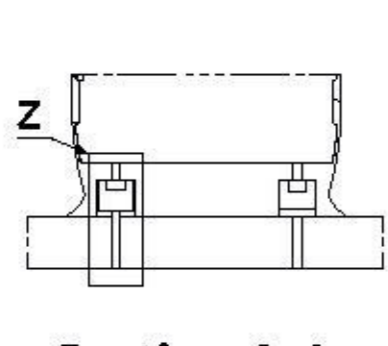
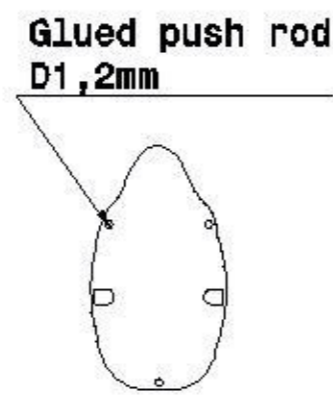


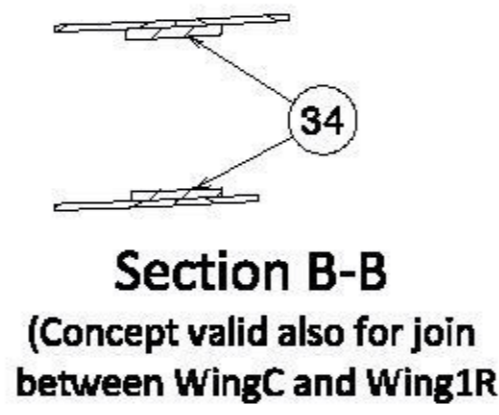
Detail Z
(Typical detail for interface between fuselage and wing)



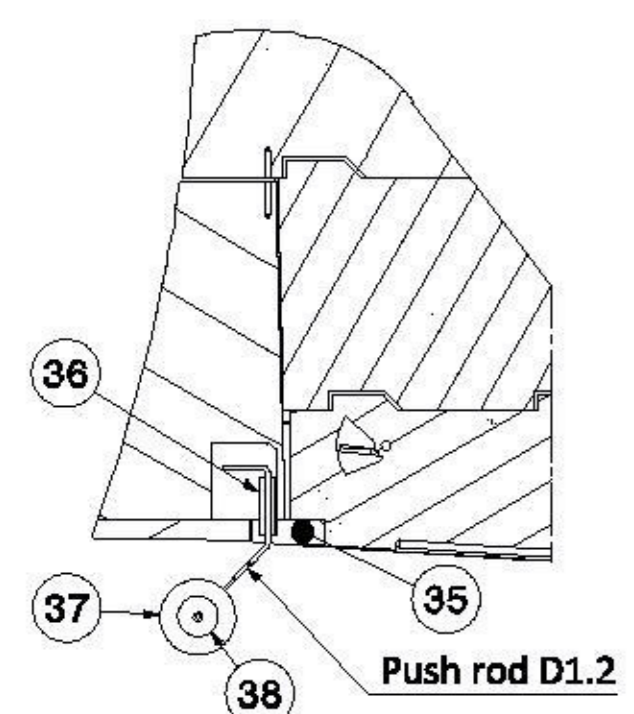
Section A-A



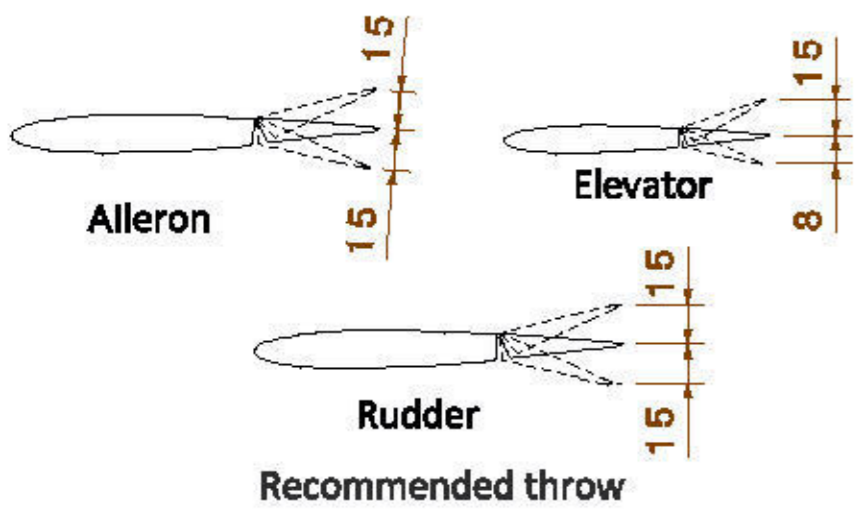
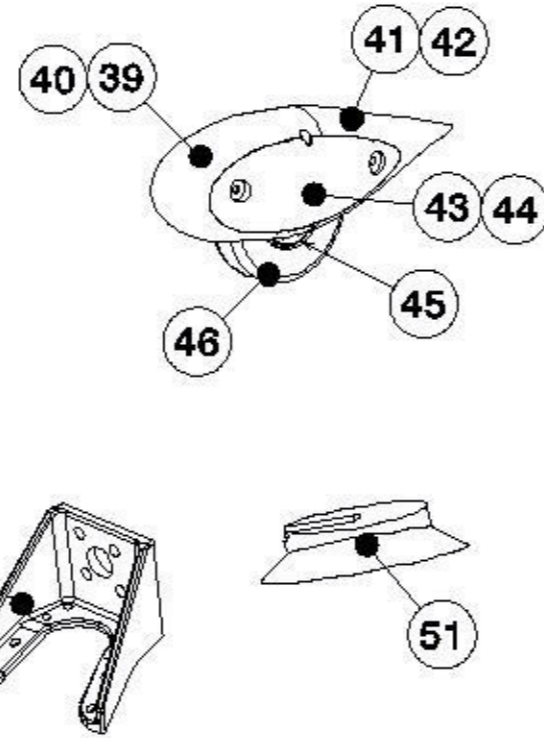
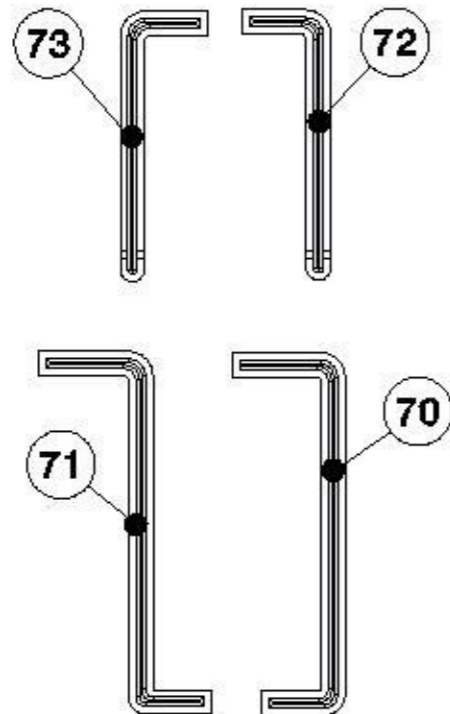
Section C-C



Section B-B
(Concept valid also for join between WingC and Wing1R)

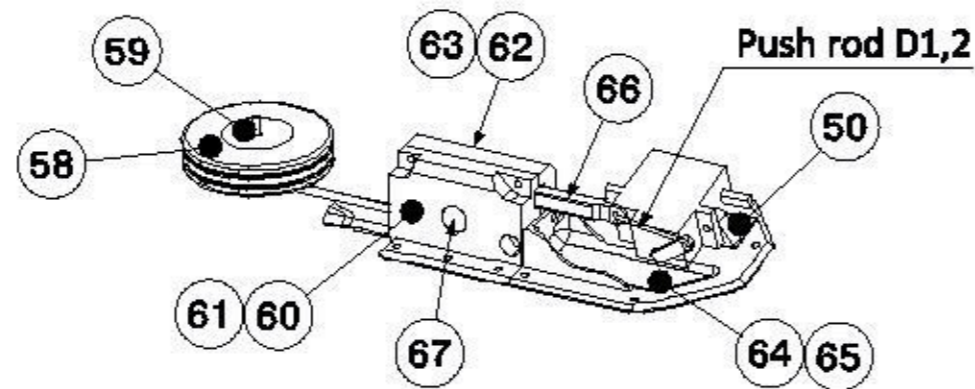
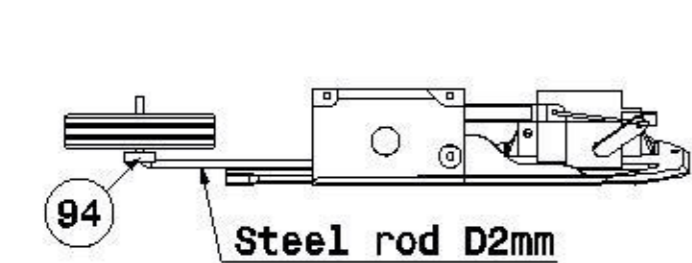


TAIL SECTION

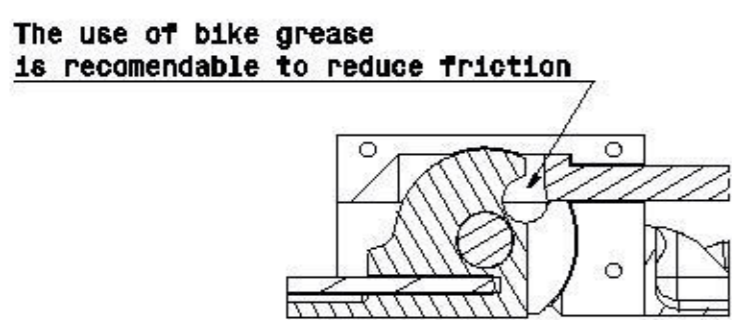


Recommended throw

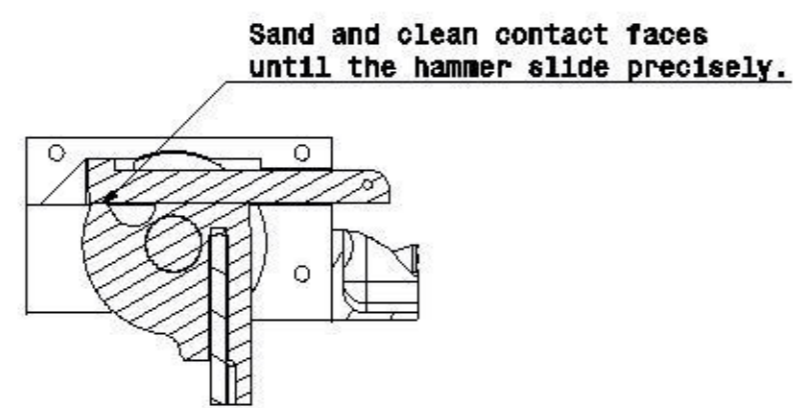
RETRACTABLE LANDING GEAR



Section D-D



Section E-E (Closed position)



Section E-E (Opened position)

The use of bike grease is recommendable to reduce friction

Sand and clean contact faces until the hammer slide precisely.

ITEM	NAME	CATEGORY
1	Spinner1	C
2	Spinner2	C
3	Canopy1	A / A-LW
4	Canopy2	A / A-LW
5	Fus1	A / A-LW
6	Fus2	A / A-LW
7	Fus3	A / A-LW
8	Fus4	A / A-LW
9	Fus5	A / A-LW
10	VTP_1	A / A-LW
11	VTP_2	A / A-LW
12	Rudder_2	A / A-LW
13	Rudder_1	A / A-LW
14	WingC	A / A-LW
15	Wing1L	A / A-LW
16	Wing1R	A / A-LW
17	Wing2L	A / A-LW
18	Wing2R	A / A-LW
19	Wing3L	A / A-LW
20	Wing3R	A / A-LW
21	Aileron1L	A / A-LW
22	Aileron1R	A / A-LW
23	Aileron2L	A / A-LW
24	Aileron2R	A / A-LW
25	Aileron3L	A / A-LW
26	Aileron3R	A / A-LW
27	HTP1L	A / A-LW
28	HTP1R	A / A-LW
29	HTP2L	A / A-LW
30	HTP2R	A / A-LW
31	Elev1L	A / A-LW
32	Elev1R	A / A-LW
x3	Anchor_nut	C
x4	Guide	C
35	Rudder_fitting	C
x9	Axis_w_hole	C
37	Tyre_D20	C
38	RimD20	C
39	Wheel_fairing_1L	C / C-LW
40	Wheel_fairing_1R	C / C-LW
41	Wheel_fairing_2L	C / C-LW
42	Wheel_fairing_2R	C / C-LW
43	Wheel_fairing_3L	C / C-LW
44	Wheel_fairing_3R	C / C-LW
x2	RimD40	C
x2	TyreD40	C
47	Motor_holder	C
x2	Cover_horn	C
x2	Servo_holder_wing	C
x4	Servo_holder_fus	C
x2	Root_LG	C
52	Wing1L_woLG	A / A-LW
53	Wing1R_woLG	A / A-LW
x4	Hinge_wing	C
55	Elevator_fitting	C
56	Spinner1_short	C
57	ESC_iso_plate	C
x2	Rim_D38_R	C
x2	Tyre_D38_R	C
60	RTLG_outer_2L	C
61	RTLG_outer_2R	C
62	RTLG_outer_1L	C
63	RTLG_outer_1R	C
64	RTLG_outer_3L	C
65	RTLG_outer_3R	C
x2	RTLG_Axis_size1	C
x2	RTLG_Axis_size2	C
x2	RTLG_Hammer_size1	C
x2	RTLG_Hammer_size2	C
70	Pattern_LG_R	C
71	Pattern_LG_L	C
72	Pattern_RLG_L	C
73	Pattern_RLG_R	C
74	Fus2_RLG	A / A-LW
75	Fus3_RLG	A / A-LW
76	Wing1L_RLG	A / A-LW
77	Wing1R_RLG	A / A-LW
78	Wing2L_RLG	A / A-LW
79	Wing2R_RLG	A / A-LW
80	Wing3L_RLG	A / A-LW
81	Wing3R_RLG	A / A-LW
82	Aileron1L_RLG	A / A-LW
83	Aileron1R_RLG	A / A-LW
84	Aileron2L_RLG	A / A-LW
85	Aileron2R_RLG	A / A-LW
86	Aileron3L_RLG	A / A-LW
87	Aileron3R_RLG	A / A-LW
88	RTLG_internal_L	C
89	RTLG_internal_R	C
90	WingC_RLG	A / A-LW
91	Lock1	C
92	Lock1	C
x2	Block	C
x2	Bush	C

- 6T Add 6 top layers
- 8B Add 8 bottom layers
- 2B Add 2 bottom layers (parts marked with this flag note)
- 8 Print "tyres" with flexible material
- 7 Print both sizes and use the one that fit better
- 6 Print the Item 57 with ABS and place it between the ESC and fuselage to avoid melting the PLA
- 5 If your motor reach temperatures over 50 °C use ABS or PETG for "Motor_holder"
- 2-Center of gravity marking under the wing
- 1- Red parameters are mandatory to ensure airplane functionality, assembly or weight target

PRINTING PARAMETER	CATEGORY			
	A-LW	A	C-LW	C
Layer height (mm)	0.25	0,2	0,15	0,13
Bottom layers	0	0	4	4
Top layers	0	0	6	6
Wall lines / perimeter	1	1	2	2
Nozzle diameter (mm)	0,4	0,4	0,4	0,4
Material	LW-PLA	PLA/ PETG	LW-PLA	PLA/PETG FLEX/ABS
Infill density (%)	0	0	10	10
Printing temp (°C)	235	220	235	205 to 240
Bed temp (°C)	60	60	60	60
Flow (%)	53	100	53	100
Retraction (mm)	0,5 to 3	0,5 to 3	0,5 to 3	3
Retraction extra prime amount (mm)	0 to 0,7	0 to 0,7	0	0
Speed (mm/s)	55	50	35	25 to 50
Fan	YES	YES	YES	YES
Brim (mm)	3 to 5	3 to 5	0 to 3	0 to 3
Minimum layer time (s)	5	5	5	5
Support	NO	NO	NO	NO