



WWW.PRINT-BEAT.COM



80









ASSEMBLY INSTRUCTION FOR RC MODEL PRINTED ON 3D PRINTER



Visit our website www.print-beat.com and purchase a product which you are interested in. Then you get an access for the file download in g-code or STL format.

Download the files onto SD card. We try to optimize the universal G-code output for the widest selection of printers and we test our products on several printer brands and configurations. In case you are owner of the Prusa 3D printer use for the print the files prusa G-code

- - Print all of the model parts on the 3D Printer
 - minimum supported size of the printed surface is 20x20x15 cm
 - the supported type of filament is PLA



Assemble the model according to the attached PDF manual - for bonding of the model parts we recommend to use Super Glue (medium thick) and Activator

PRODUCT CONTAINS

STL files of RC model PZL p 11.C in 1/10 scale

Universal G-code of RC model PZL p 11.C in 1/10 scale optimized for 3D printers

SimpliFy3D factory files of RC model PZL p 11.C in 1/10 scale

Asssembly instructions in PDF format

Scale markings in PDF format

MODEL SPECIFICATION

Length	78,5 cm / 30,9 inch			
Wingspan	110 cm / 43,3 inch			
Weight of all printed parts	900 g			
Takeoff weight	1250 g / (3s 2200mAh Li-Po, 4x servo, SC)			

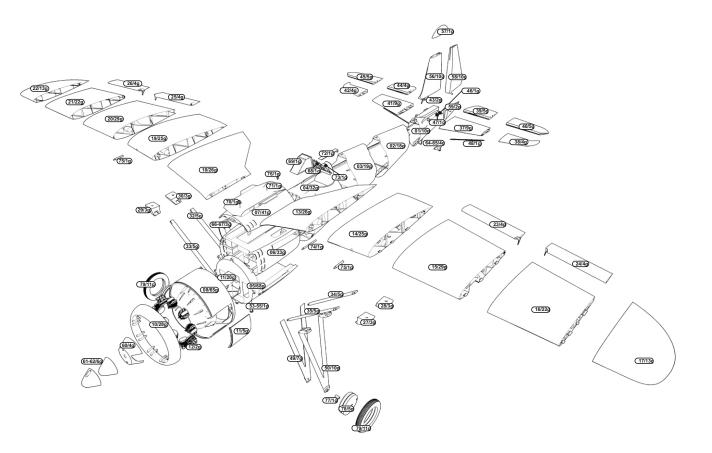




WHATEVER YOU NEED

A filament for print model parts	
EX filament for print tire	
per glue and Activator	
ring diameter 7 mm	
x screws diameter 3mm	
screws diameter 12mm	
wden wire	
hinge	
ctric motor (recommended 3536 1300kv)	
gulator	
Po Battery 3s 2250mAh	
receaver	
opeller 12x6 / 13x5	

PRINTED PARTS LIST - No./ Weight







PRINTED PARTS LIST

No.	Parts name	Colour	Weight	Infil	Suport	E. Multiplier	Perimeter	Main Location
1	Fuselage	Green	10g	0%	no	0,82	1	Fuselage_0107
2	Fuselage	Green	18g	0%	no	0,82	1	Fuselage_0107
3	Fuselage	Green	19g	0%	no	0,82	1	Fuselage_0107
4	Fuselage	Green	32g	0%	no	0,82	1	Fuselage_0107
5	Fuselage	Green	68g	9%	no	0,9	1	Fuselage_0107
6	Fuselage	Green	33g	0%	no	0,82	1	Fuselage_0107
7	Fuselage	Green	41g	17%	no	0,96	1	Fuselage_0107
8	Body	Green	65g	10%	yes	0,91	1	Engine_0812
9	Battery cover	Green	5g	50%	no	0,97	1	Engine_0812
10	Ring	Copper	28g	12%	no	0,93	2	Engine_0812
11	Engine Holder		20g	20%	no	0,99	3	Engine_0812
12	Cylinder	Silver	2g	6%	no	0,97	2	Engine_0812
13	Left Wing	Green	26g	0%	no	0,82	1	Wing_1336
14	Left Wing	Green	25g	0%	no	0,82	1	Wing_1336
15	Left Wing	Green	29g	0%	no	0,82	1	Wing_1336
16	Left Wing	Green	22g	0%	no	0,82	1	Wing_1336
17	Left Wing	Green	13g	0%	no	0,82	1	Wing_1336
18	Right Wing	Green	26g	0%	no	0,82	1	Wing_1336
19	Right Wing	Green	25g	0%	no	0,82	1	Wing_1336
20	Right Wing	Green	29g	0%	no	0,82	1	Wing_1336
21	Right Wing	Green	22g	0%	no	0,82	1	Wing_1336
22	Right Wing	Green	13g	0%	no	0,82	1	Wing_1336
23	Left Ailerons	Green	4g	0%	no	0,82	1	Wing_1336
24	Left Ailerons	Green	4g	0%	no	0,82	1	Wing_1336
25	Right Ailerons	Green	4g	0%	no	0,82	1	Wing_1336
26	Right Ailerons	Green	4g	0%	no	0,82	1	Wing_1336
27	Strut Holder	Green	3g	15%	no	0,95	1	Wing_1336
28	Strut Holder	Green	3g	15%	no	0,95	1	Wing_1336
29	Strut Holder	Green	3g	15%	no	0,95	1	Wing_1336
30	Strut Holder	Green	3g	15%	no	0,95	1	Wing_1336
31	RepairKit-Damper	Green	1g	10%		0,95	2	Wing_1336
32	Wing Strut	Green	5g	10%	no	0,97	1	Wing_1336
33	Wing Strut	Green	5g	10%	no	0,97	1	Wing_1336
34	Wing Strut	Green	5g	10%	no	0,97	1	Wing_1336
35	Wing Strut	Green	5g	10%	no	0,97	1	Wing_1336
36	Wing Hex	Green	1g	0%	no	0,92	1	Wing_1336





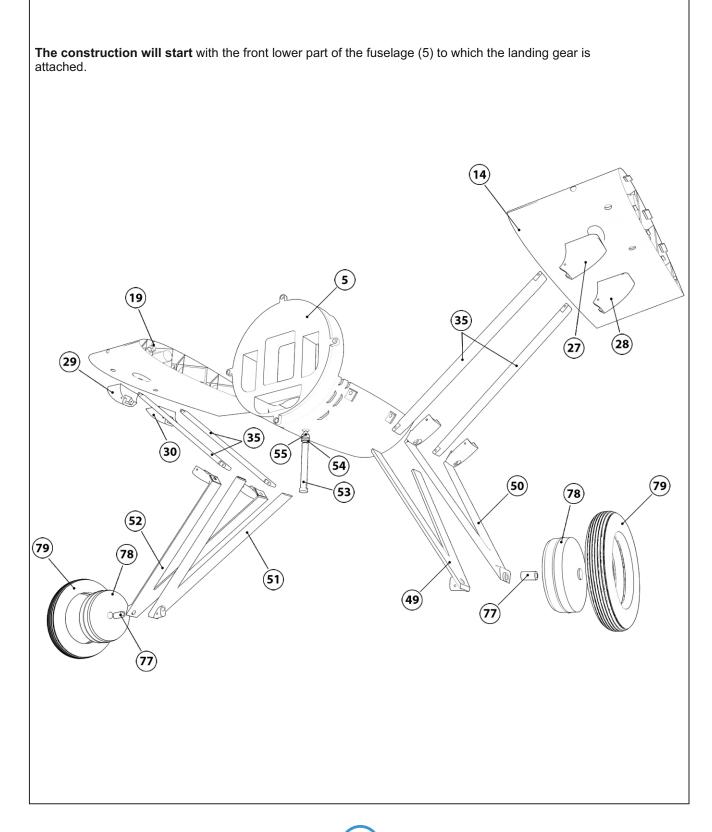
PRINTED PARTS LIST

No.	Parts name	Colour	Weight	Infil	Suport	E. Multiplier	Perimeter	Main Location
37	Elevator	Green	9g	0%	no	0,82	1	Elevator_3748
38	Elevator	Green	4g	0%	no	0,82	1	Elevator_3748
39	Elevator	Green	5g	0%	no	0,82	1	Elevator_3748
40	Elevator	Green	5g	0%	no	0,82	1	Elevator_3748
41	Elevator	Green	9g	0%	no	0,82	1	Elevator_3748
42	Elevator	Green	4g	0%	no	0,82	1	Elevator_3748
43	Elevator	Green	2g	9%	no	0,9	1	Elevator_3748
44	Elevator	Green	4g	0%	no	0,82	1	Elevator_3748
45	Elevator	Green	5g	0%	no	0,82	1	Elevator_3748
46	Axe	Green	2g	9%	no	0,9	3	Elevator_3748
47	Hex	Green	1g	0%	no	0,82	2	Elevator_3748
48	Strut	Green	1g	9%	no	0,9	2	Elevator_3748
49	Landing gear	Green	7g	20%	no	0,9	3	Landing_gear_4955
50	Landing gear	Green	10g	20%	no	0,9	3	Landing_gear_4955
51	Landing gear	Green	7g	20%	no	0,9	3	Landing_gear_4955
52	Landing gear	Green	10g	20%	no	0,9	3	Landing_gear_4955
53	Damper	Green	1g	20%	no	0,9	5	Landing_gear_4955
54	Damper	Green	1g	20%	no	0,9	5	Landing_gear_4955
55	Damper	Green	1g	20%	no	0,9	5	Landing_gear_4955
56	Rudder	Green	10g	0%	no	0,82	1	Rudder_5659
57	Rudder	Green	1g	0%	no	0,82	1	Rudder_5659
58	Rudder	Green	10g	0%	no	0,82	1	Rudder_5659
59	Rudder	Green	2g	0%	no	0,82	1	Rudder_5659
60	Propeller	Green	4g	20%	no	0,92	3	Propeller_6063
61	Propeller	Green	6g	20%	no	0,92	3	Propeller_6063
62	Propeller	Green	6g	20%	no	0,92	3	Propeller_6063
63	Propeller	Green	6g	20%	no	0,92	3	Propeller_6063
64	Spur	Black	4g	15%	no	0,98	3	Accessories_6476
-	Spur	Black	4g	15%	no	0,98	3	Accessories_6476
66	Cooler	Black	3g	15%	no	0,92	3	Accessories_6476
	Cooler	Black	3g	15%	no	0,92	3	Accessories_6476
	Dashboard	Black	1g	0%	no	0,98	1	Accessories_6476
	Glass	Transp.	1g	0%	no	0,92	1	Accessories_6476
	Gunsight	Black	1g	0%	no	0,98	1	Accessories_6476
	Gunsight	Black	1g	0%	no	0,98	1	Accessories_6476
-	Hasp	Black	1g	0%	no	0,98	3	Accessories_6476
	Headrest	Brown	1g	10%	no	0,92	1	Accessories_6476
-	Mach.Gun	Black	1g	0%	no	0,95	1	Accessories_6476
	Mach.Gun	Black	1g	0%	no	0,95	1	Accessories_6476
-	Grip	Green	1g	20%	no	0,92	3	Accessories_6476
	Insert	Green	1g	5%	no	0,92	2	Wheel_7779
	Disc	Green	5g	5%	no	0,92	2	Wheel_7779
79	Tire	Flex	11g	0%	no	1	2	Wheel_7779





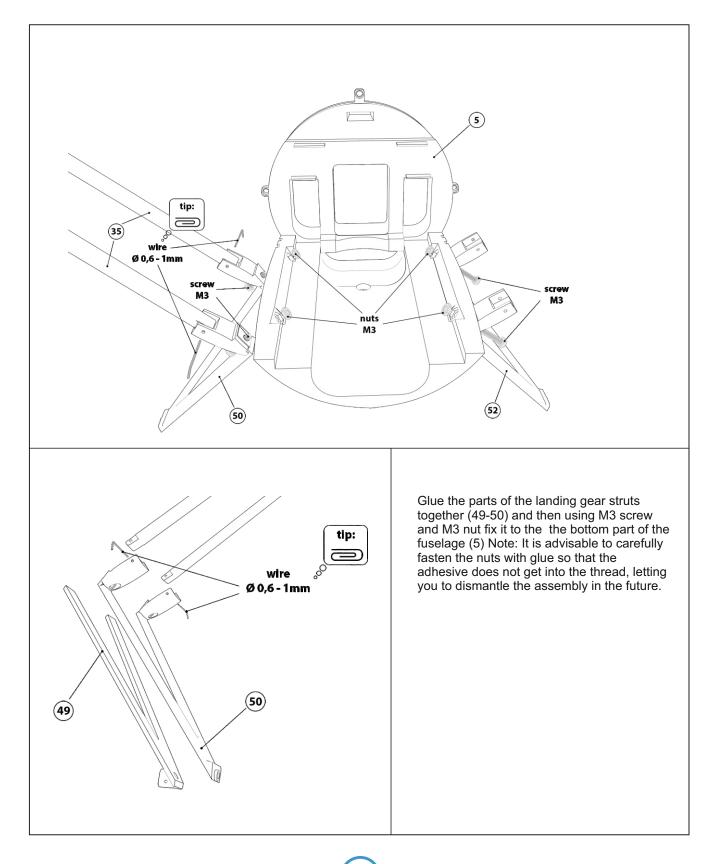
LANDING GEAR AND SUSPENSION







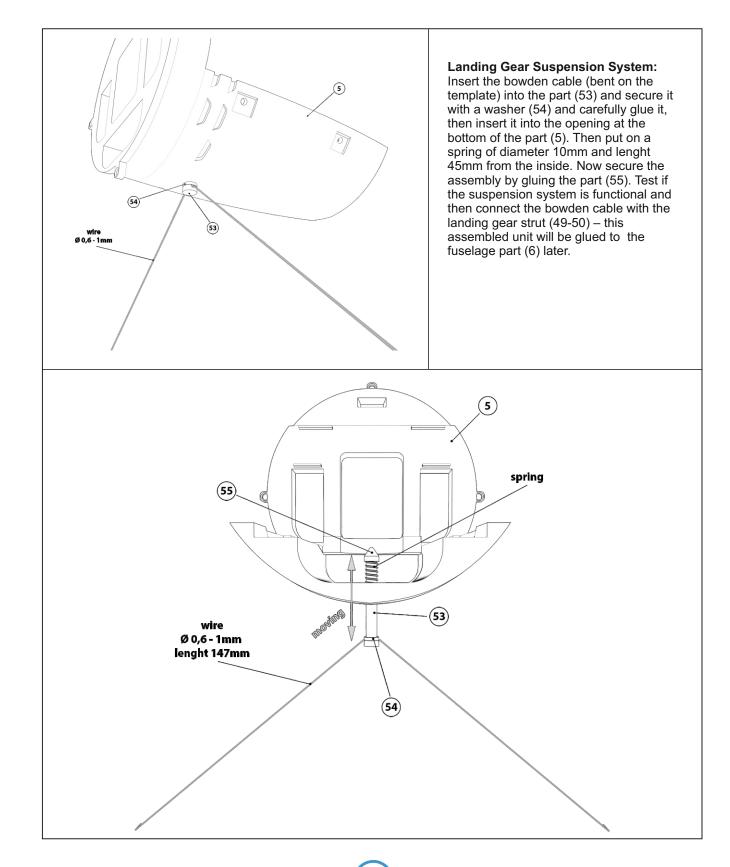
LANDING GEAR AND SUSPENSION







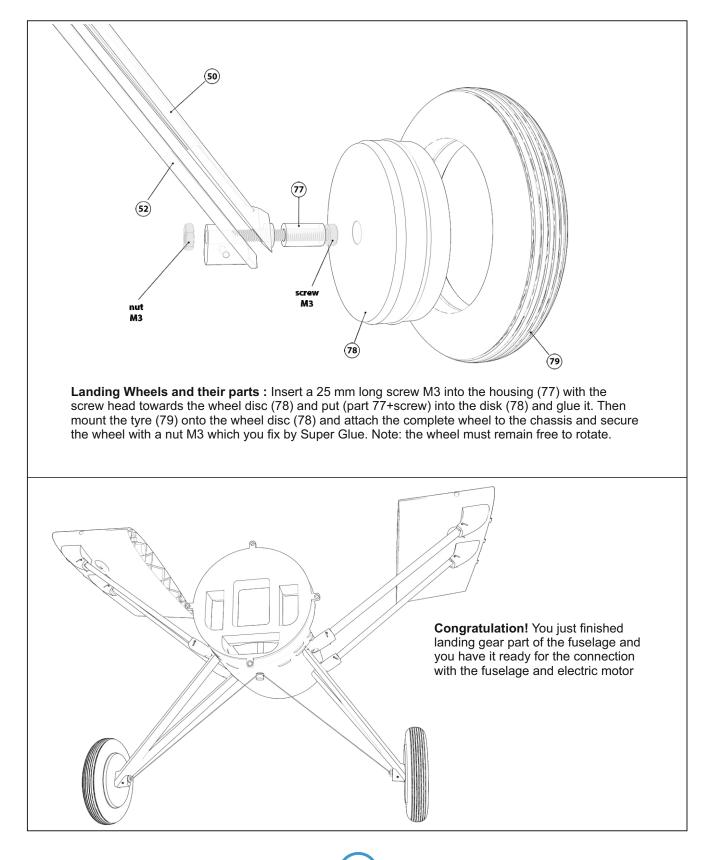
LANDING GEAR STRUTS - SUSPENSION







LANDING WHEELS

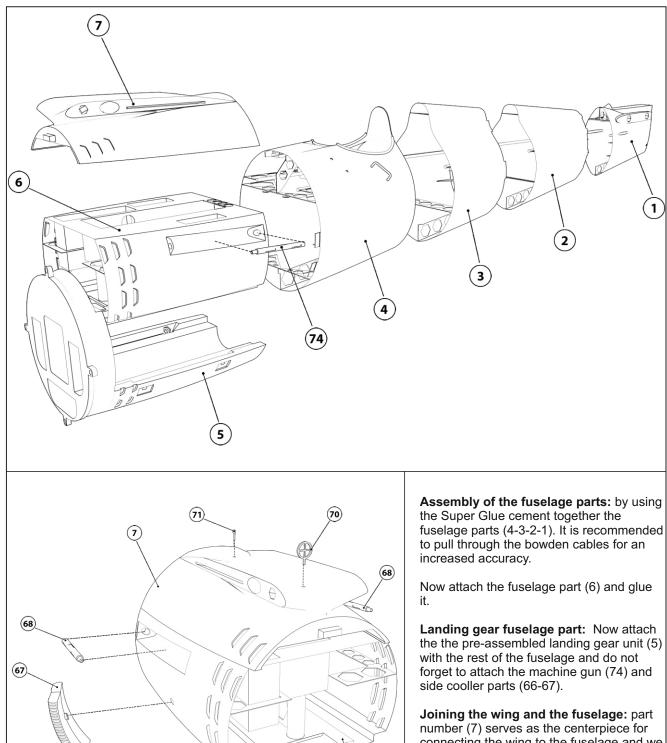






FUSELAGE ASSEMBLY

66)



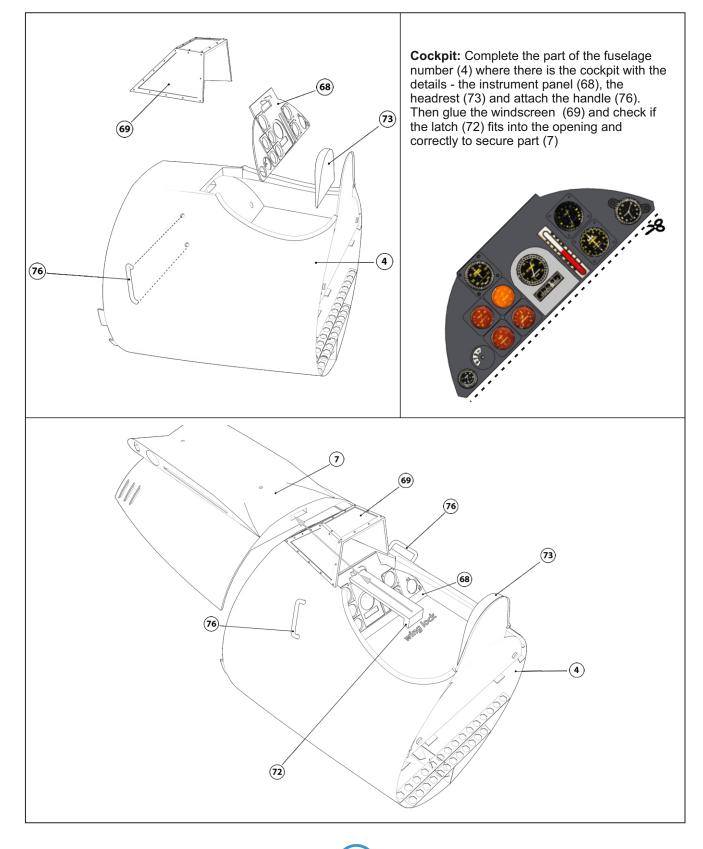
number (7) serves as the centerpiece for connecting the wing to the fuselage and we will use it in the passage dedicated to the construction of the wing. Now we can attach the parts for the gunsight (70-71)

5





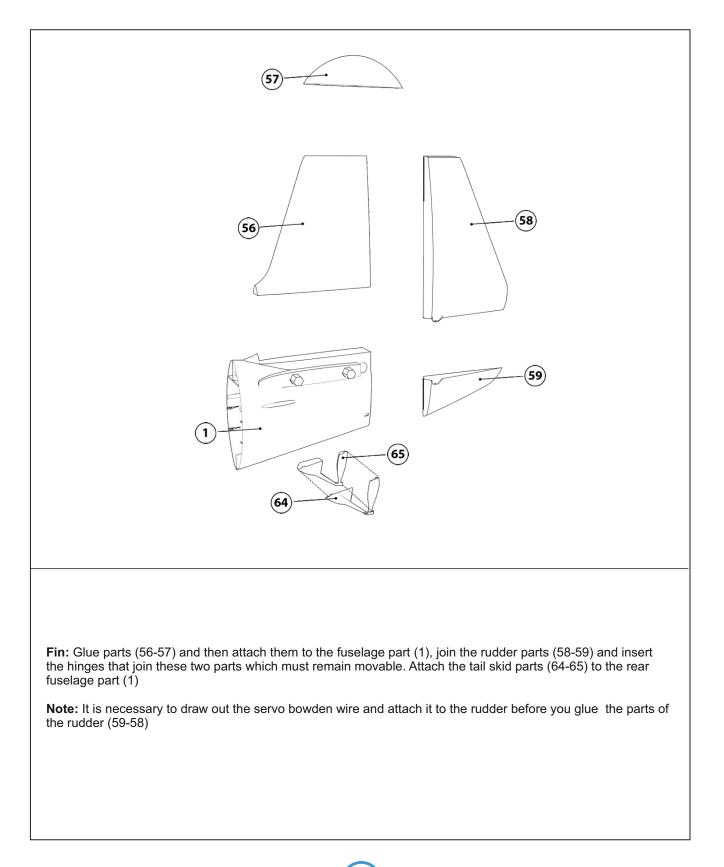
COCKPIT







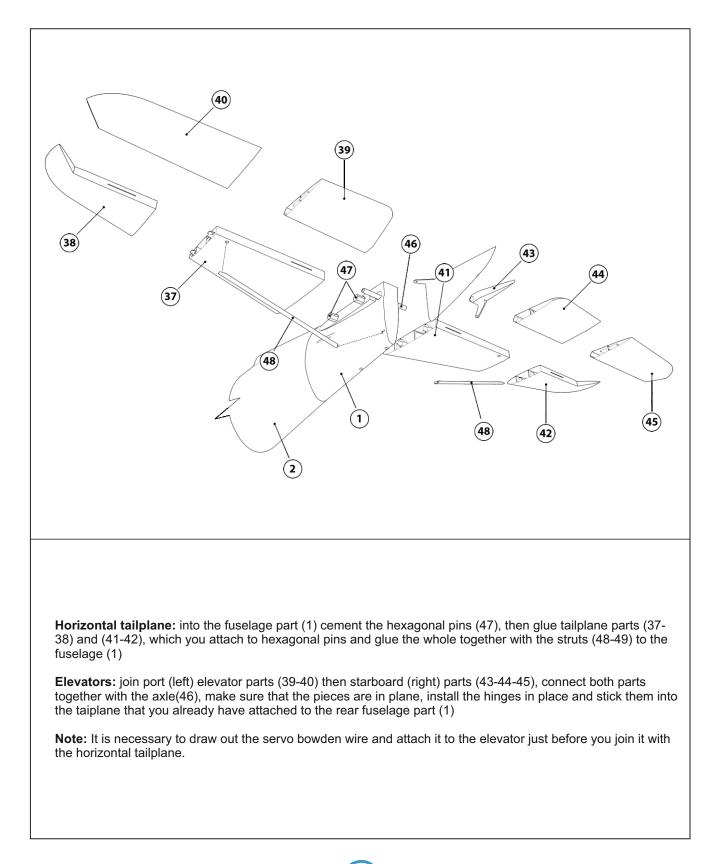
FIN







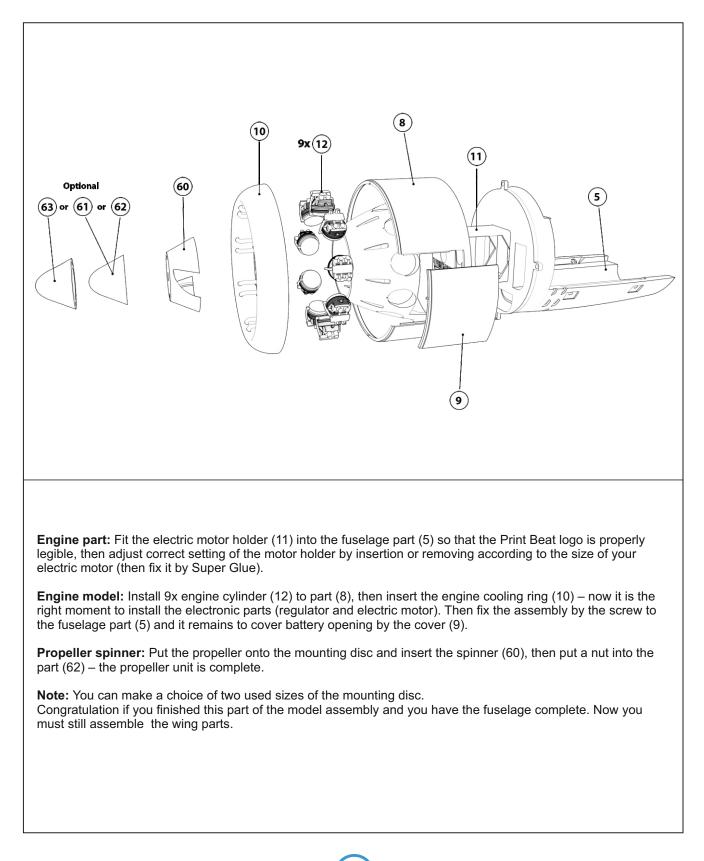
TAILPLANE







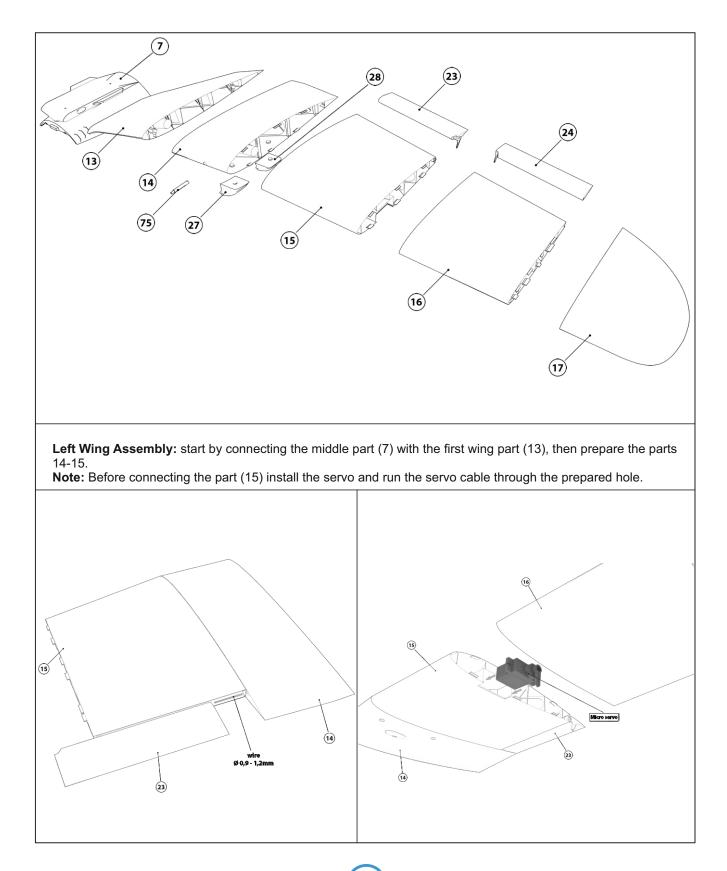
ENGINE PART - ELECTRIC MOTOR ATTACHMENT







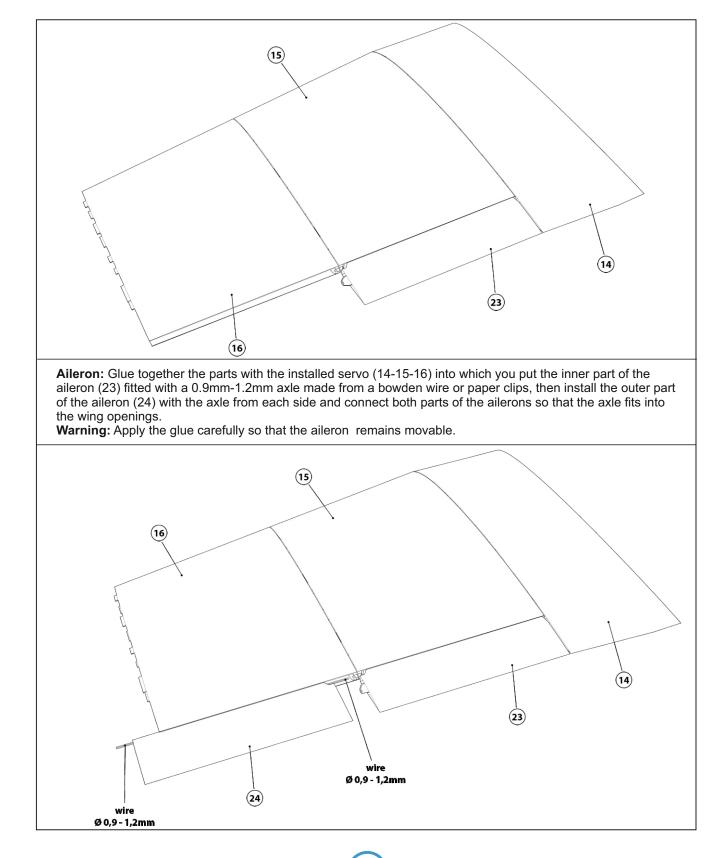
LEFT WING ASSEMBLY - SERVO







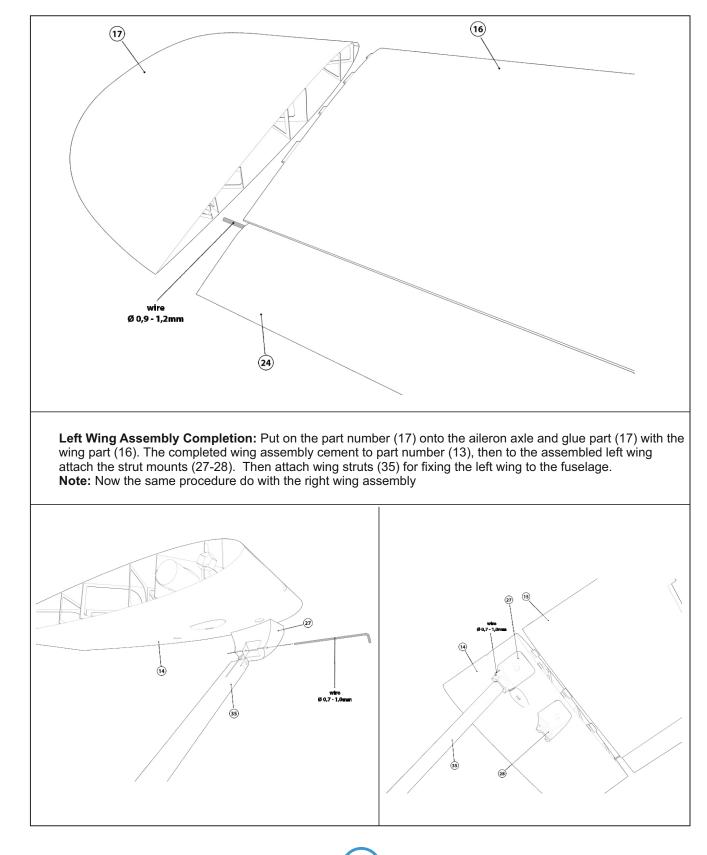
WING ASSEMBLY - AILERON







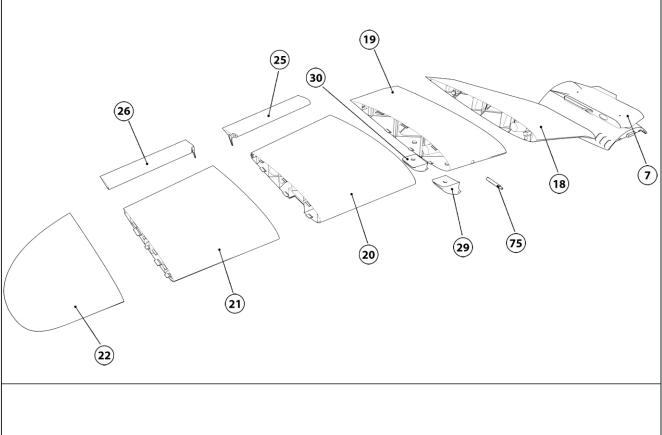
WING ASSEMBLY - COMPLETION







WING ASSEMBLY



Right Wing Assembly: start by connecting the middle part (7) with the first wing part (18), then prepare the parts 19-20.

Note: Before connecting the part (20) install the servo and run the servo cable through the prepared hole.

Aileron: Glue together the parts with the installed servo (19-20-21) into which you put the inner part of the aileron (25) fitted with a 0.9mm-1.2mm axle made from a bowden wire or paper clips, then install the outer part of the aileron (26) with the axle from each side and connect both parts of the ailerons so that the axle fits into the wing openings.

Warning: Apply the glue carefully so that the aileron remains movable.

Right Wing Assembly Completion: Put on the part number (22) onto the aileron axle and glue part (22) with the the wing part (21). The completed wing assembly cement to part number (13), then to the assembled wing attach the strut mounts (29-30). Then attach wing struts (35) for fixing the wing to the fuselage.





TEMPLATE FOR THE LANDING GEAR SUSPENSION - SCALE 1/1

