrument panel, along with the description printed from the laser printer.



Sight: Glue a transparent piece of the shield onto the sight (57), which you can cut out from a transparent PET film (such as those found in food product packaging).



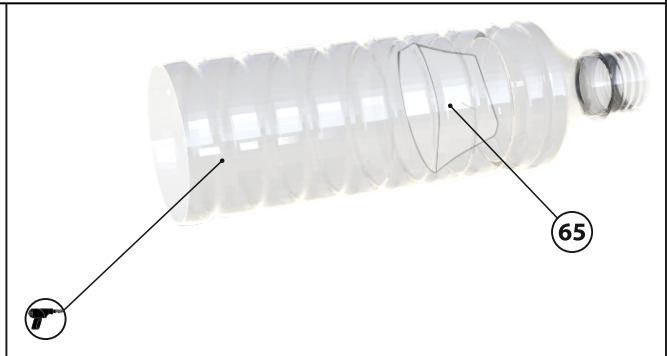
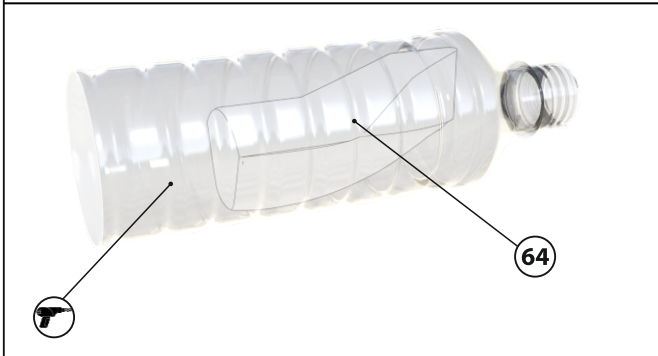
Cockpit: Glue the entire dashboard part (54) into the cabin and attach the optical sight (57).

COCKPIT

Bubble Canopy

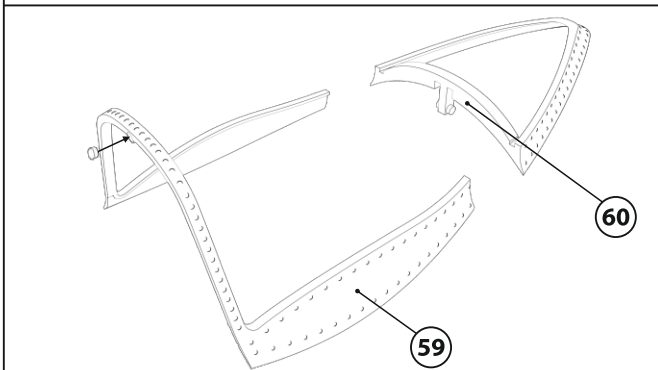
Canopy: When assembling the canopy, decide whether to use a printed bubble canopy or make a transparent one using a PET bottle and printed molds.

 Video instruction

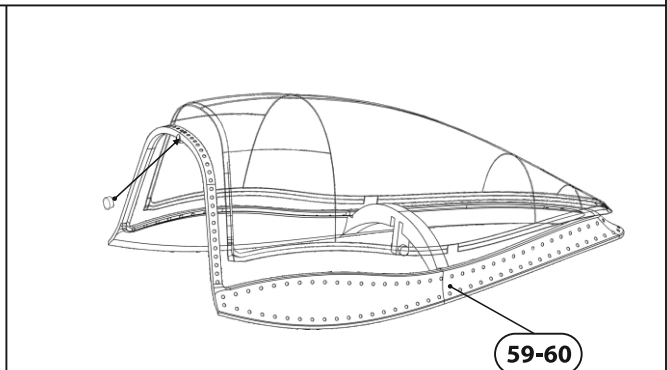


Canopy: If you choose to make your own, print the parts (64-65) using PET material and place them inside a 2.5L PET soda bottle. Fill the space between the mold and the bottle with, for example, old fabric, and then carefully heat them using a heat gun. The top of the bottle will shrink, creating a beautiful striped glass for your canopy.

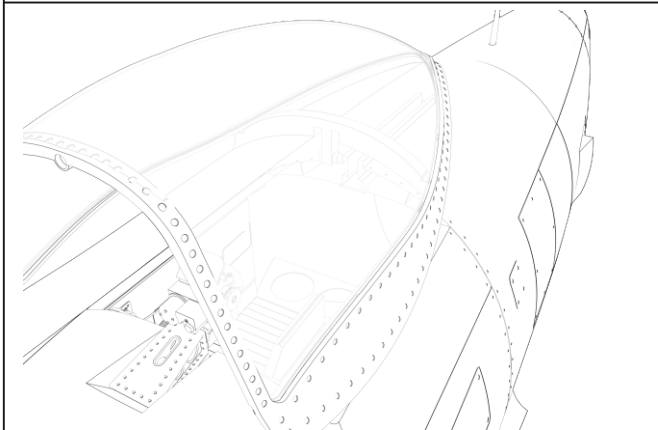
Note: If you do not plan to make the canopy, use parts (58B-60B).



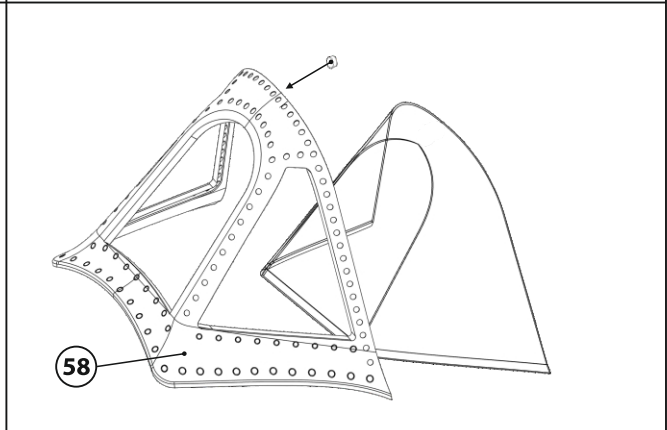
Canopy: Glue the canopy frame (59-60) and attach a 3mm diameter magnet onto the upper part to secure it.



Canopy: cut plexiglass from the moulds (64) and glue into the frame (59-60)



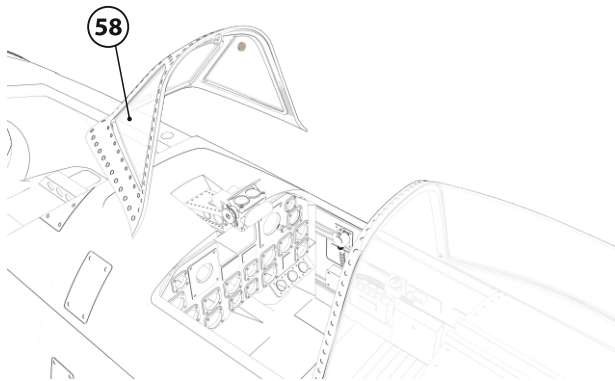
Canopy: Insert the assembled canopy part (59-60) into the opening so that it can move, allowing the cabin to be opened and closed.



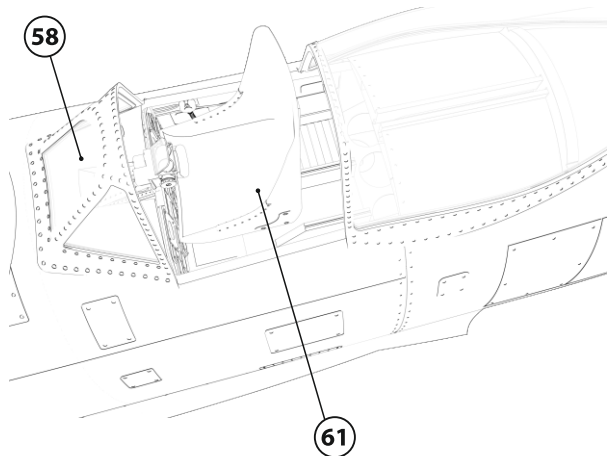
Canopy: cut plexiglass from the moulds (65) and glue into the frame (58) glue a magnet with a diameter of 3mm into the upper part

COCKPIT

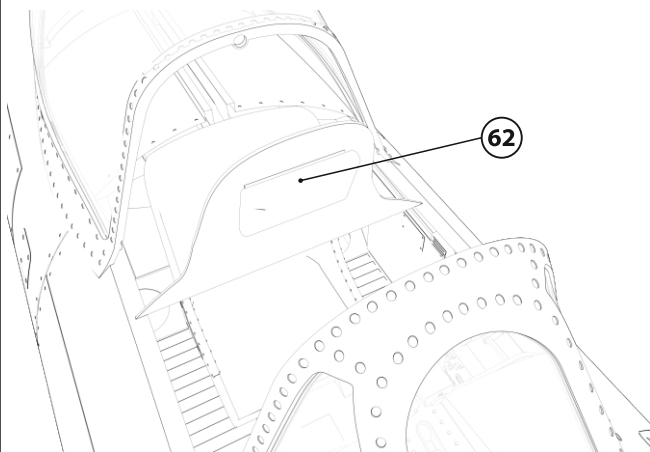
Bubble Canopy & Interior



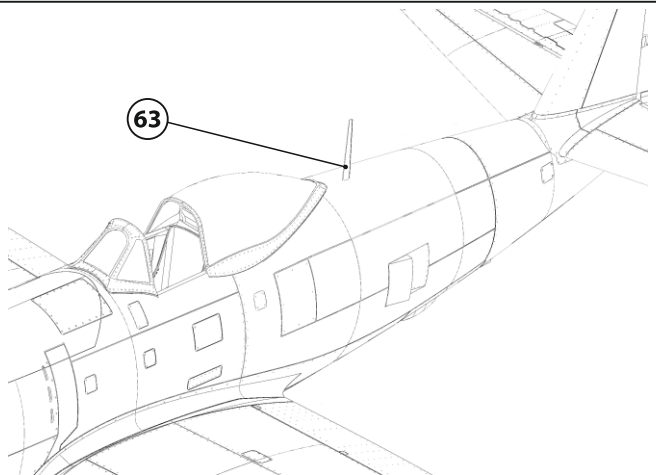
Canopy: Glue the Canopy Front Frame (58) to the fuselage.



Cockpit Interior: Glue the seat (61) into the cockpit.



Cockpit Interior: Glue the headrest (62) into the cockpit.



Antenna: Glue the Antenna (63) onto the fuselage.

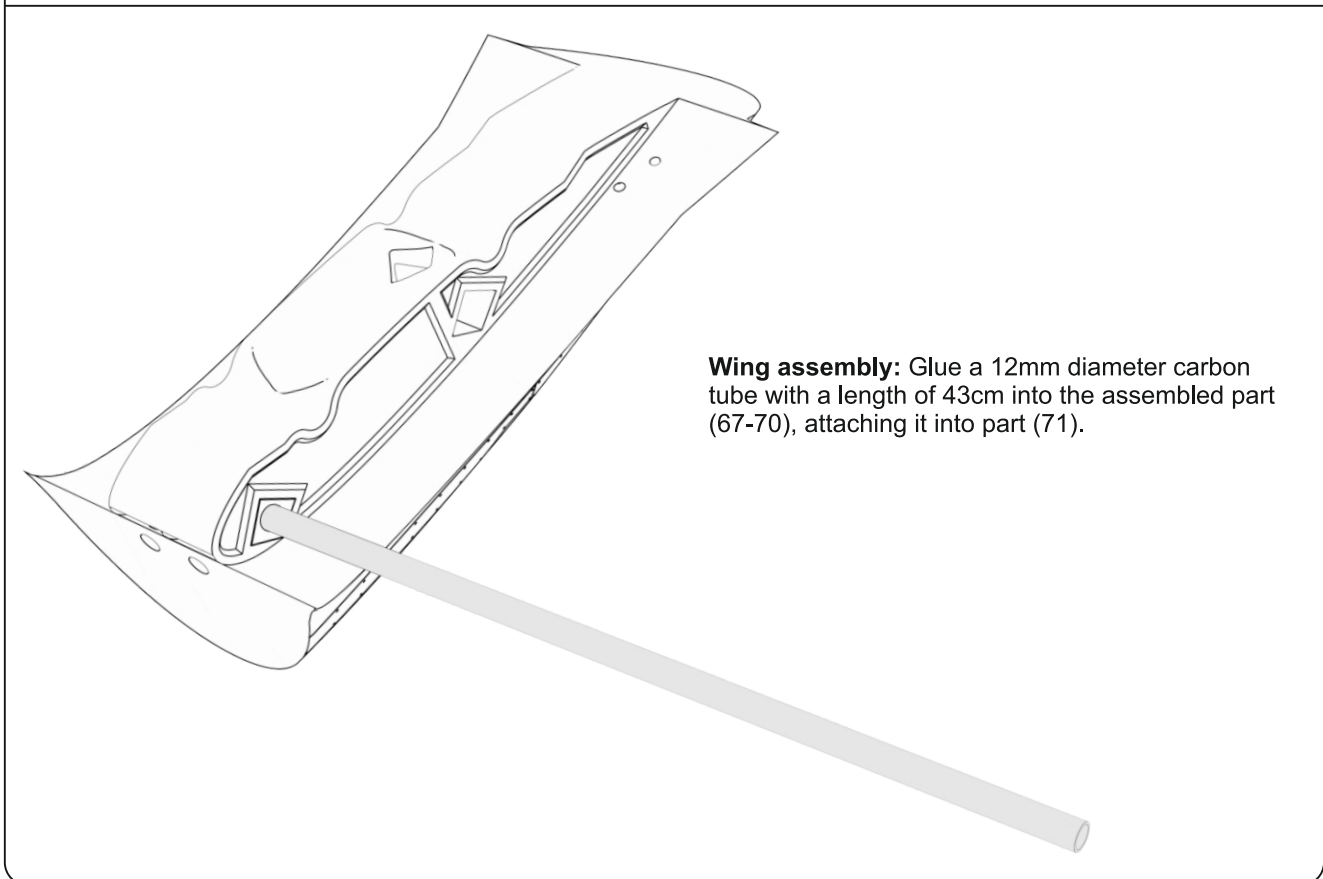
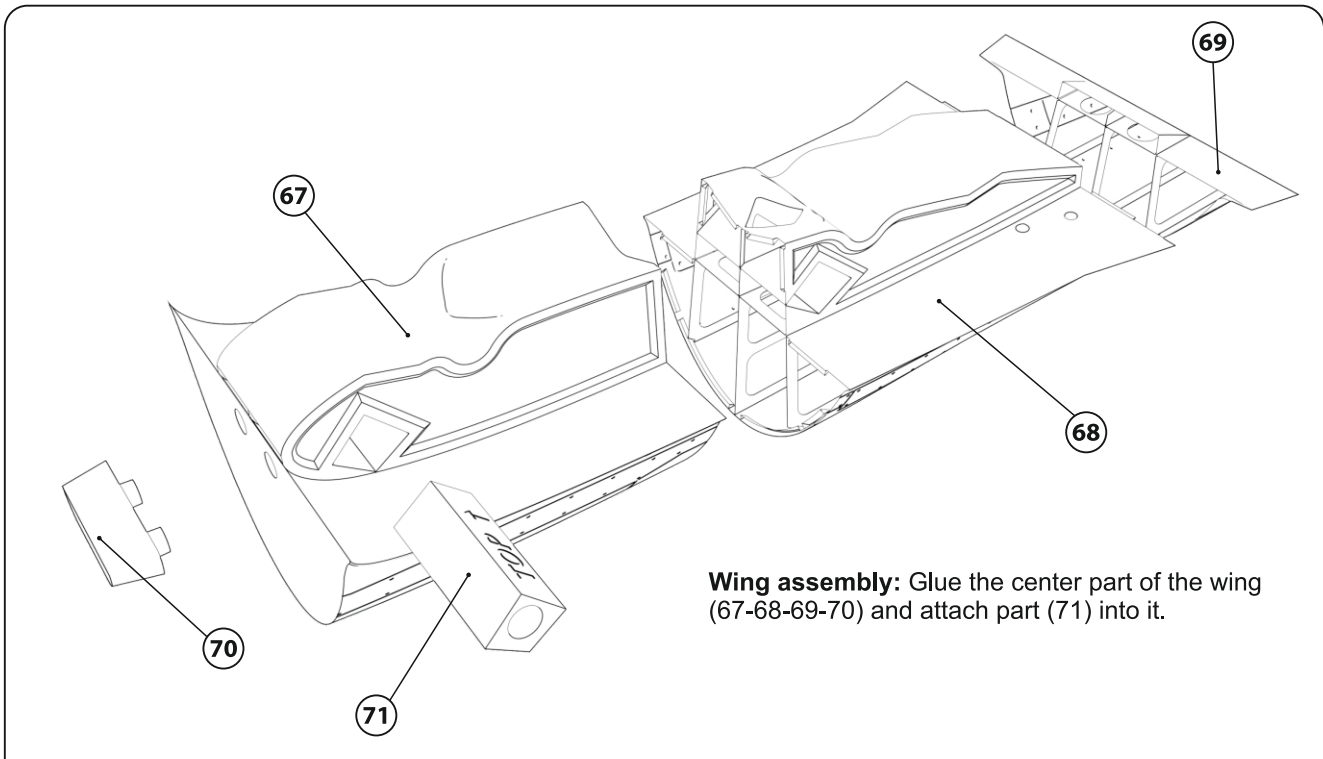
Note: If you have a P-47 Pilot figure, it is recommended to install it at this point.



[Learn more](#)

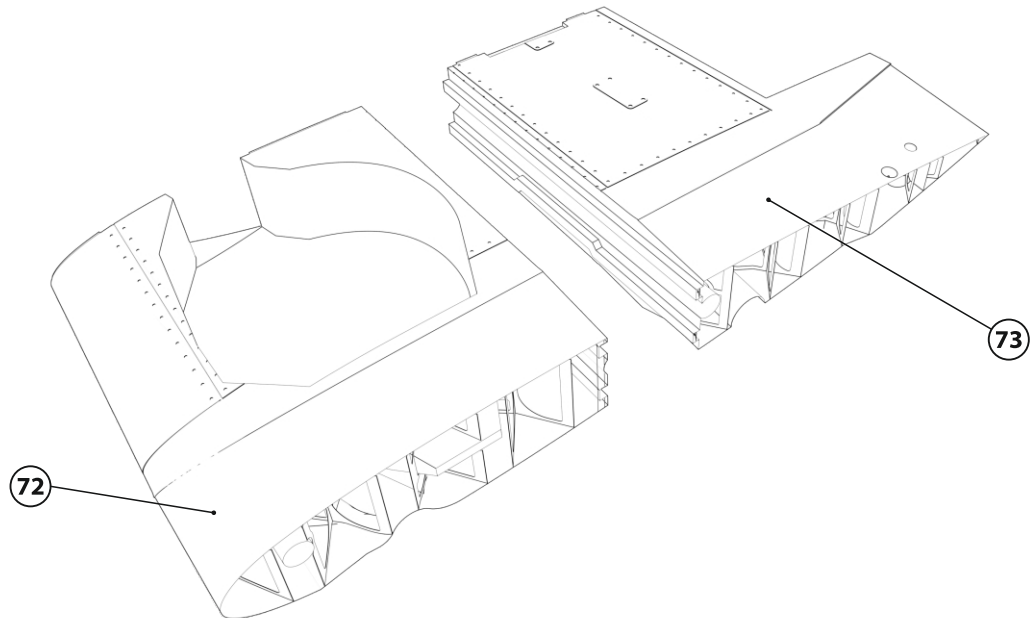
WING

Assembly of the middle Wings



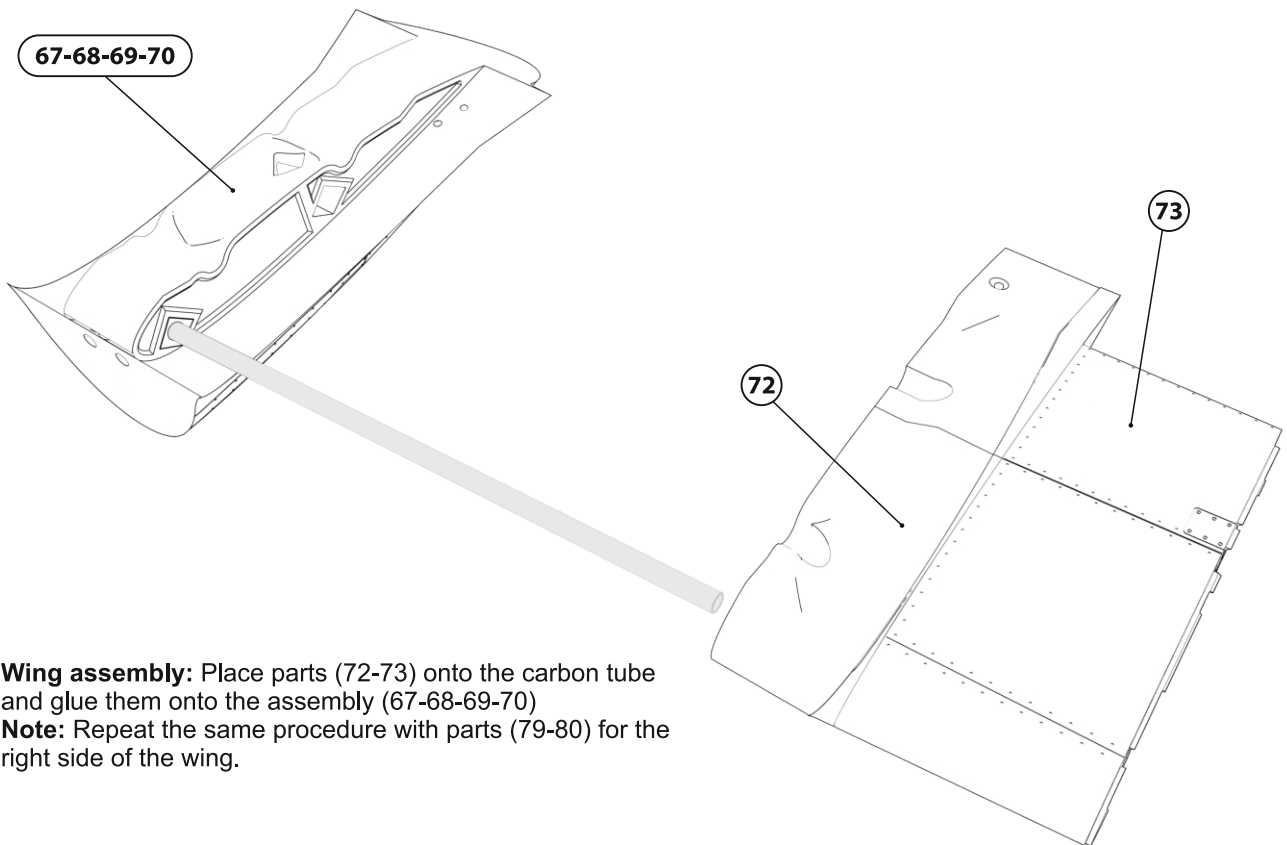
WING

Wing Assembly



Wing assembly: Glue parts (72) and (73)

Note: To ensure that all parts of the wing fit together properly, carefully clean them or remove any

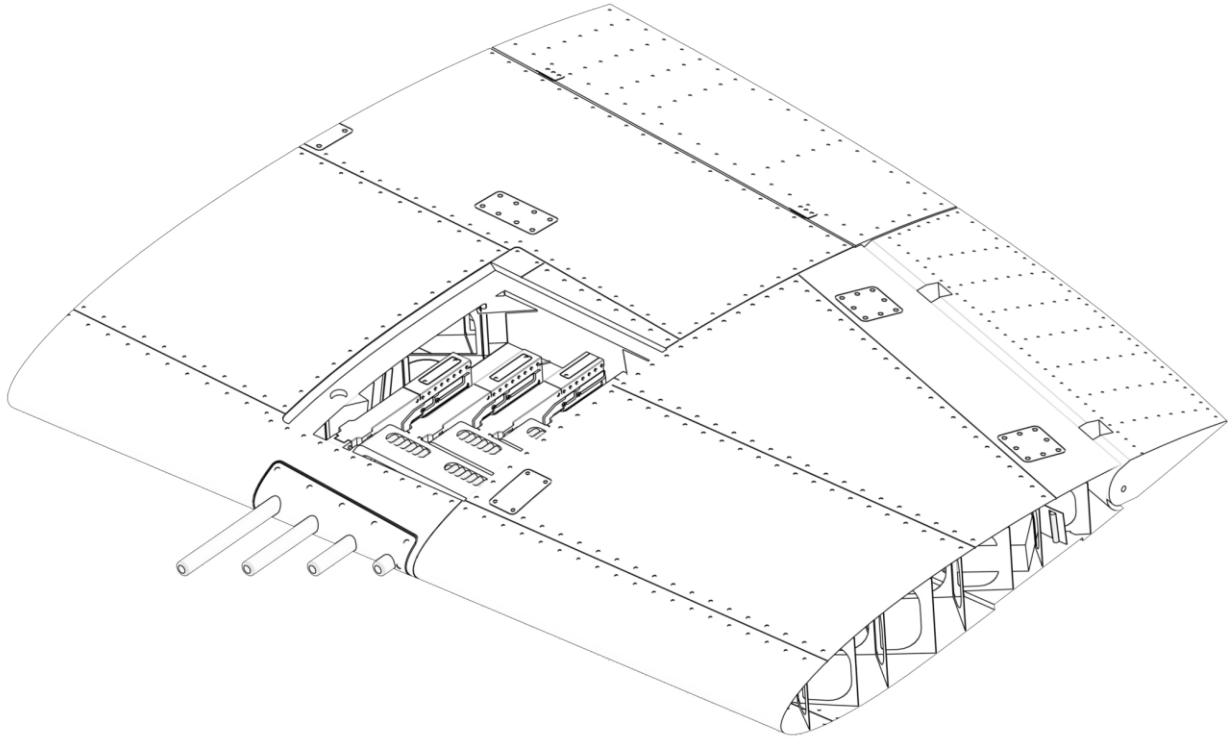


Wing assembly: Place parts (72-73) onto the carbon tube and glue them onto the assembly (67-68-69-70)

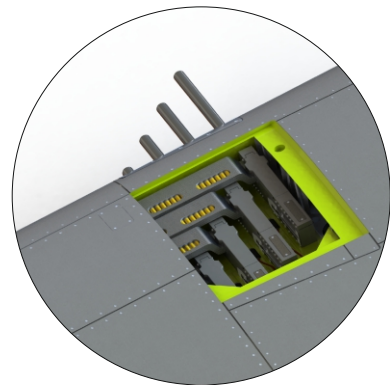
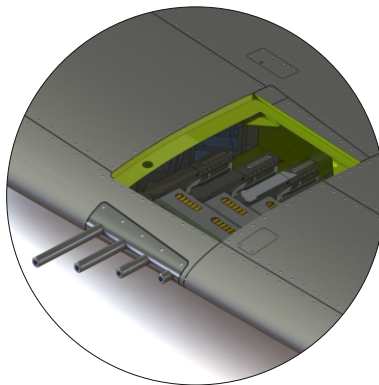
Note: Repeat the same procedure with parts (79-80) for the right side of the wing.

WING

Wing Assembly - Machine Guns Expansions



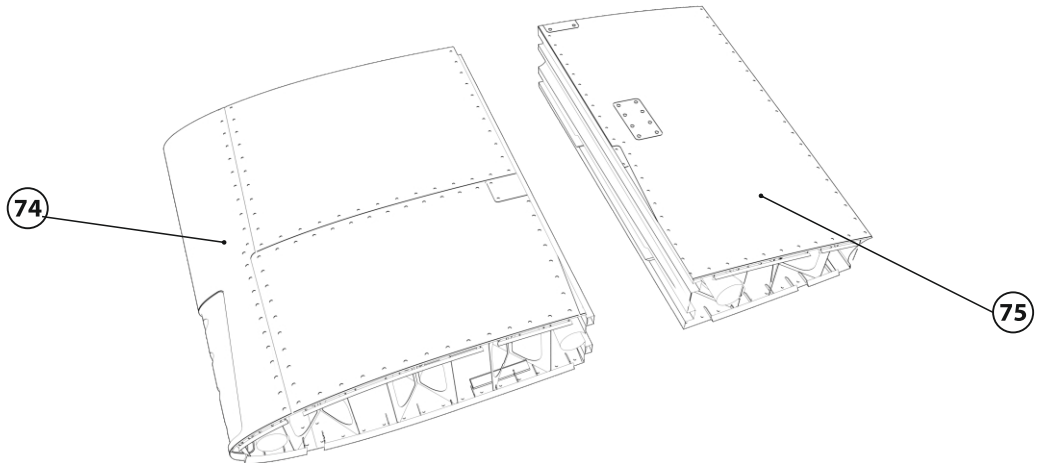
EXPANSION MACHINE GUNS BROWNING CAL.50: It is possible to enhance the P-47 model with the Browning Cal.50 mock-up extension at this point in the construction. However, this will no longer be possible if left for later.



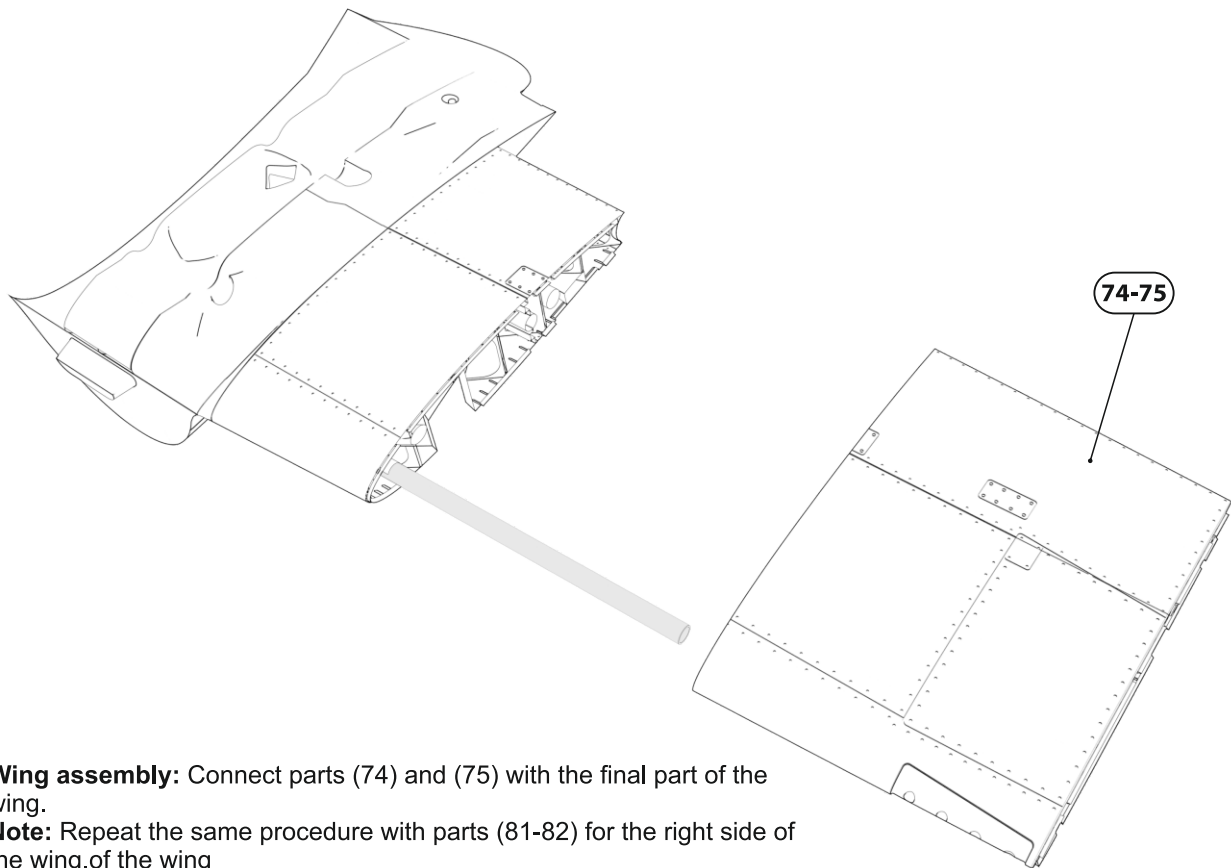
[Learn more](#)

WING

Wing Assembly



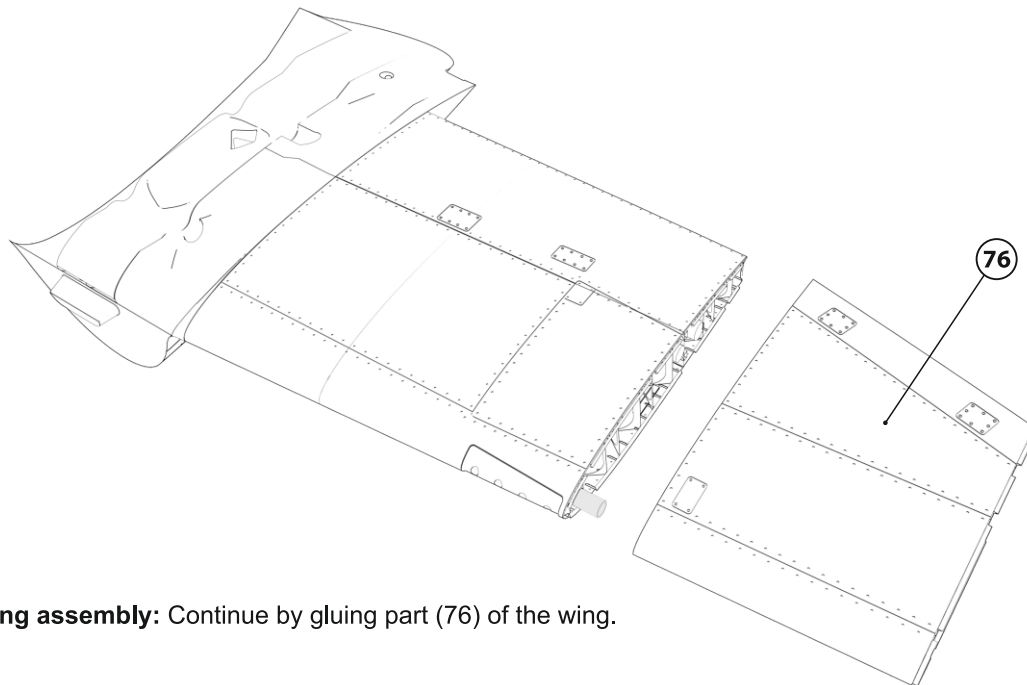
Wing assembly: Glue parts (74) and (75) together.



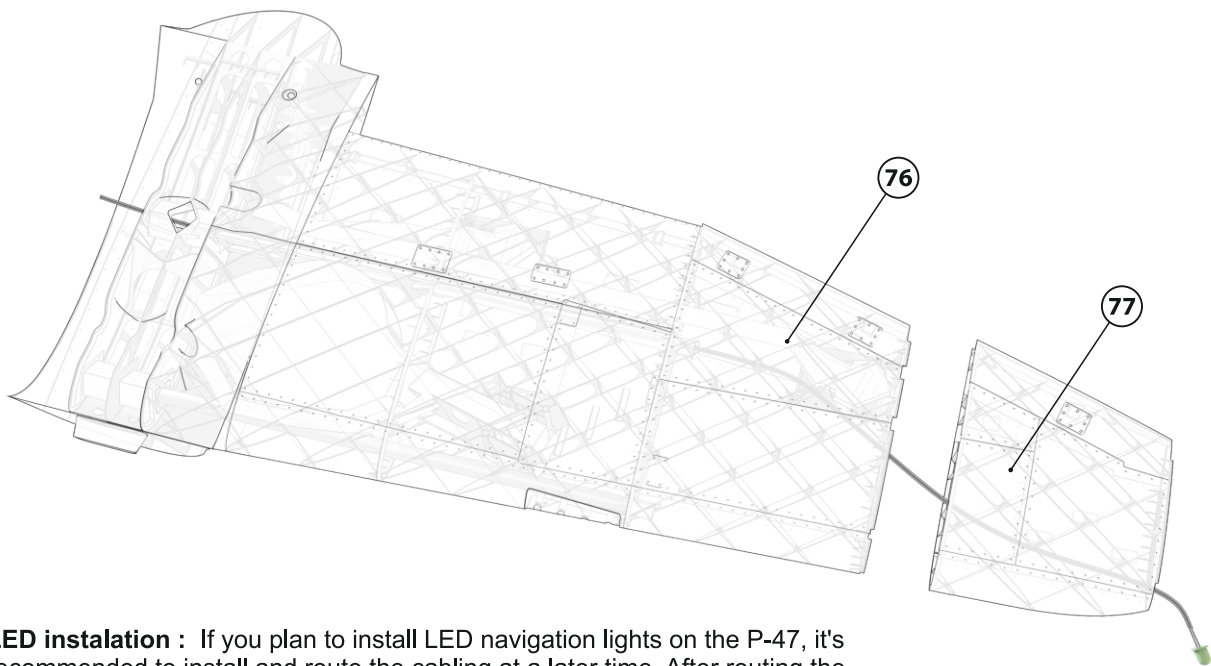
Wing assembly: Connect parts (74) and (75) with the final part of the wing.
Note: Repeat the same procedure with parts (81-82) for the right side of the wing.

WING

Wing Assembly & LED Light Instalation



Wing assembly: Continue by gluing part (76) of the wing.

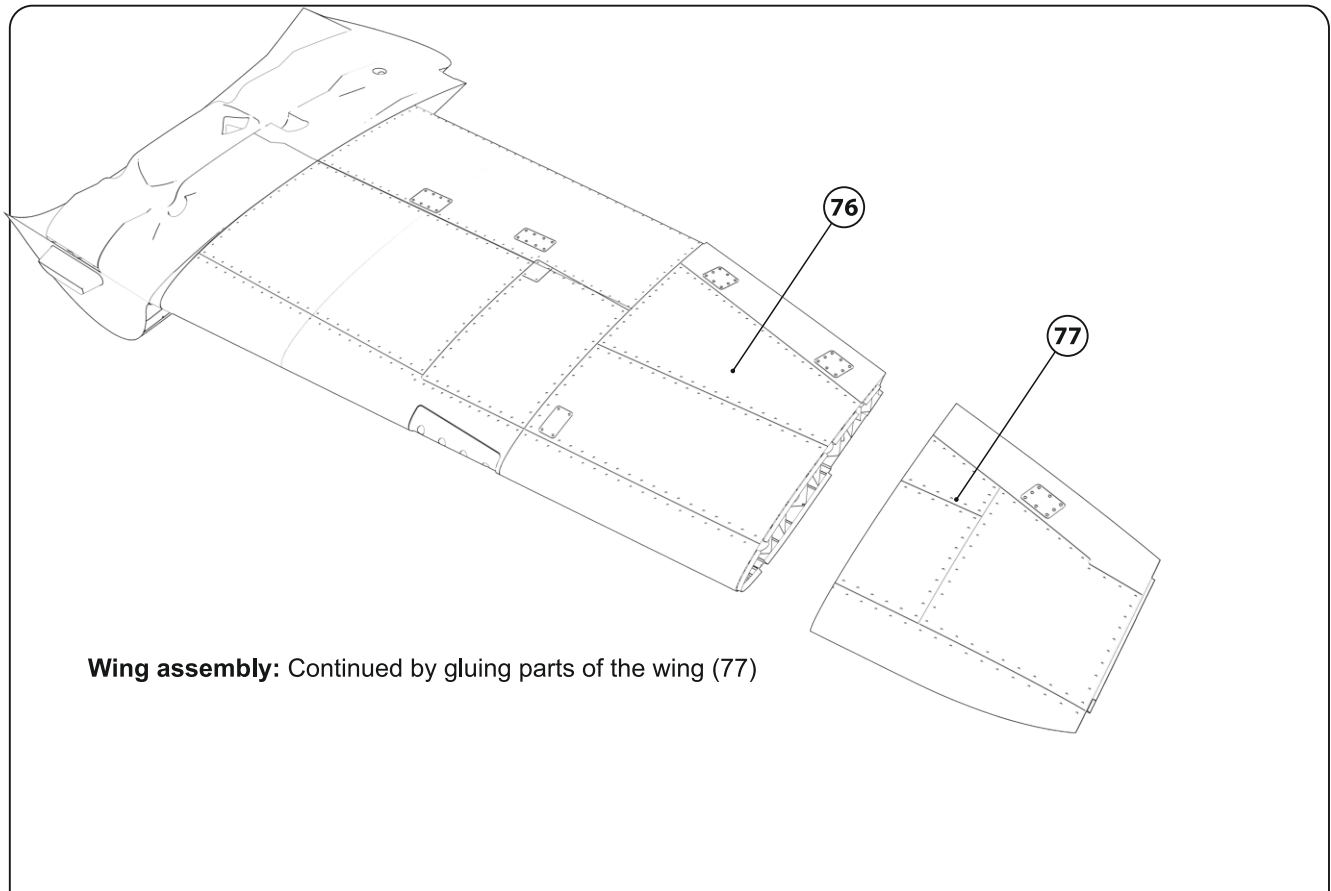


LED instalation : If you plan to install LED navigation lights on the P-47, it's recommended to install and route the cabling at a later time. After routing the cable, attach part number (77).

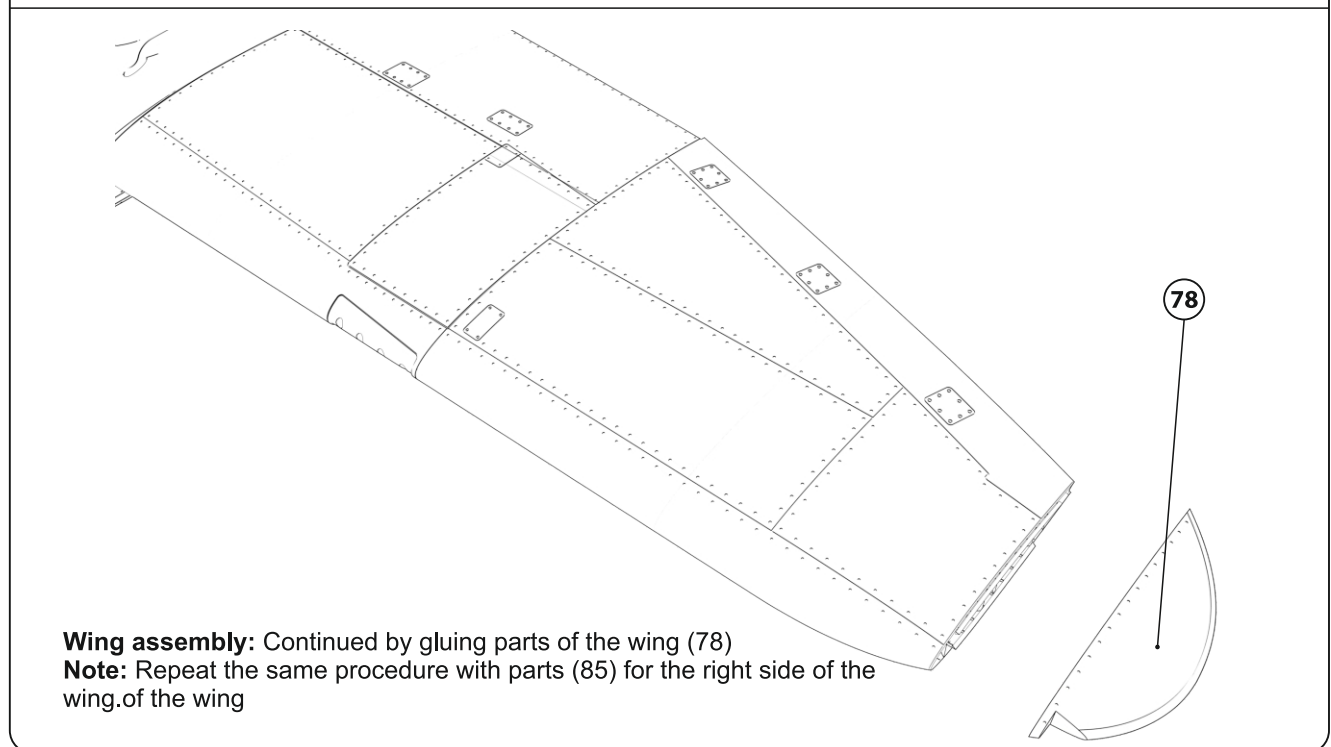
Note: Repeat the same procedure with parts (83-84) for the right side of the wing.of the wing

WING

Wing Assembly



Wing assembly: Continued by gluing parts of the wing (77)

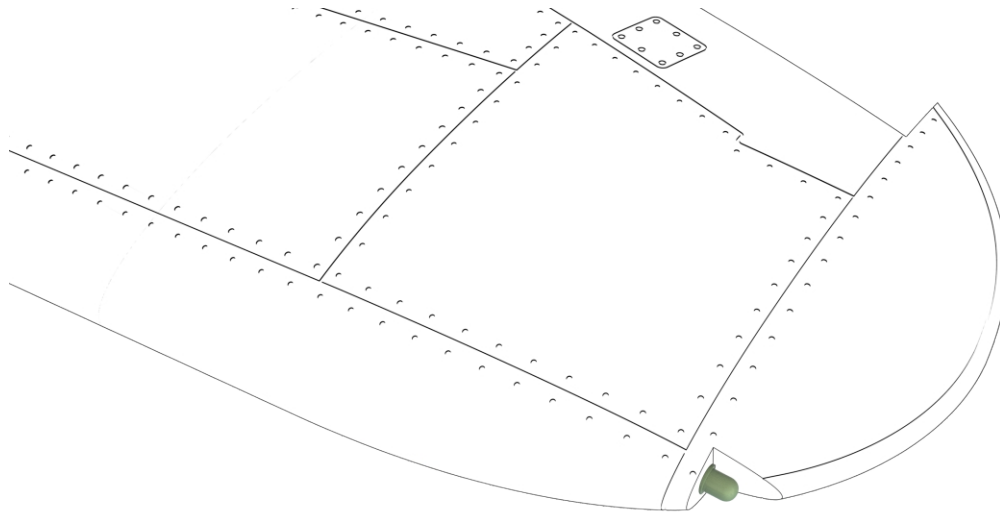


Wing assembly: Continued by gluing parts of the wing (78)

Note: Repeat the same procedure with parts (85) for the right side of the wing.

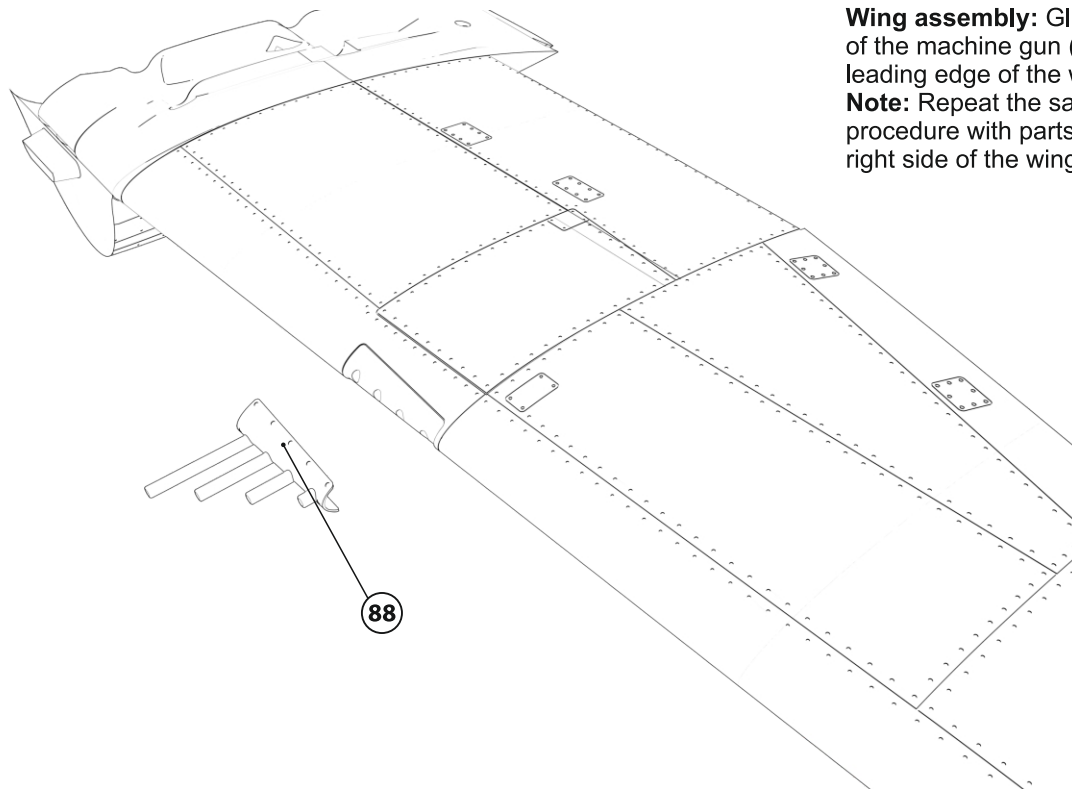
WING

Navigation Light & Machine Guns



Wing assembly: Glue the navigation light (86). If you are installing LED navigation lights, glue the diode into part (86) and then glue the rest of the wing.

Note: Repeat the same procedure with parts (87) for the right side of the wing.



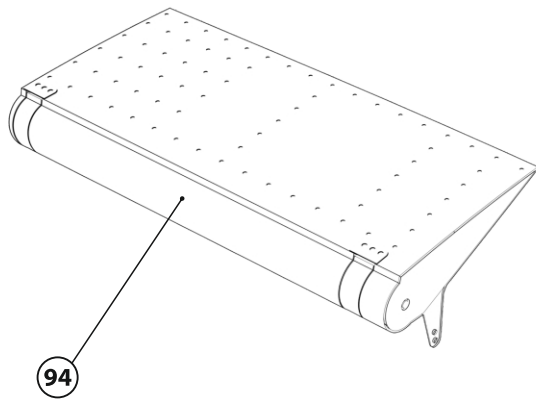
Wing assembly: Glue the barrel of the machine gun (88) to the leading edge of the wing

Note: Repeat the same procedure with parts (89) for the right side of the wing.

88

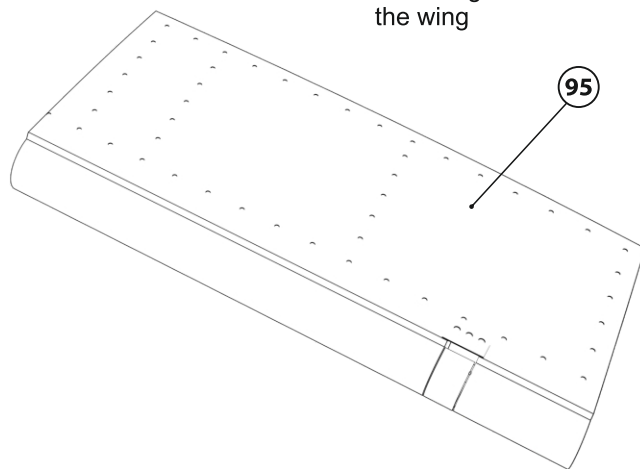
WING

Flaps Assembly



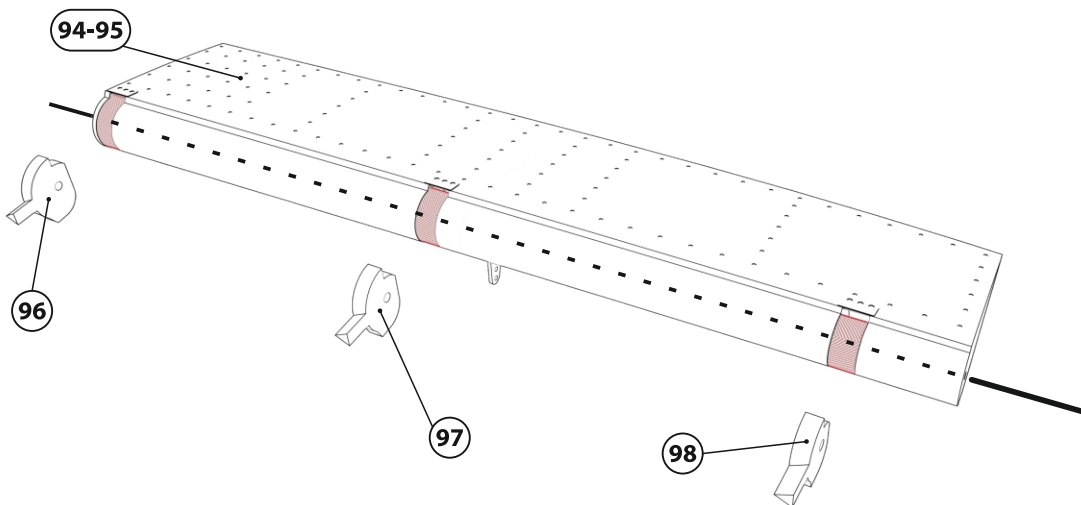
Flaps: Glue parts (94) and (94) together with glue

Note: Repeat the same procedure with parts (99-100) for the right side of the wing.



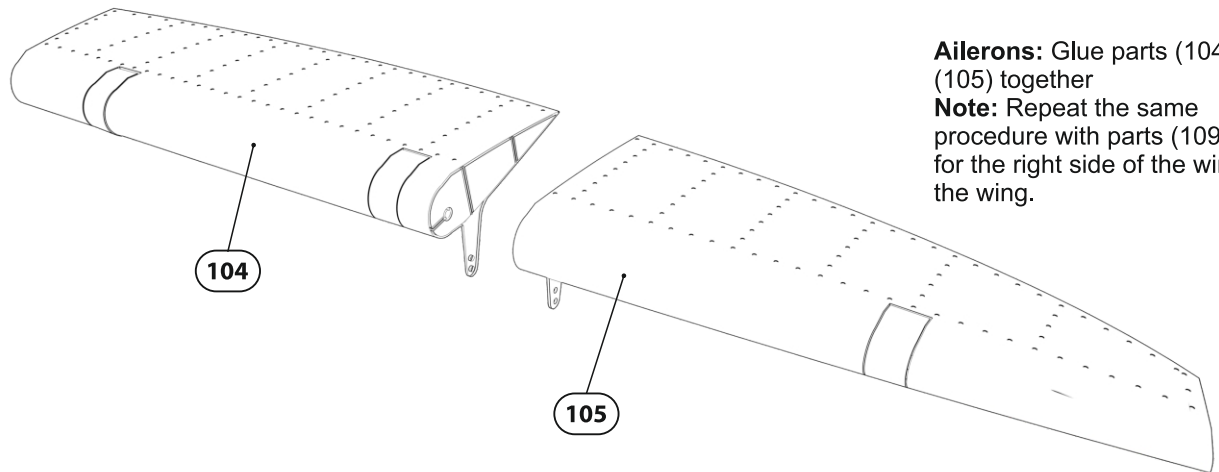
Flaps: break out the red marked parts using tweezers, insert the hinges (96-97-98) into the resulting hole and use the printing filament as the axis.

Note: Repeat the same procedure with parts (101-102-103) for the right side of the wing.



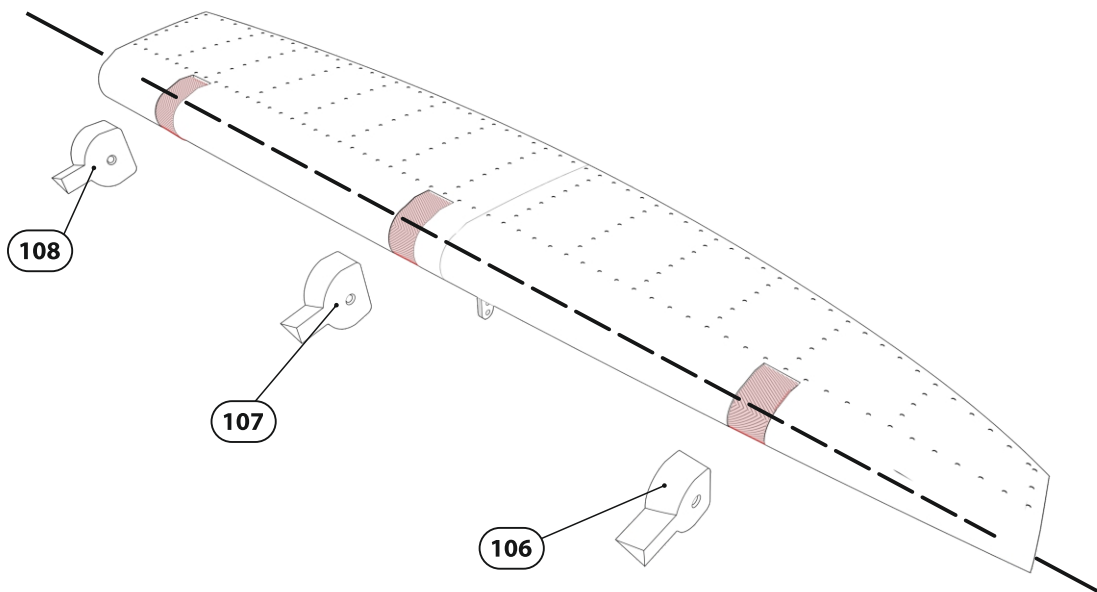
WING

Ailerons Assembly



Ailerons: Glue parts (104) and (105) together

Note: Repeat the same procedure with parts (109-110) for the right side of the wing.of the wing.

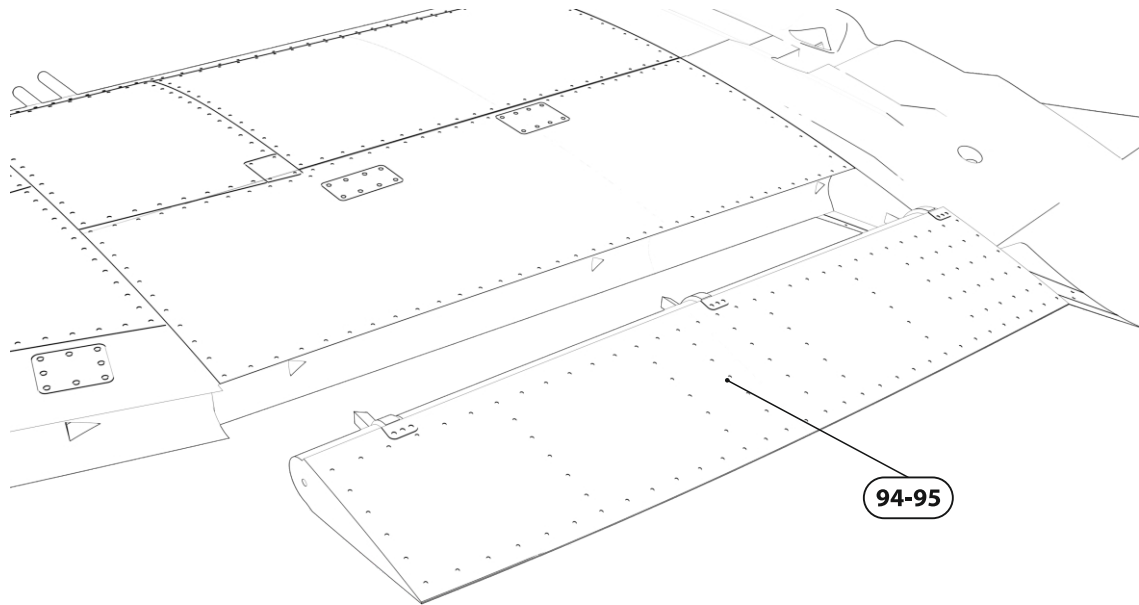


Ailerons: Break out the red marked parts of the wings with tweezers and insert the hinges (107-108-109) use the printing filament as the axis and stretch the total

Note: Repeat the same procedure with parts (111-112-113) for the right side of the wing.of the wing.

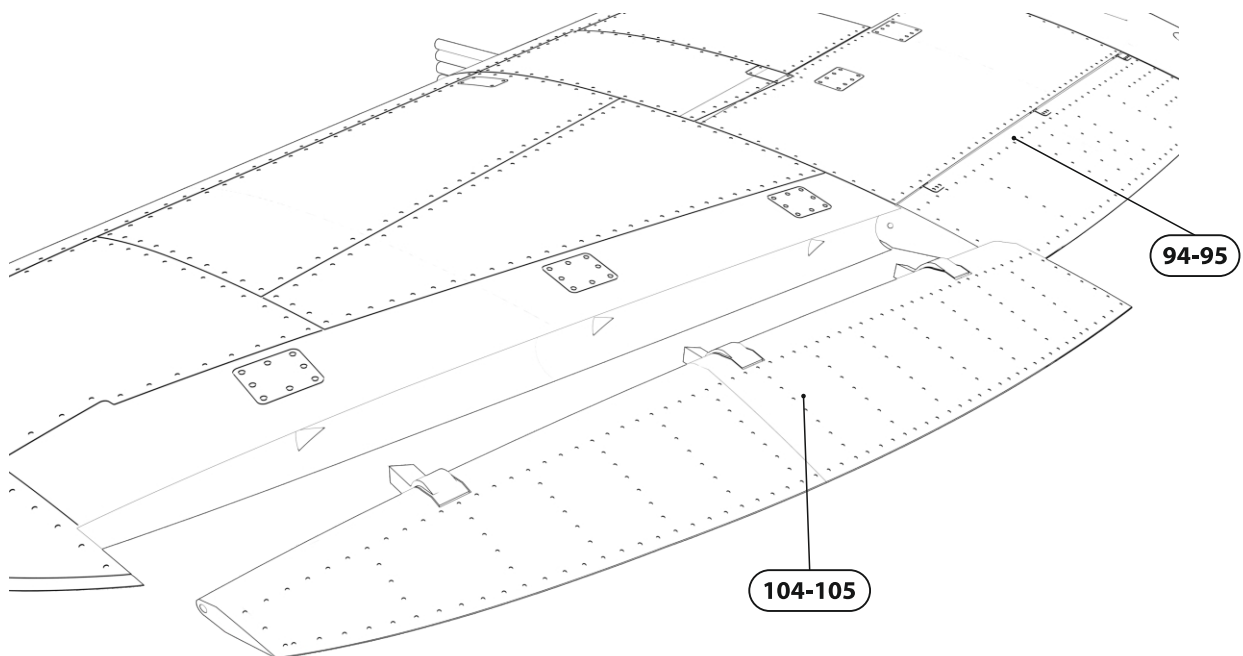
WING

Flaps & Ailerons Assembly



Ailerons: insert the 94-95 flap into the wing

Note: Repeat the same procedure with parts (99-100) for the right side of the wing.of the wing

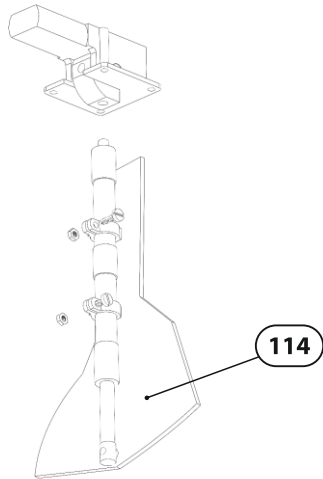


Ailerons: glue the whole 104-105 into the wing

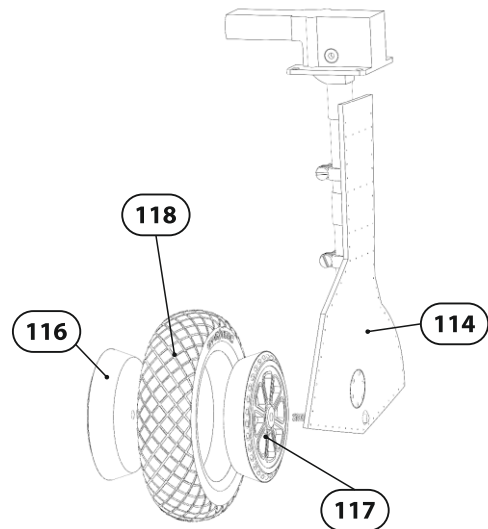
Note: Repeat the same procedure with parts (109-110) for the right side of the wing.of the wing.

WING

Retractor Gear

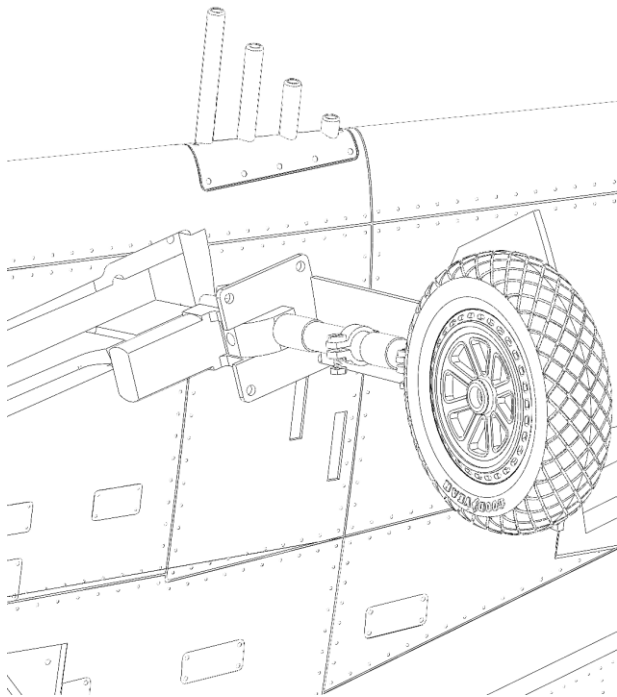


Retraction Gear: Attach the landing gear leg to the landing gear servo and attach the landing gear cover part (114) onto the landing gear leg. Secure it using an M3 screw.

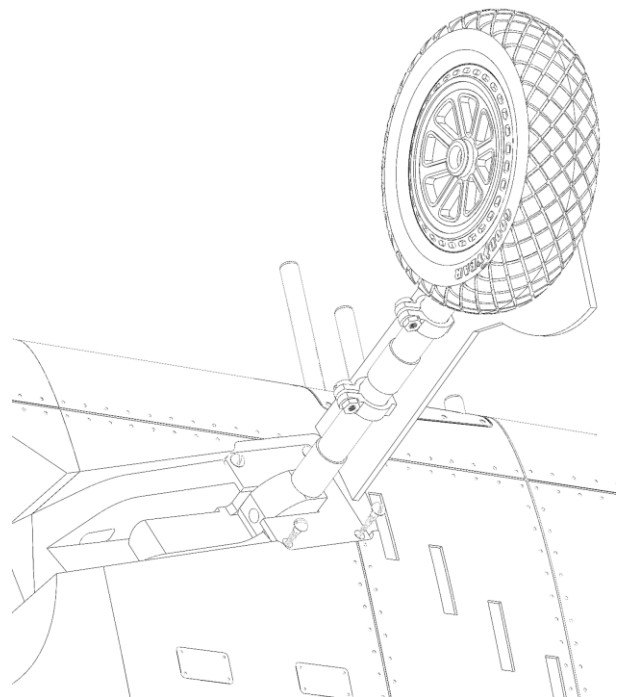


Landing gear wheel: Glue both wheel discs (116-117) together so that the tire (118) is between the discs and assemble the whole thing onto the landing gear leg axle.

Retract
vlozte p



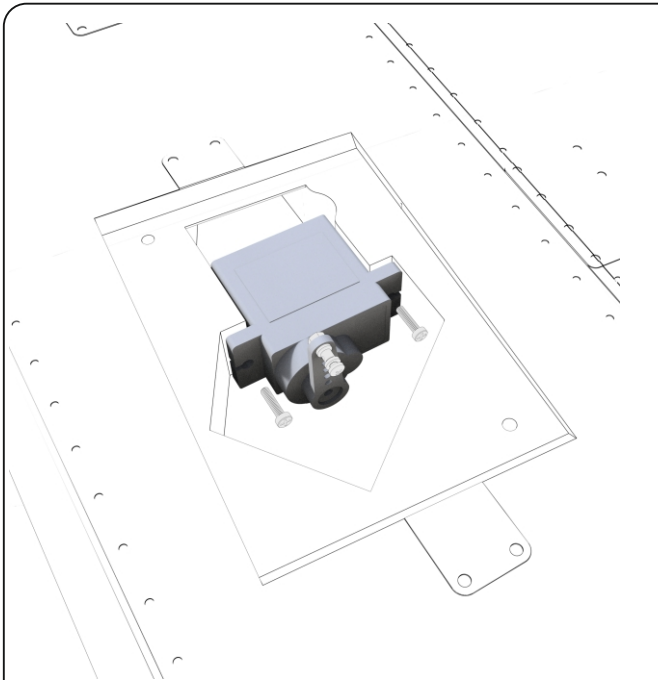
Retraction Gear: Install the assembly into the mounting hole.



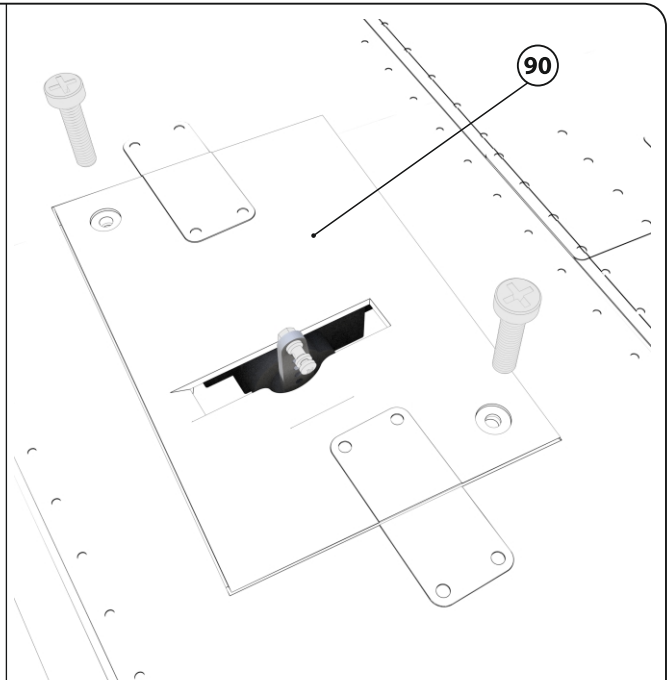
Retraction Gear: Screw it in using a screw.

WING

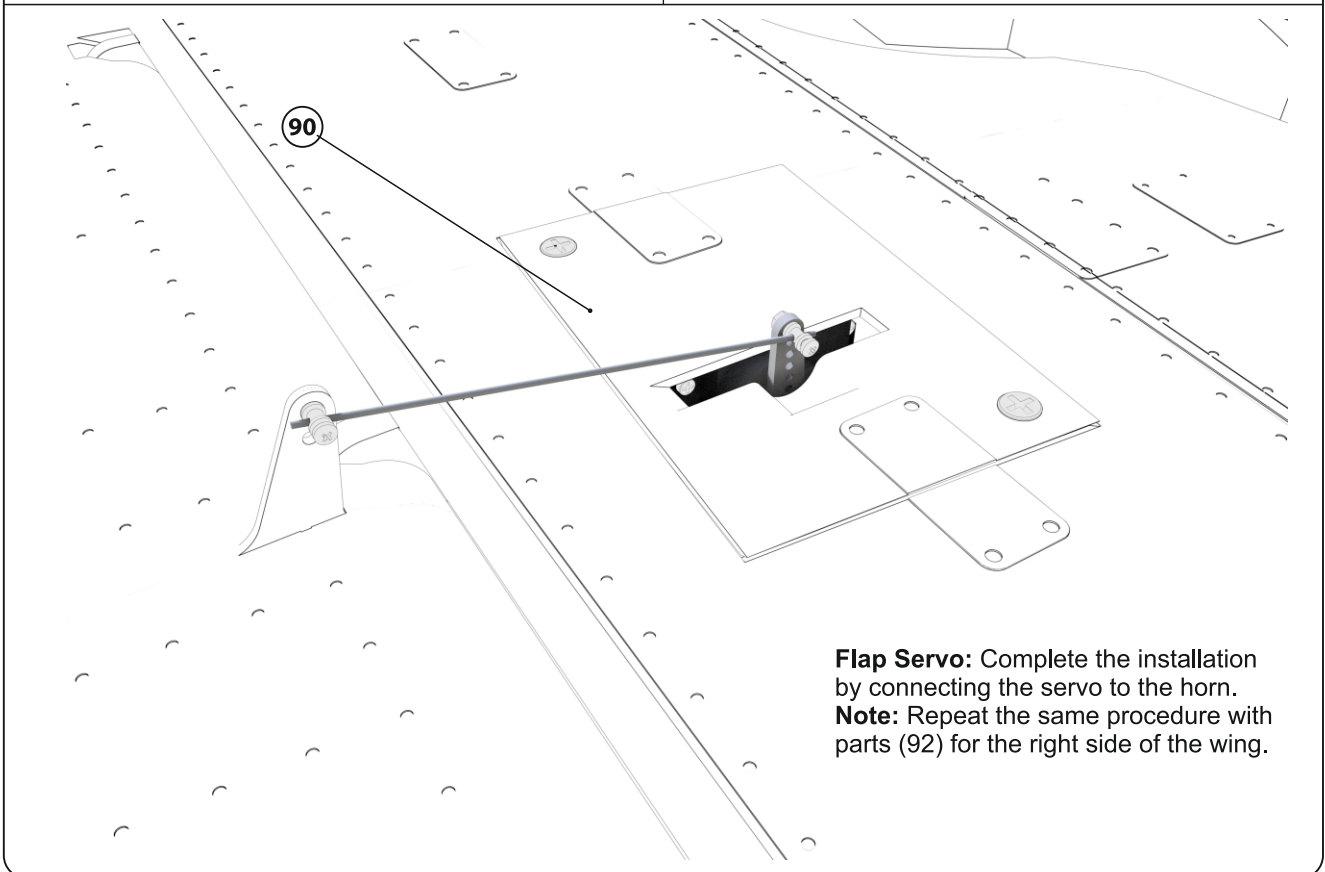
Flap Servo



Flap Servo Installation: Install the servo into the mounting hole and fasten it with two screws.



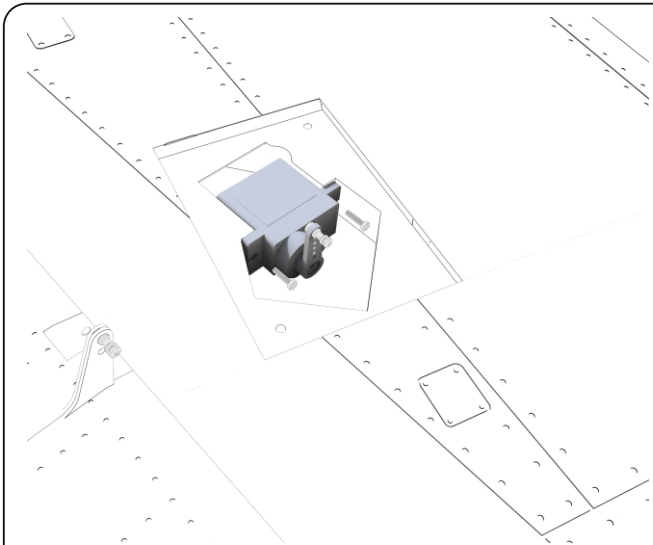
Flap Servo Cover: Attach the cover (90) of the servo and secure it with two screws.



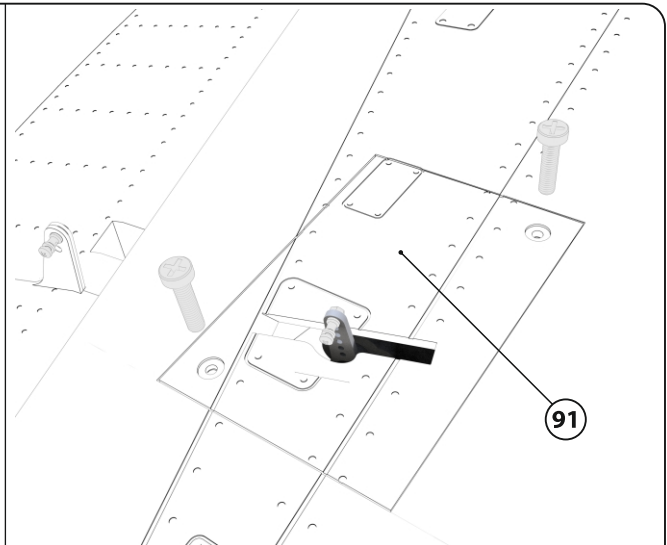
Flap Servo: Complete the installation by connecting the servo to the horn.
Note: Repeat the same procedure with parts (92) for the right side of the wing.

WING

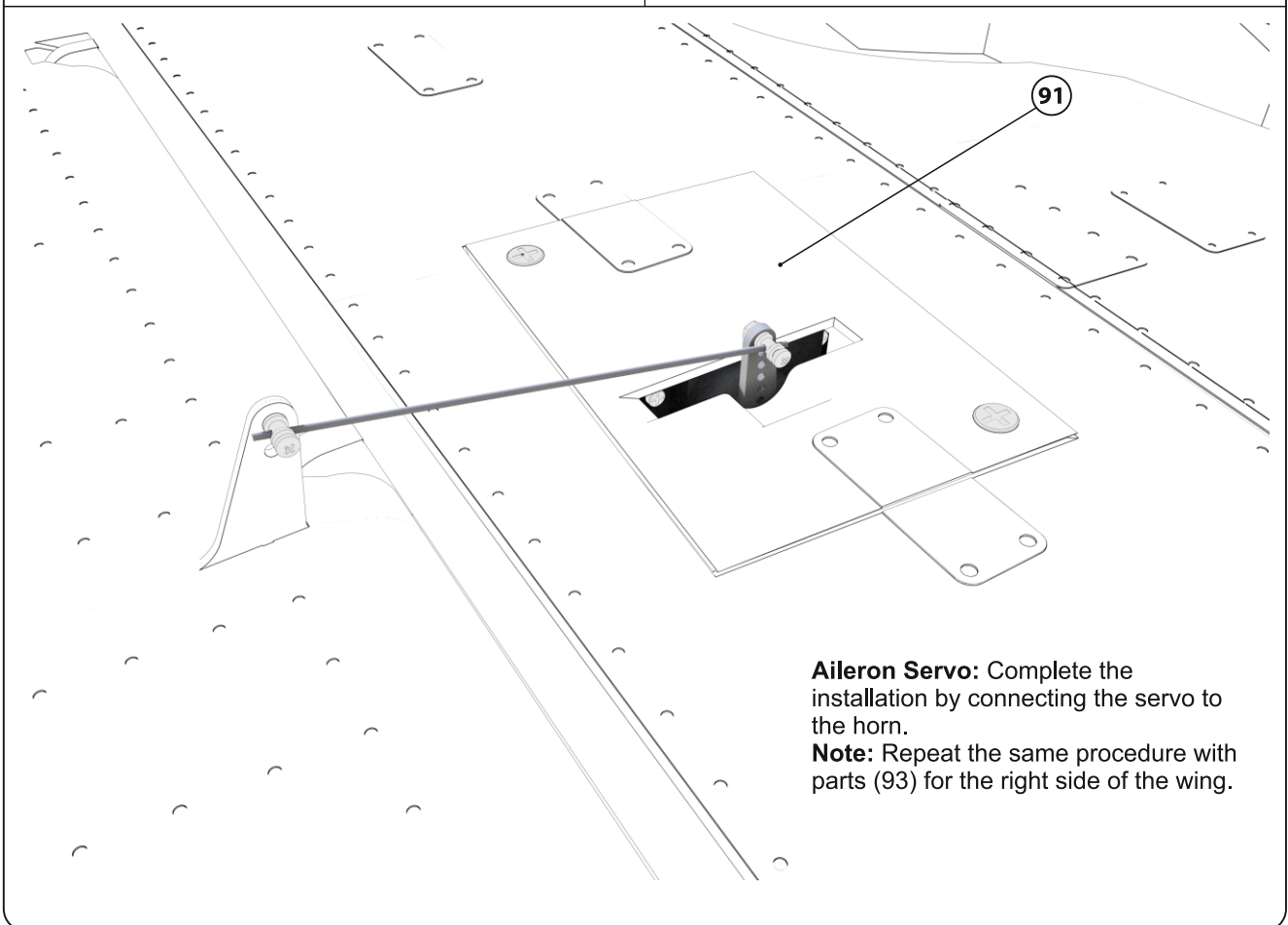
Aileron Servo Installation



Aileron Servo Installation: Install the servo into the mounting hole and fasten it with two screws.



Aileron Servo Cover: Attach the cover (91) of the servo and secure it with two screws.



Aileron Servo: Complete the installation by connecting the servo to the horn.

Note: Repeat the same procedure with parts (93) for the right side of the wing.

COG

Centre of Gravity

