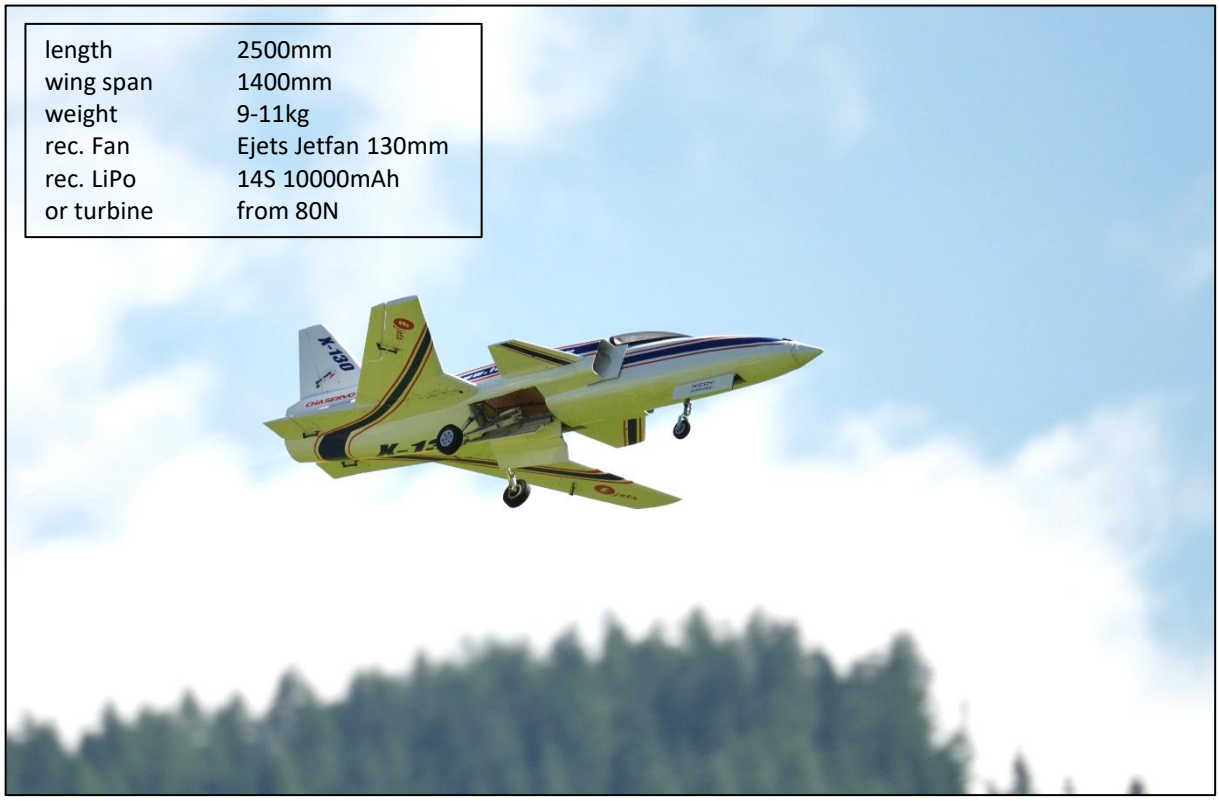
length	2500mm
wing span	1400mm
weight	9-11kg
rec. Fan	Ejets Jetfan 130mm
rec. LiPo	14S 10000mAh
or turbine	from 80N



Thank you for choosing a kit from tomjets and thank you for your trust! Kits from tomjets are not only unique in their design and flight characteristics, but also focus on building as a new experience. Let yourself be surprised!

The X-130 is Tomjets' sporty interpretation of the legendary Grumman X-29. Its forward-swept wings, combined with carnards, not only provide a distinctive silhouette in the sky but also offer unique flight characteristics. Despite its size, the X-130 can be controlled in tight maneuvers in the smallest of spaces, characterized by high angles of attack and uncritical stall behavior.

For the sake of order, it should be mentioned that it is by no means a toy and that careful construction and flight are required. The responsibility for ensuring safety is entirely with the builder or pilot.

The use of tools is limited to the following: Stanley knife, steel lineal, foil iron, multifunction tool (cutting, grinding, drilling), soldering iron, pins, clamps, brushes, cable ties, paper tape, sandpaper, superglue, white glue, 5min epoxy resin, glue on PU base, nail polish remover, balsaroller, etc….

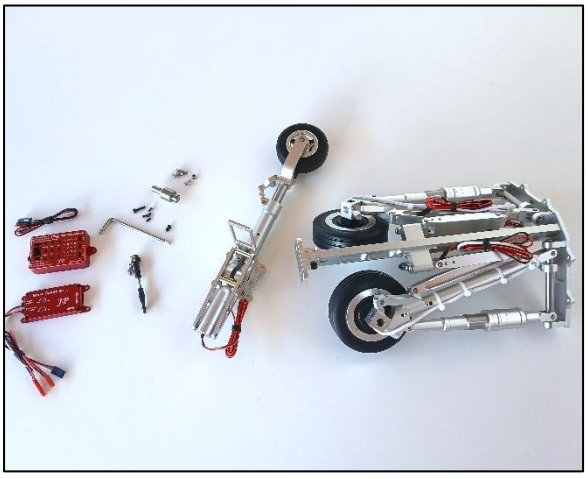
Please note that due to constant development, your kit may differ slightly from the images shown.

X-130 jet kit

description	comment	pcs.
poplar plywood 3mm	plate 1-7	1
balsa sheets 2mm	plate 1-8	1
CFK parts 2mm	control horns, canopy latch,…	1
aircraft plywood 0,4mm	trailing edge, templates,…	1
birch plywood 2mm	servo covers and reinforcement	1
canopy	0,75mm PET-A	1
wing spar	CFRP 10x8x730	1
nozzle	3D print ABS	1
nose cone	3D print ABS	1
wingtip lhs.	3D print ABS	1
wingtip rhs.	3D print ABS	1
neodymium magnet D10x3	canopy lock	4
rudder hinges	D2.5xL43xW10mm	21
balsa blocks	for hinge bonding	42
flat headed screw M4x20	for main wing screwing	2
drive-in nut M4x6	for main wing screwing	2
flat headed screw M2,2x10	for servo covers	28
button head screw M3,5x13	for retracts screwing	12
triangular balsa strip 8mmx1m	for controll surface champfer	1,5
nail 1.2 x20mm	for gear door hinge	2
gear door hinge block	3D print PLA	2

X-130 gear kit

description	comment	pcs.
Metal Struts Set, M-retract controller + M-brake wheel controller	JP Hobby ER-150 Tomjets Tomjets X130 1.4m Retract set	1



X-130 decals kit

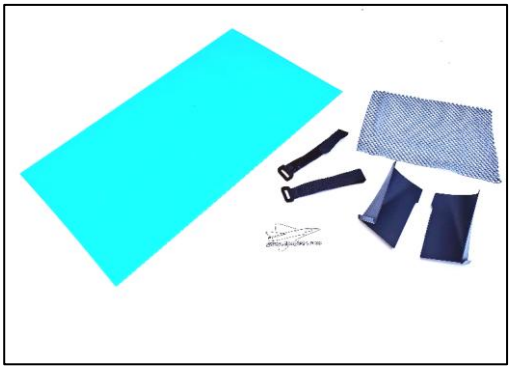
description	comment	pcs.
high-quality fuel-resistant adhesive film	tomjets design 2025 different colour schemes possible on request	2

X-130 turbine kit

description	comment	pcs.
1l bagtank	fully assembled	1
thrust pipe	460mm D55	1
sheetmetal tabs	for thrust pipe mount	2
drive-in nut M3x5	for tank mount	2
flat headed screw M3x10	for tank mount	2

X-130 EDF kit

description	comment	pcs.
unwrapped thrust pipe	0,5mm PET lasercut and engraved	1
lairintake duct lhs + rhs	3D print ABS	2
velcro 20x300 mm	for battery mount	2
anti-slip pad ca. 20x20cm	for battery mount	1



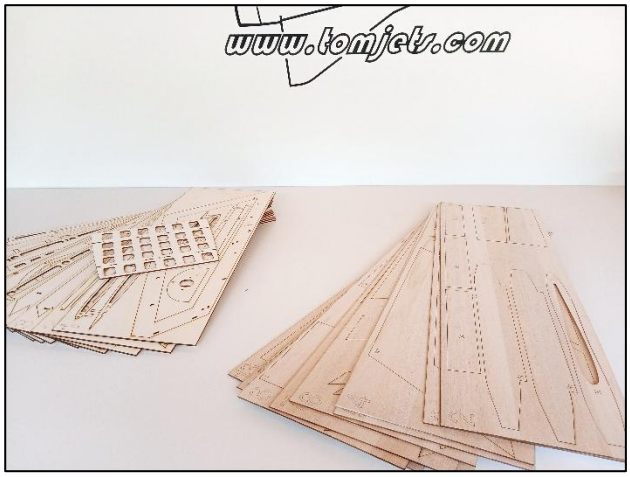
X-130 Servo kit

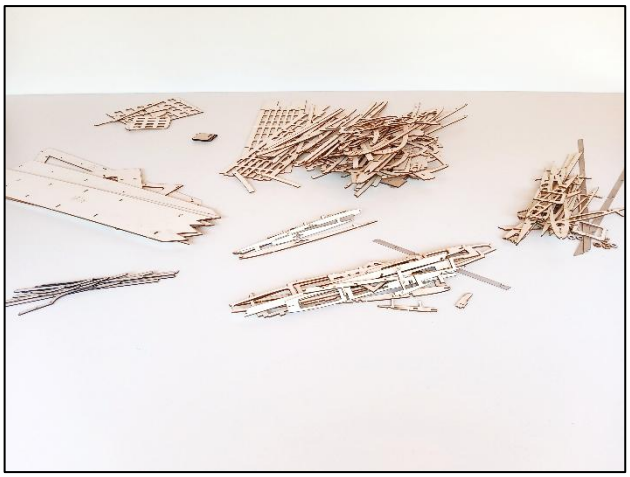
description	comment	pcs.
Chaservo DS09	for control surfaces	7
Chaservo DS09	for steering and gear door	2
ball head M2 + monting screws	for control linkage	14
threaded rod M2 50cm	for control linkage	1
mounting blocks	5mm ply wood	16

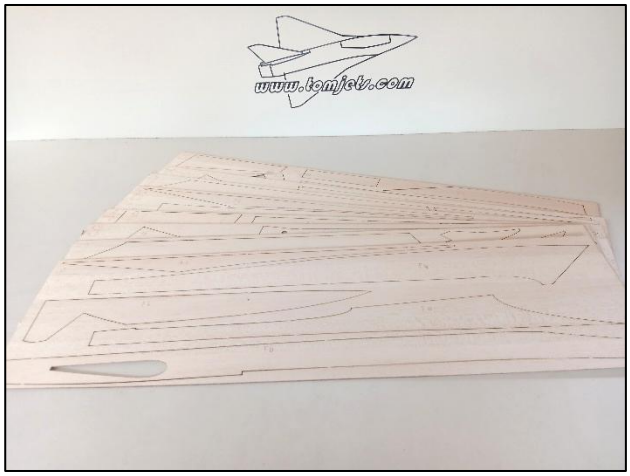
X-130 Lightning kit

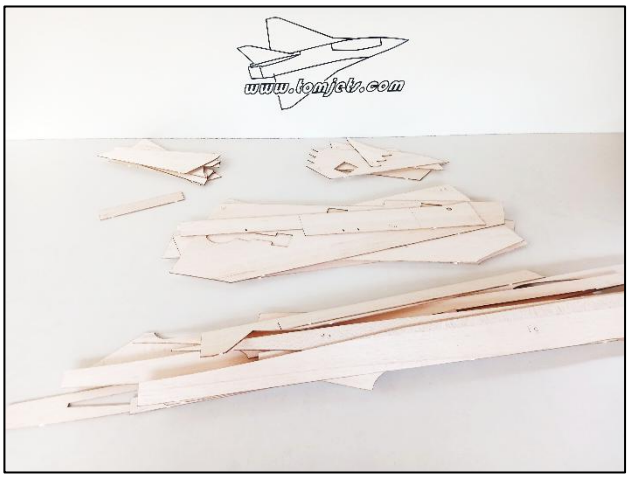
description	comment	pcs.
MODUL-E4	CONTROL	1
BAR5-030x2-WE	SPOT WING	1
DUAL7E-040x2-PACK	NAV WING red and green	1

separat the wood parts





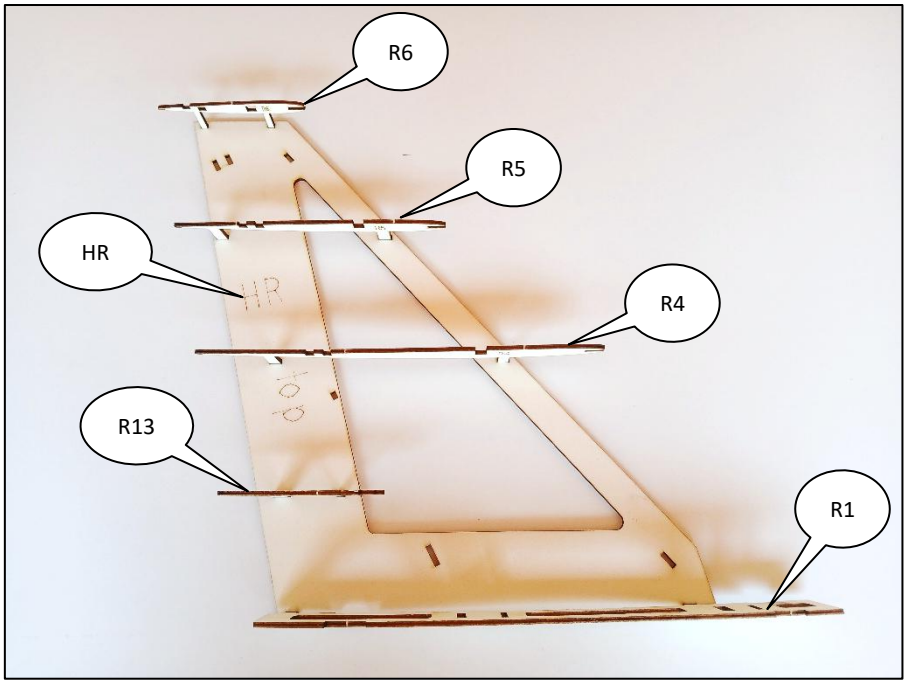




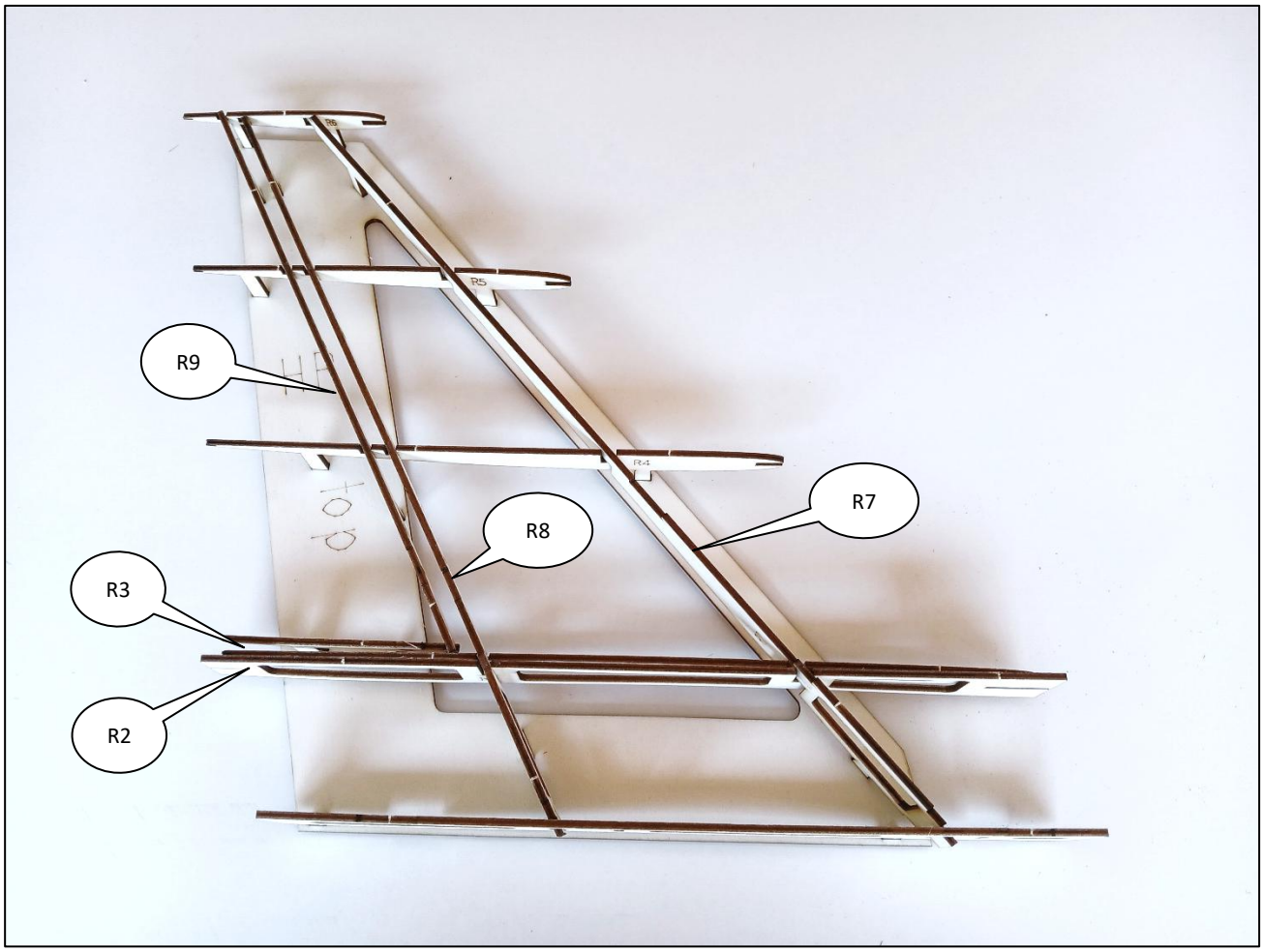
sort the parts according to the assemblies:
H=helling F=fuselage W=wing R=rudder C=carnard S=servo G=gear door

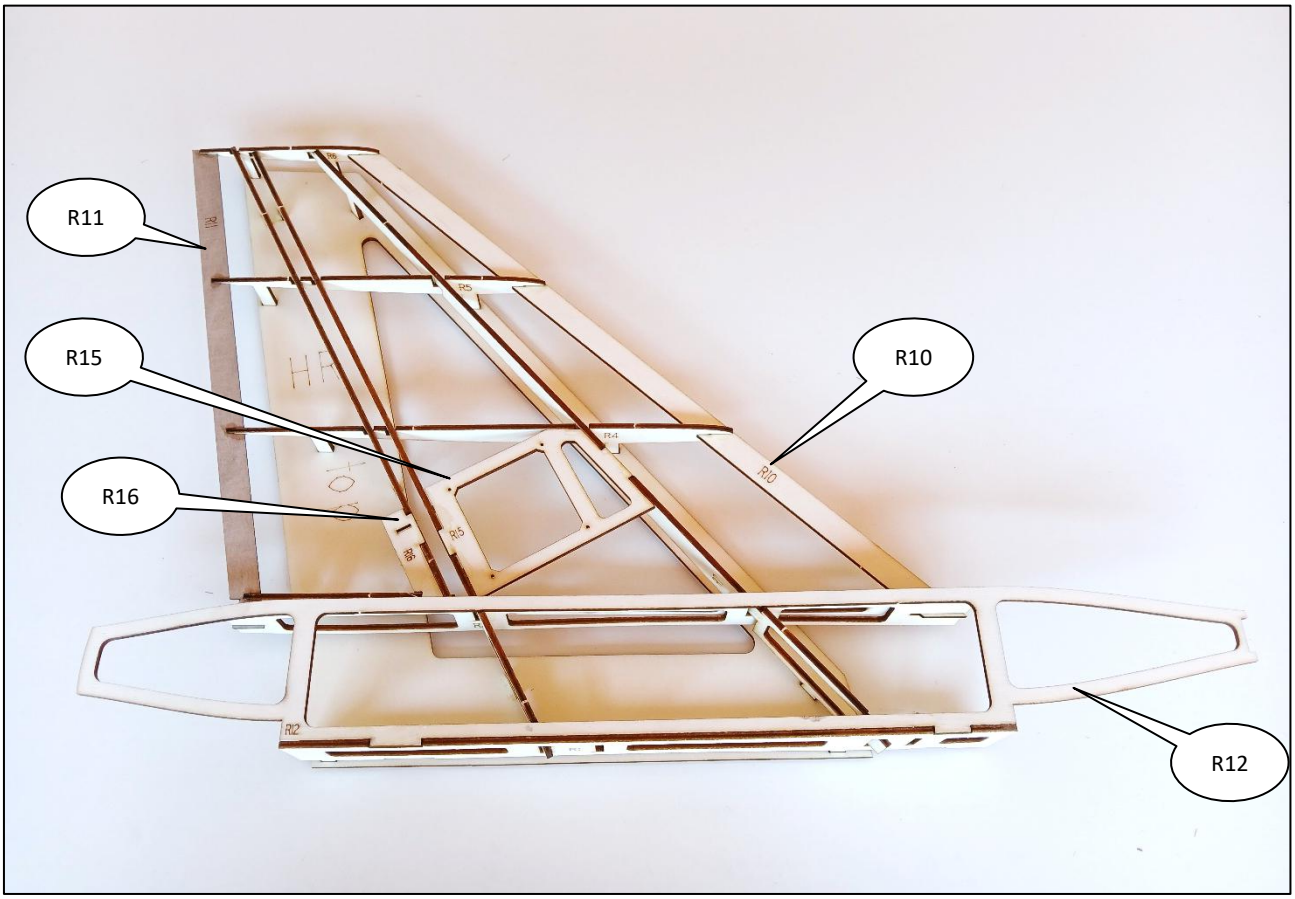
handle with care

Rudder

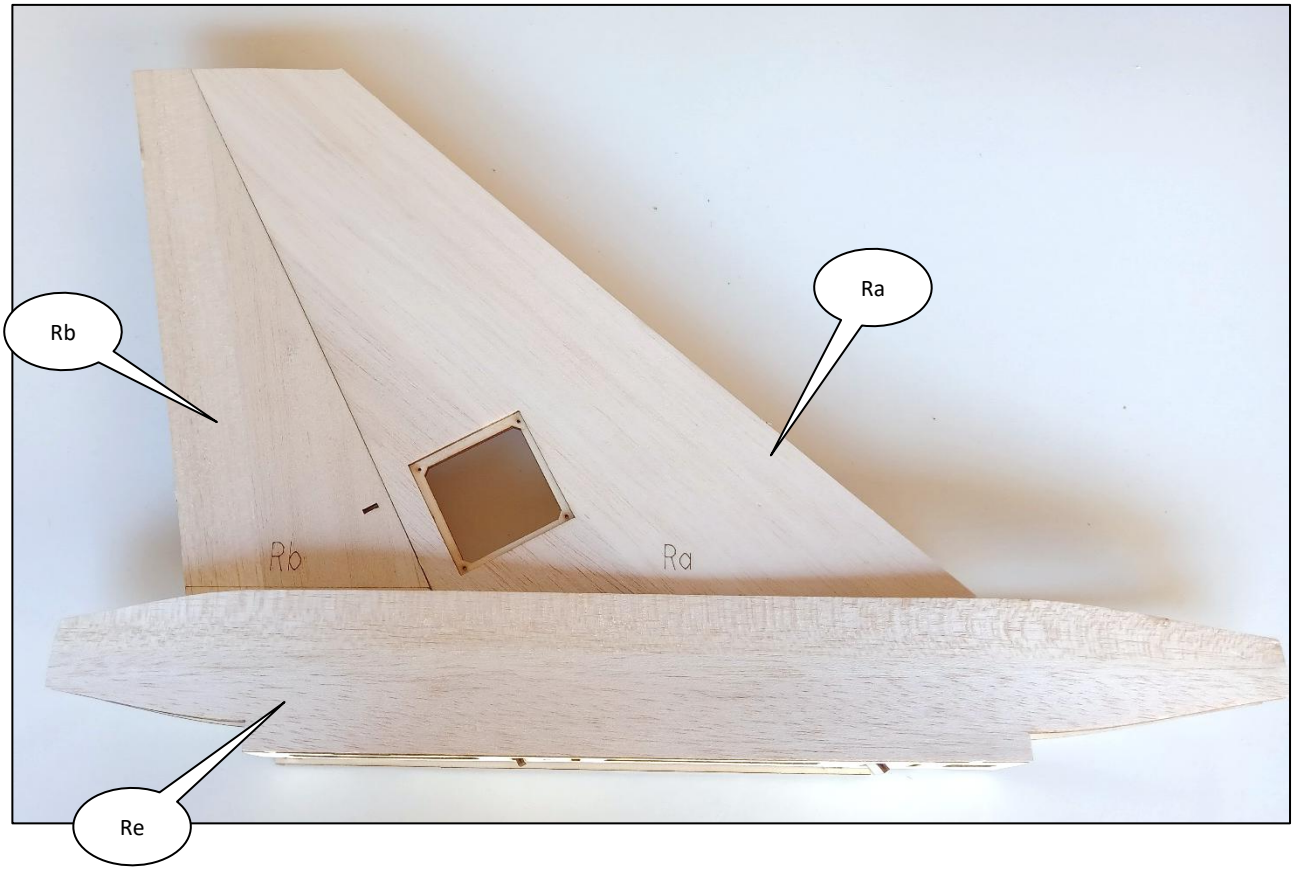


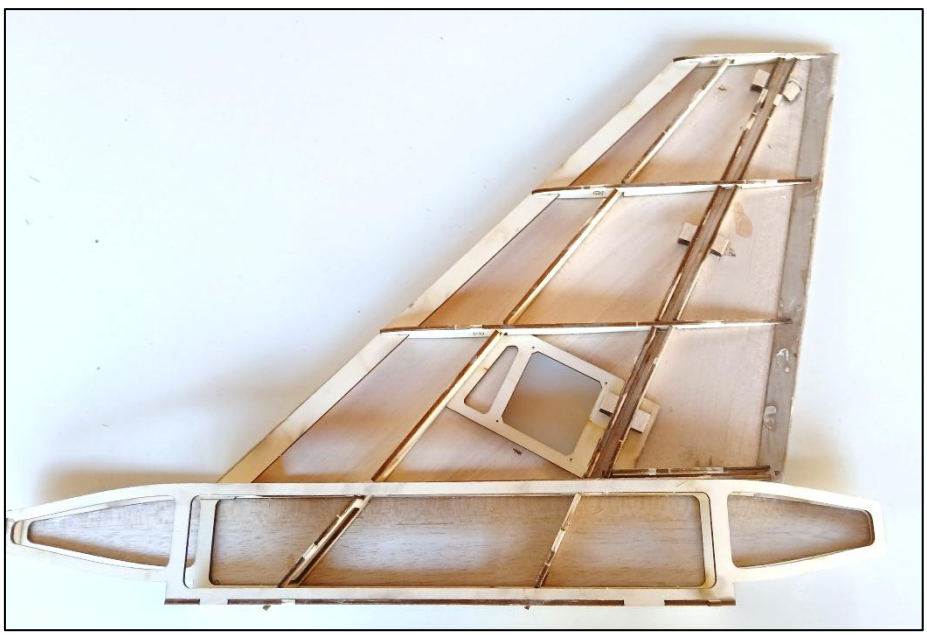
make sure the lettering “top” is facing to the front side





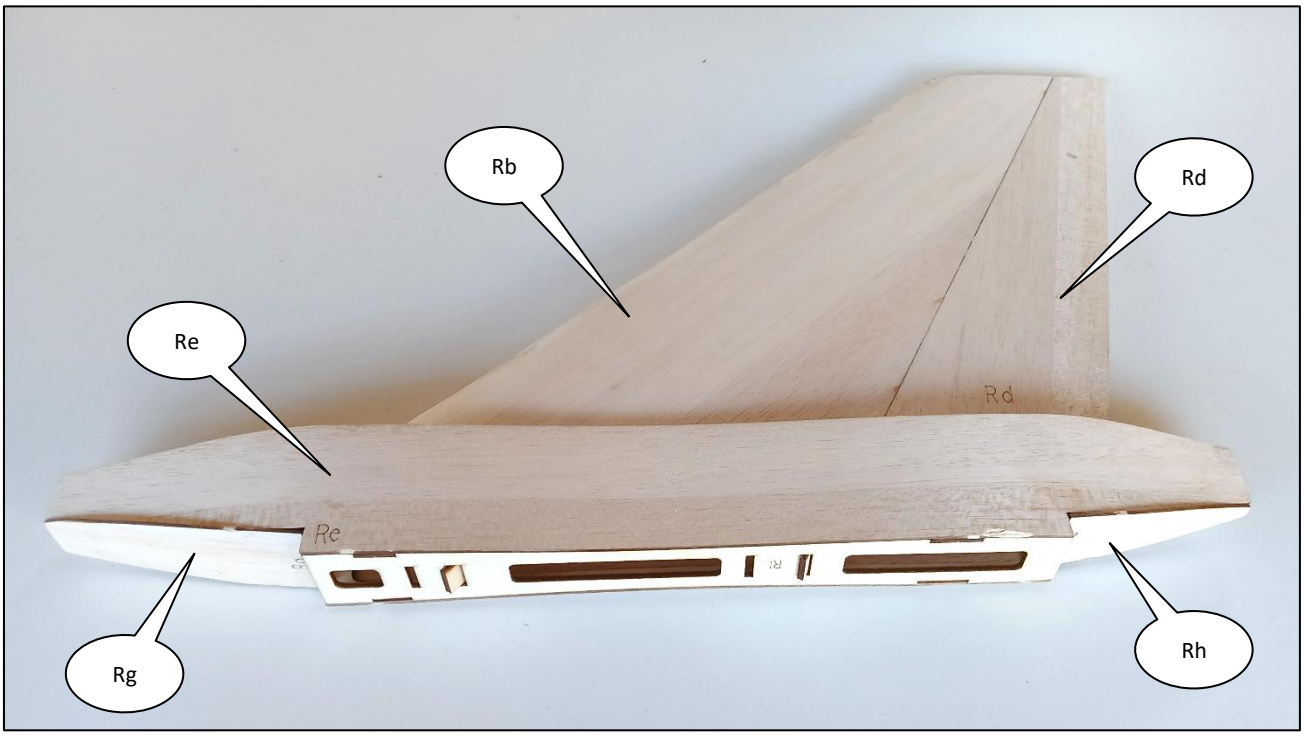
flip the rudder and remove guiding jig temporarily



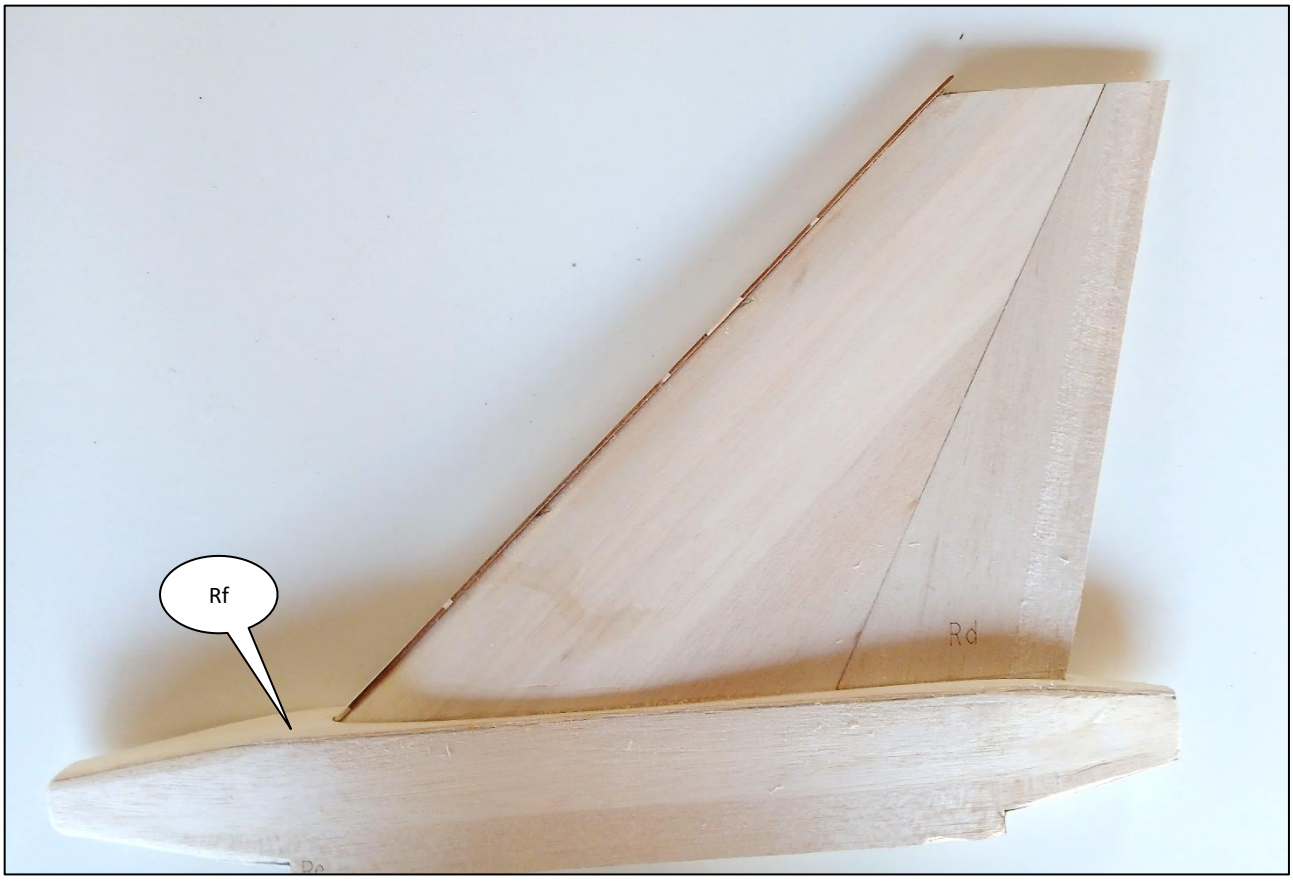


flip the rudder and remove the support legs

glue the balsa blocks for hinge stabilization, before closing the wing



use balsa leftovers for closing the leading edge

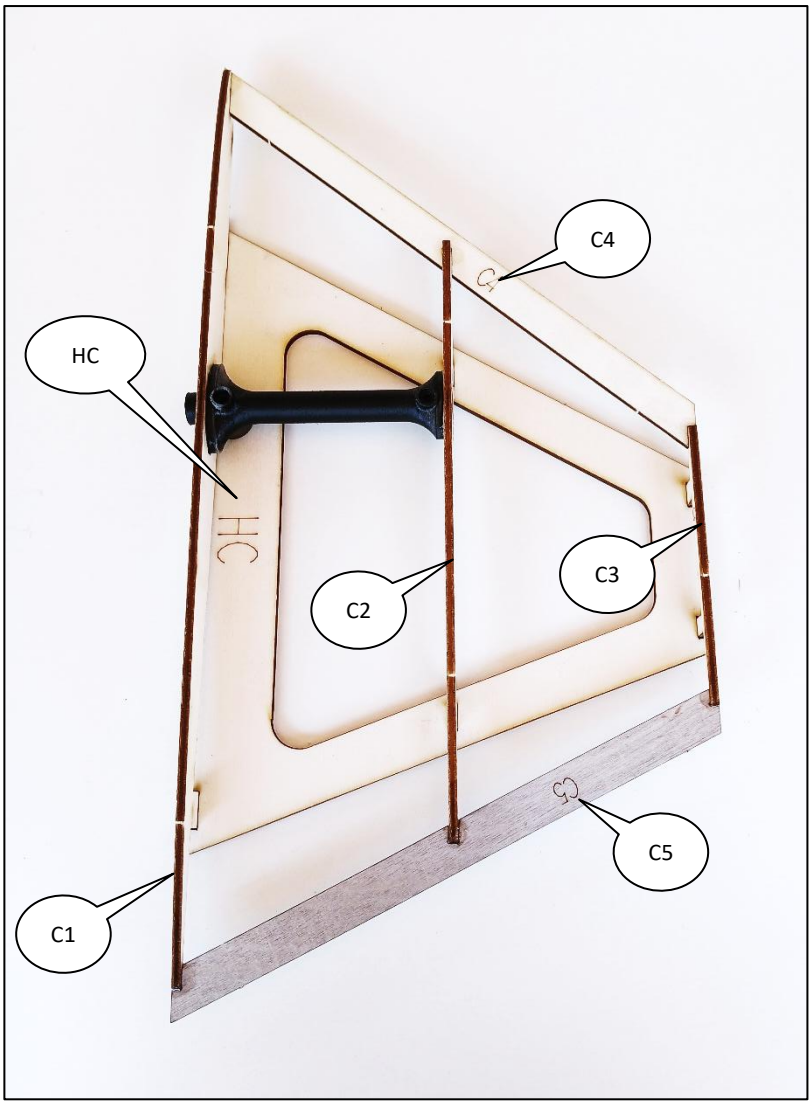


cut out the control surface and sand the edges

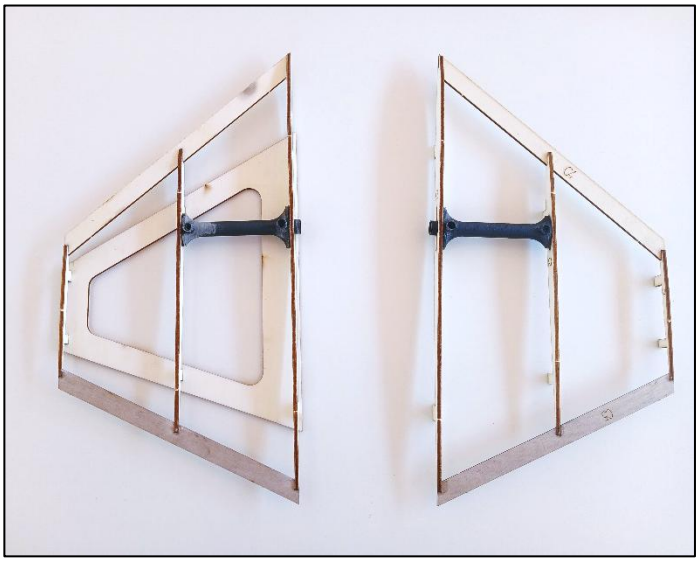
glue the triangular balsa strip

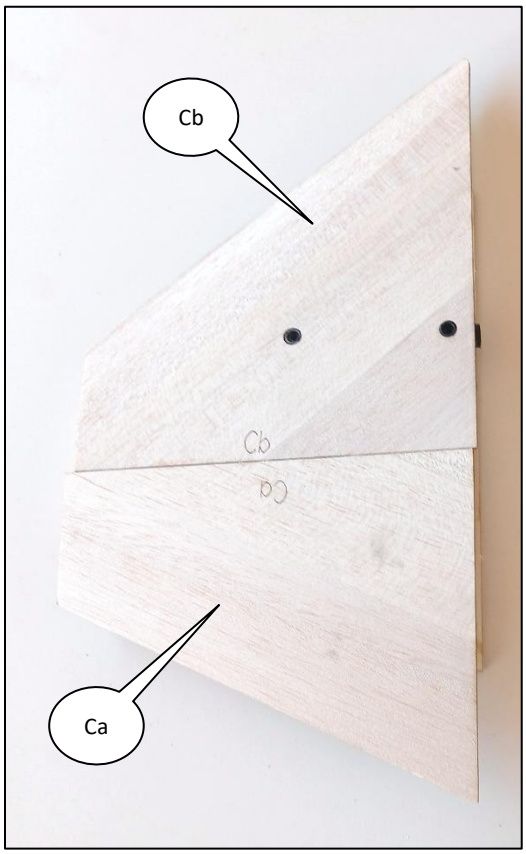
use a 3mm drill and fit in the hinges

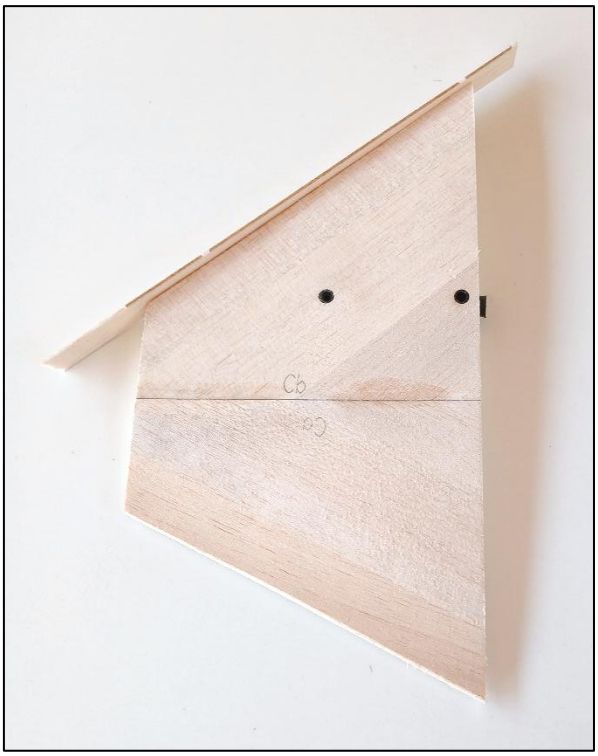
Carards



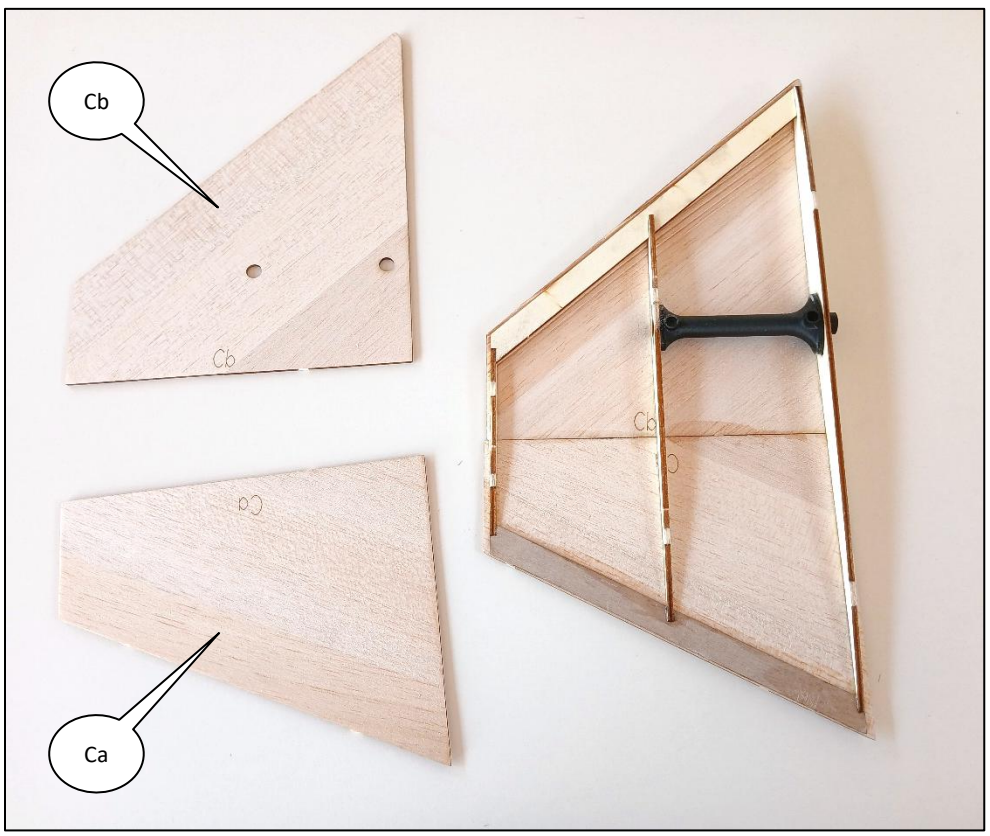
only one mounting jig supplied





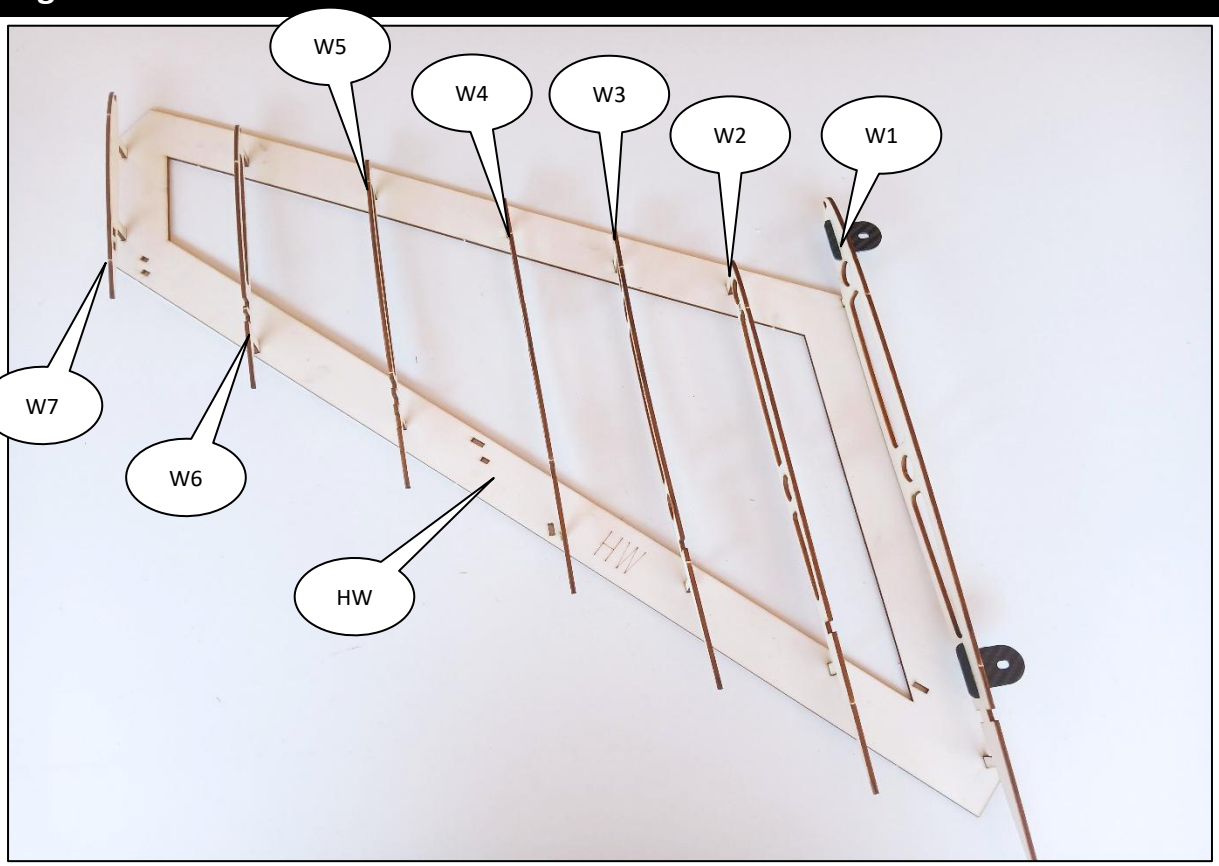


use balsa leftovers for closing the leading edge

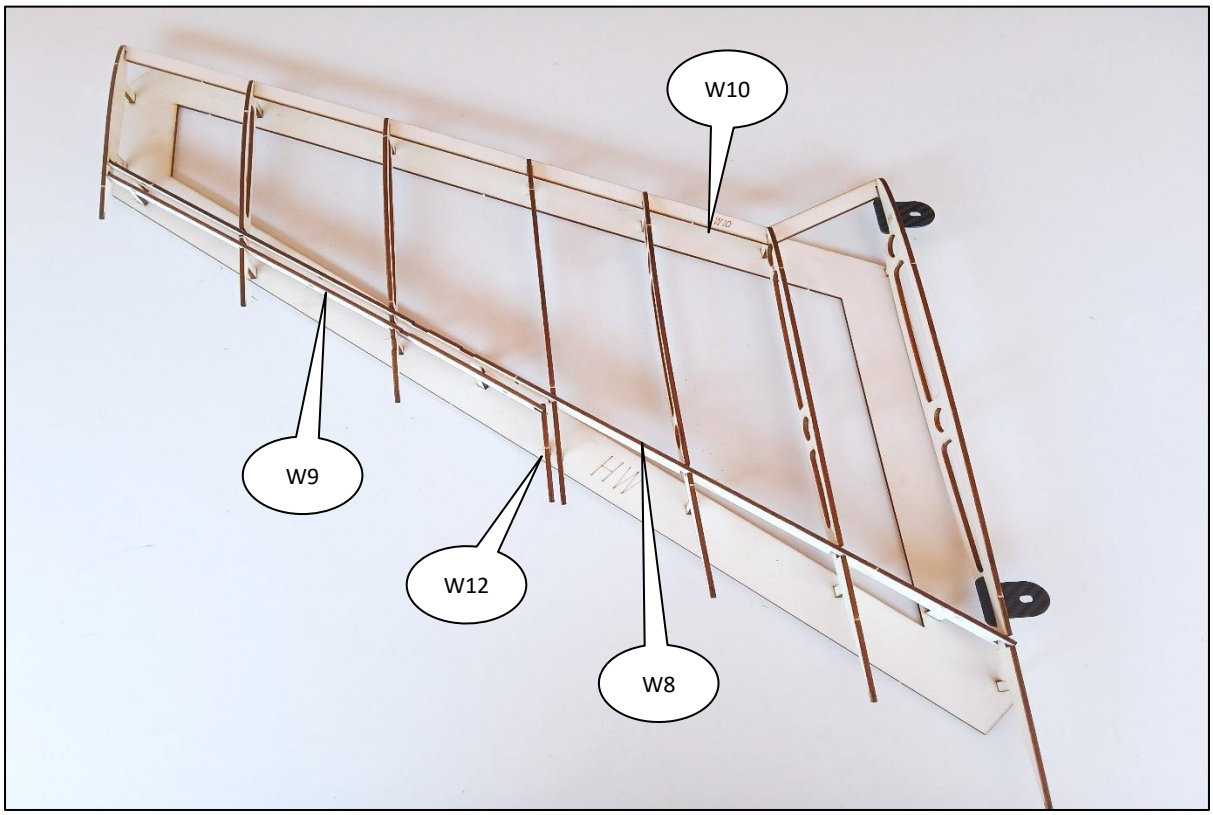


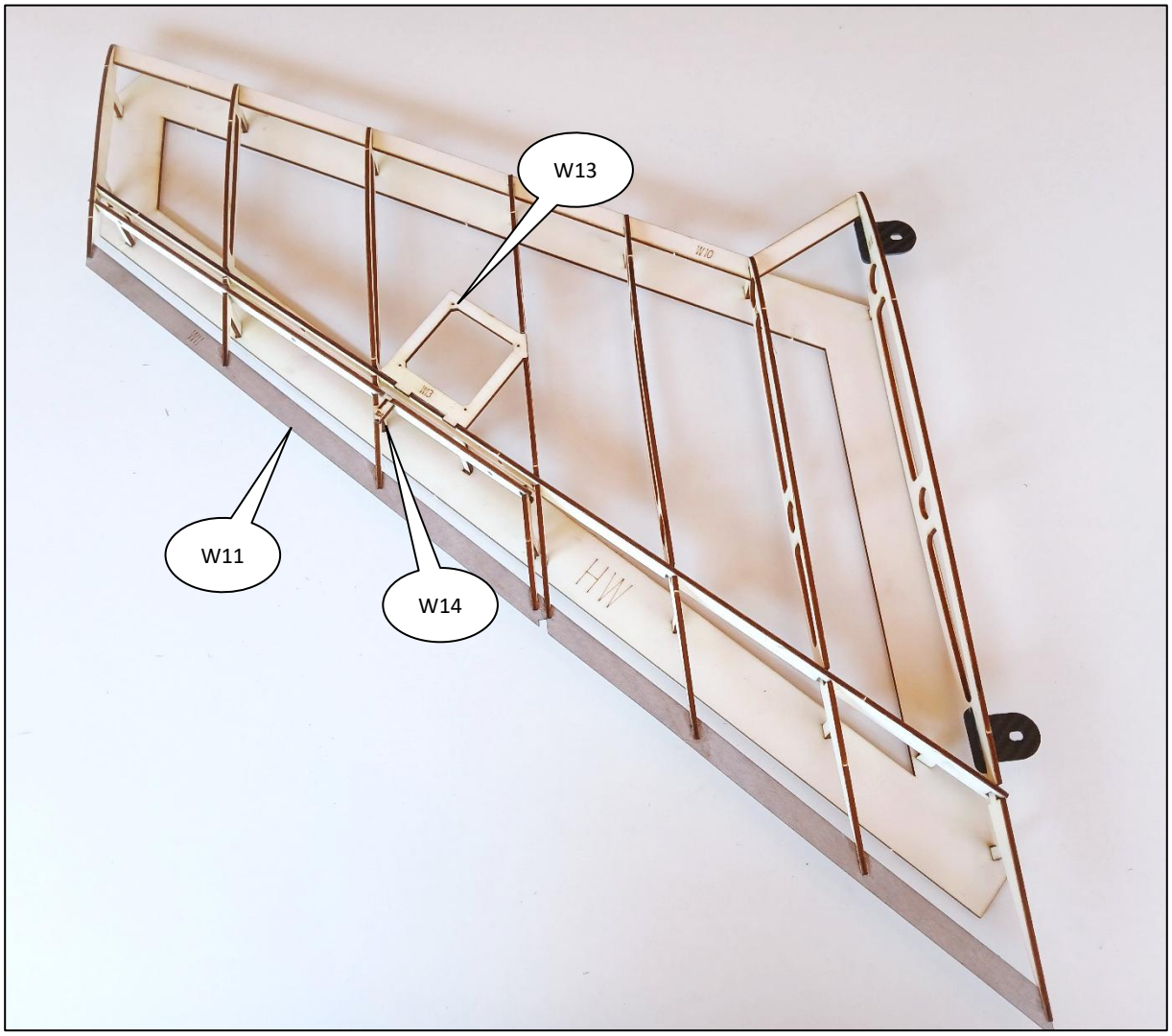
Flip carnards and remove the support legs

Wing



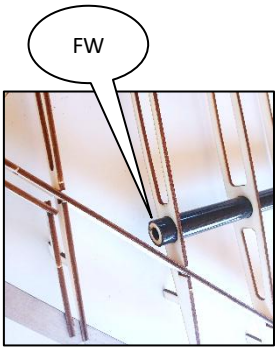
carbon tabs can not be mounted at a later stage

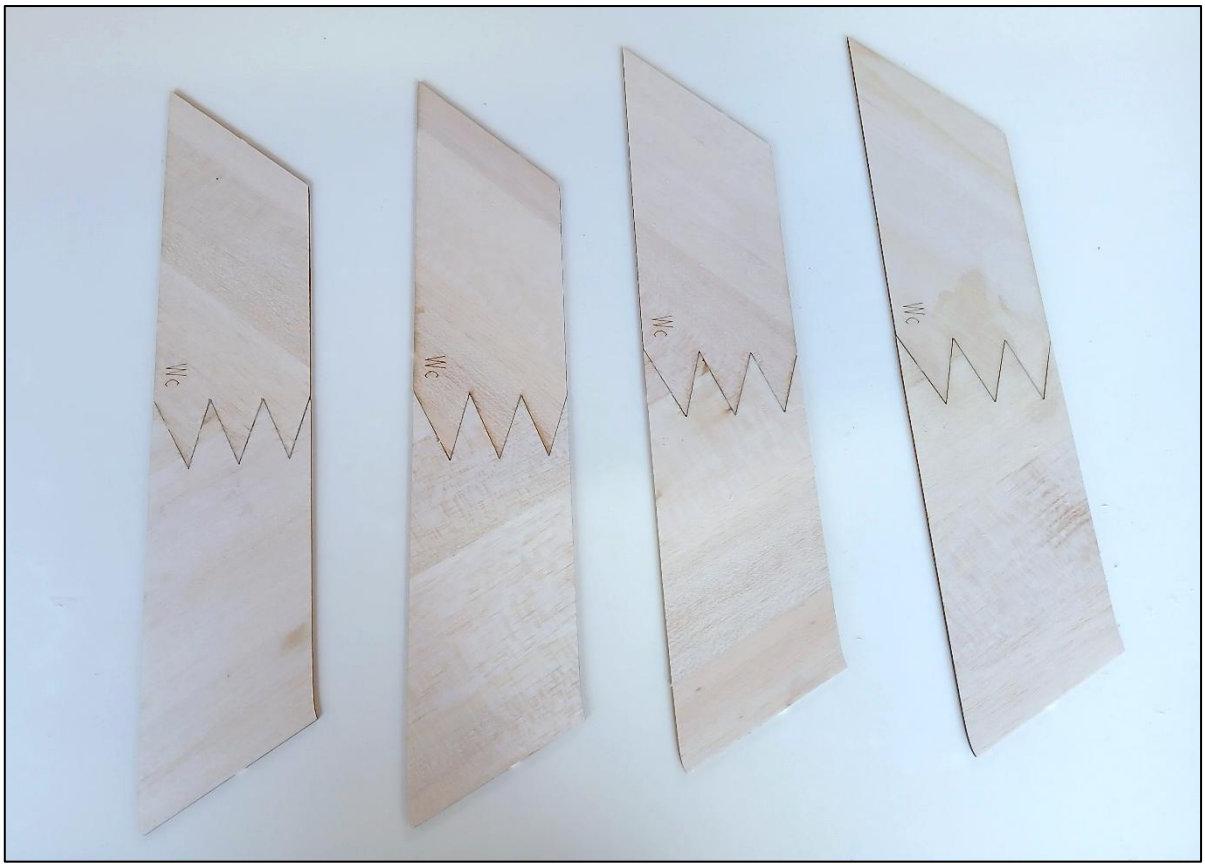




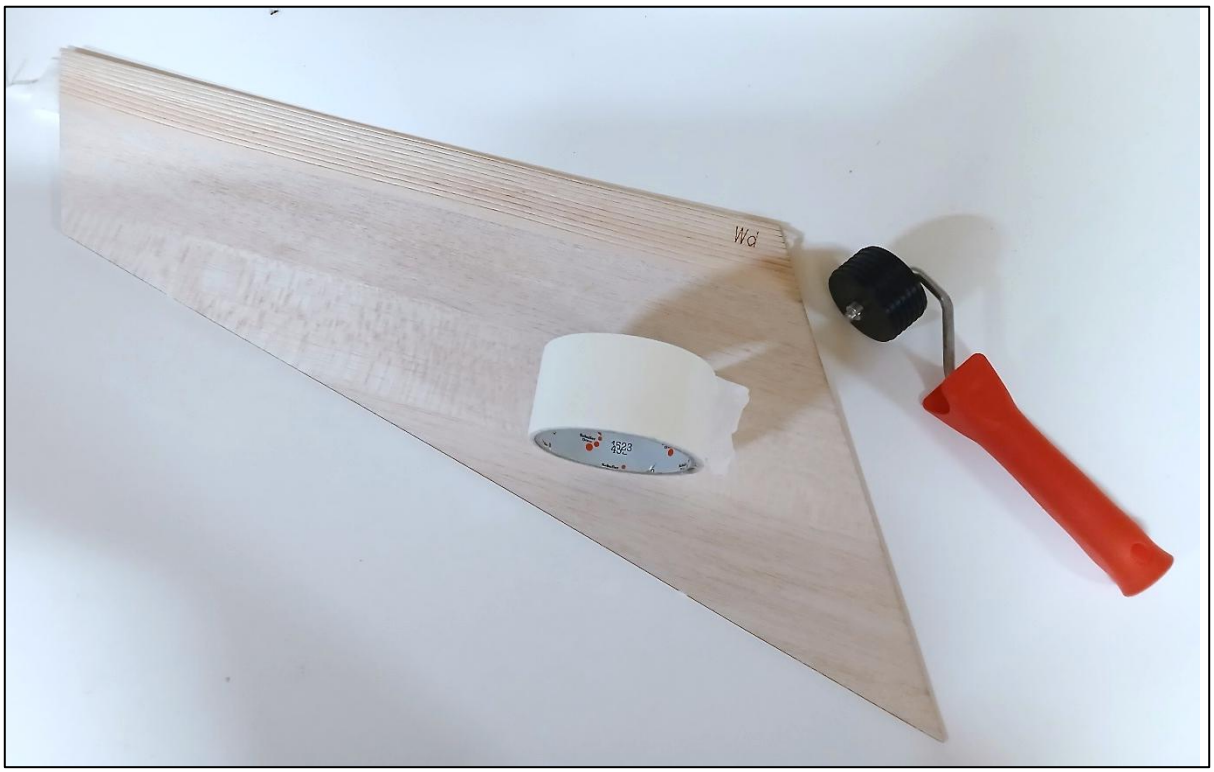
make sure to build the second wing mirrored

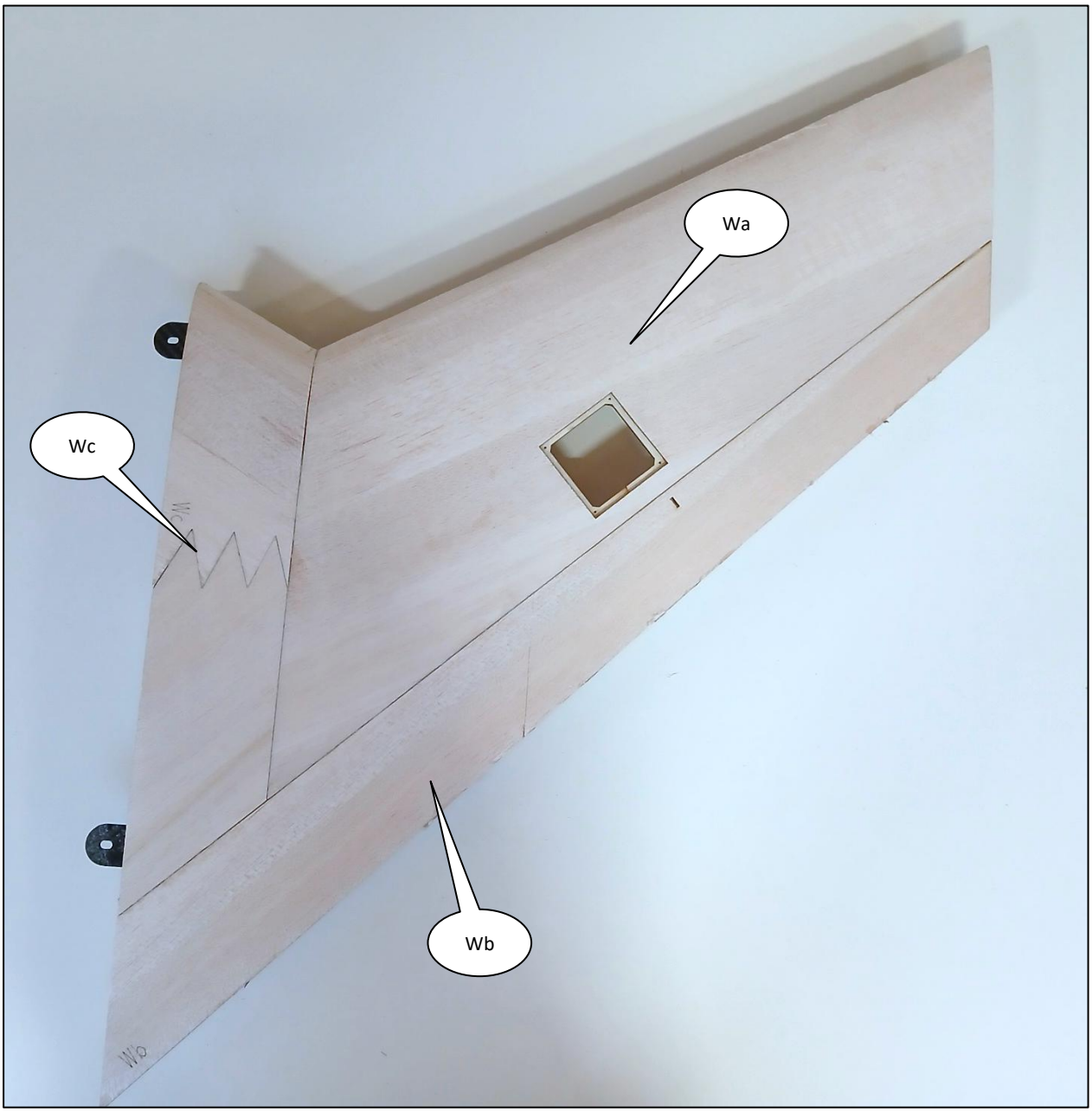
only one mounting jig supplied





use the tomjets balsaroller together with tape on the outer side to prebend the leading edge



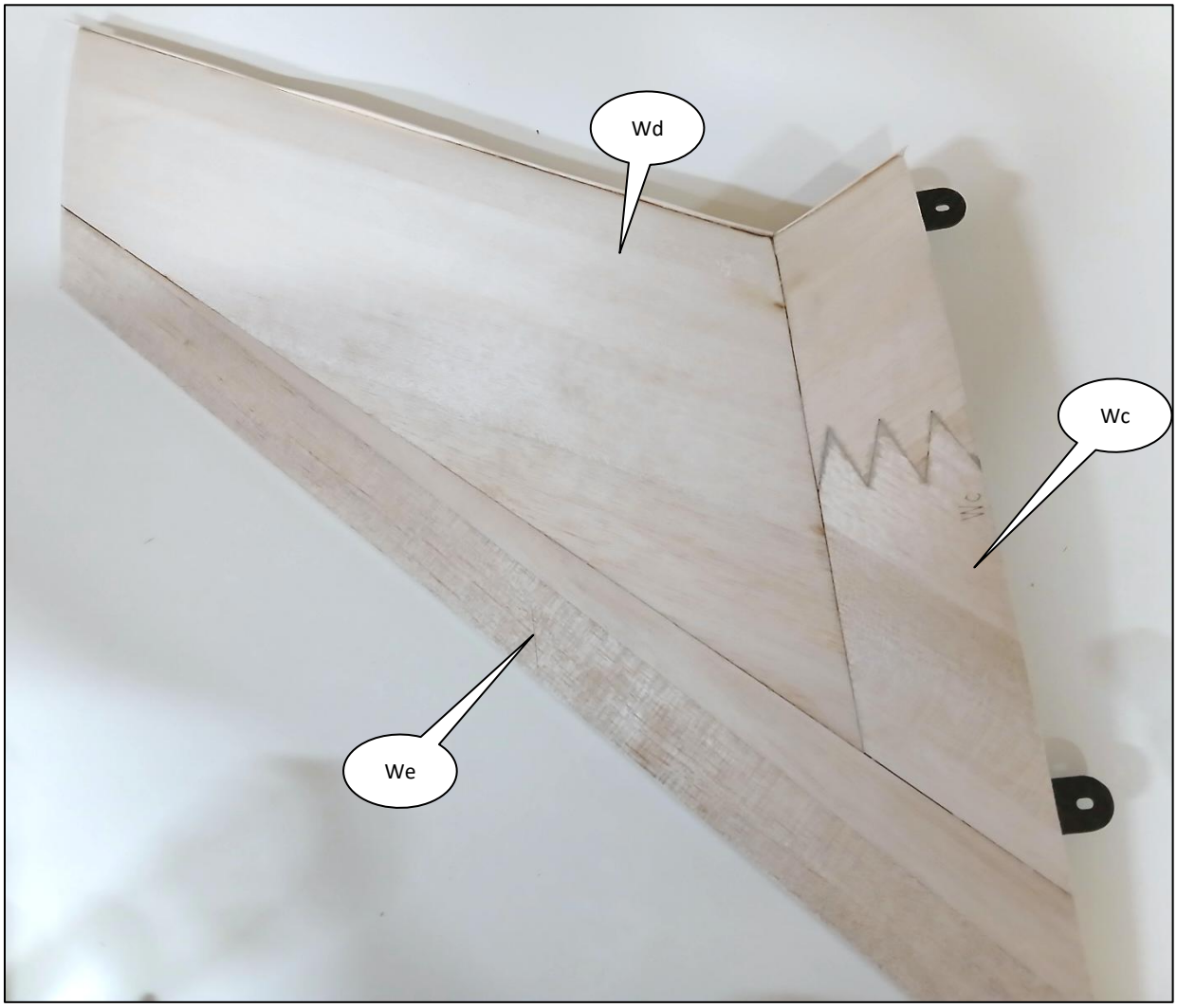


mount servo cover to guide the balsa sheets

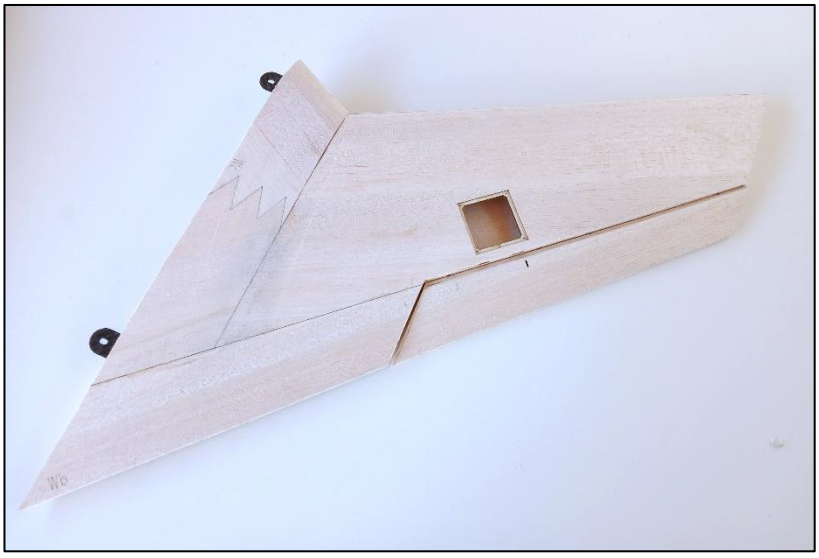
flip the wing and remove the support legs

glue the balsa blocks for hinge stabilization, before closing the wing

fit in and glue the carbon spars



use balsa leftovers for closing the leading edge

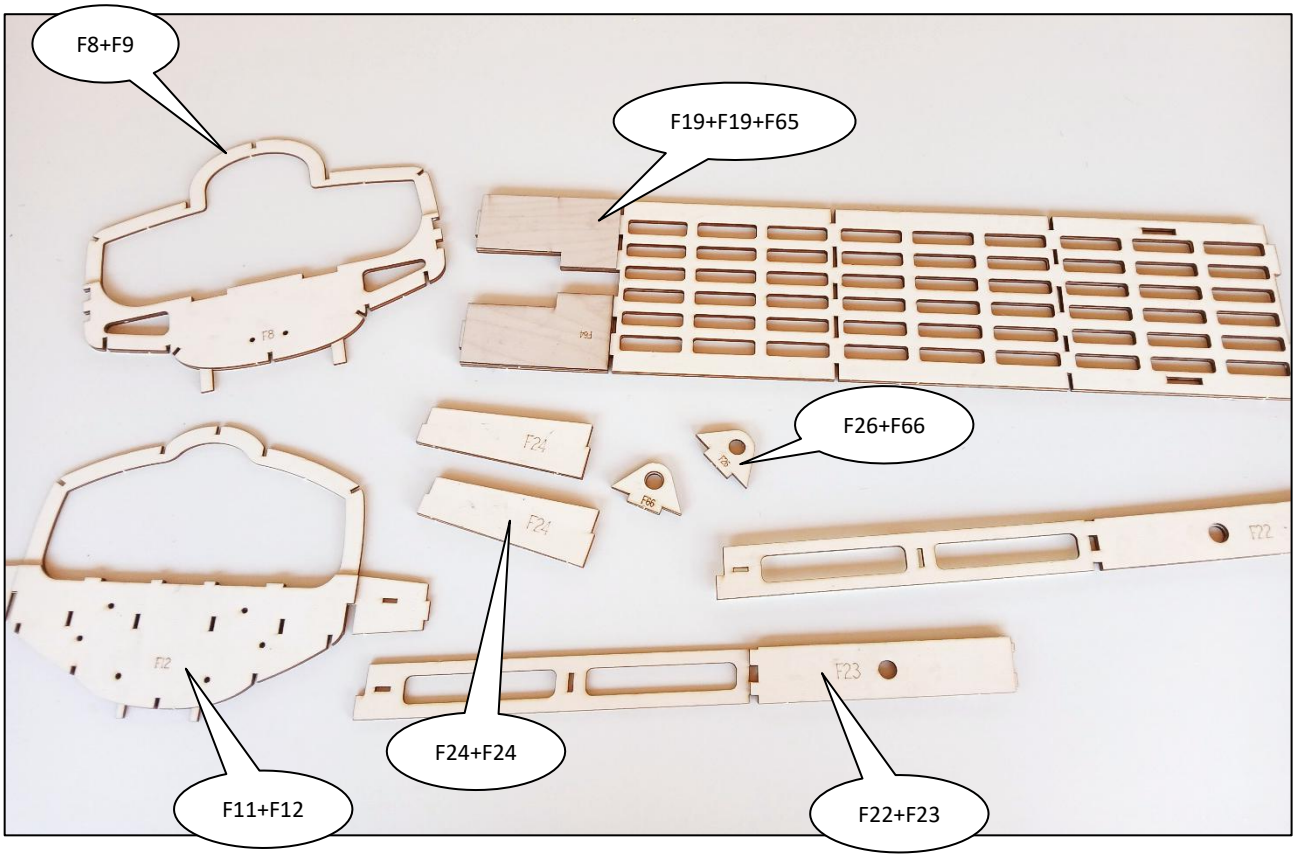


cut out the control surface and sand the edges

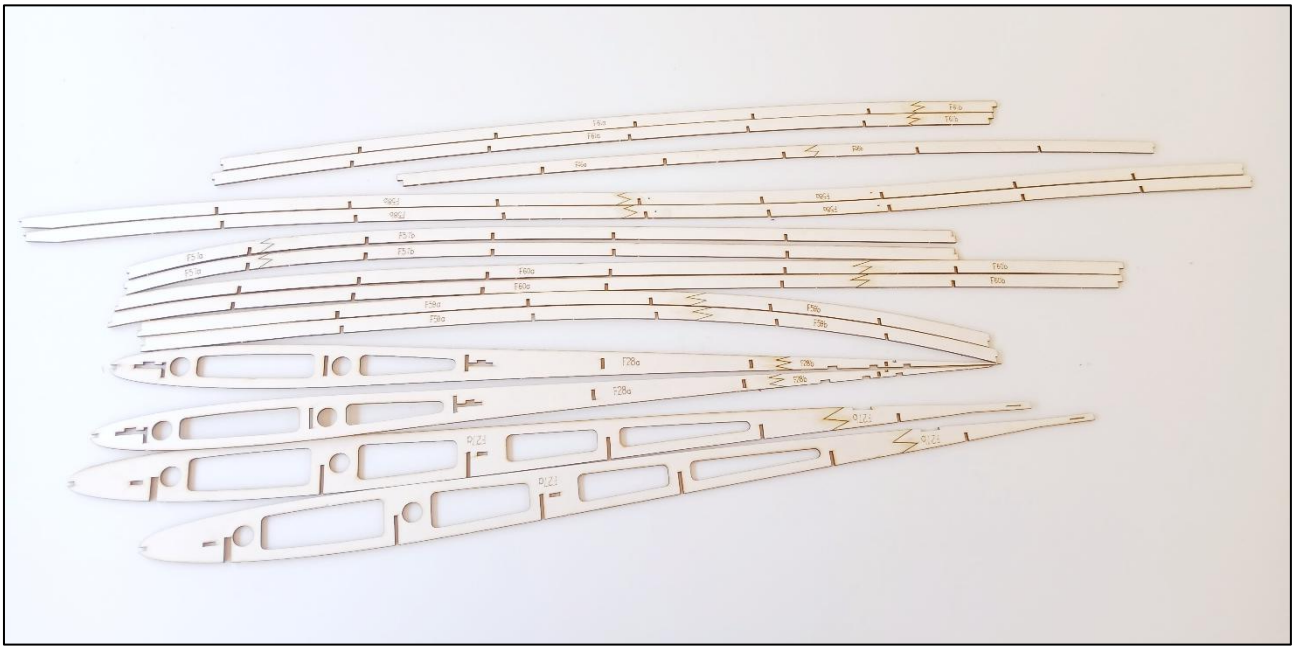
glue the triangular balsa strip

use a 3mm drill and fit in the hinges

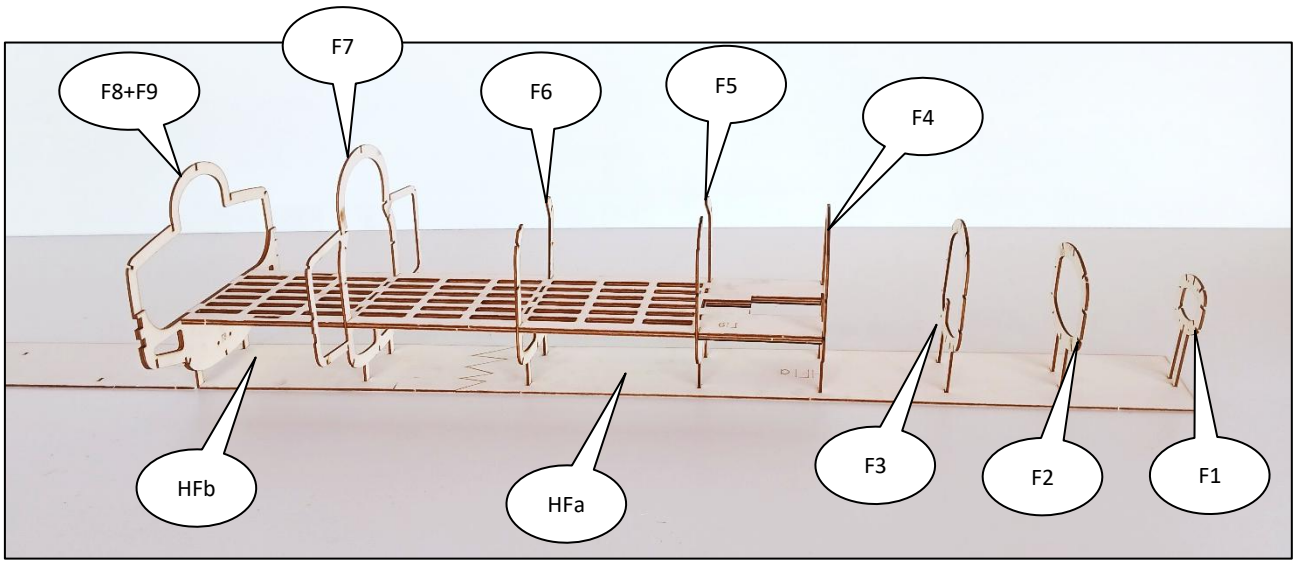
Fuselage

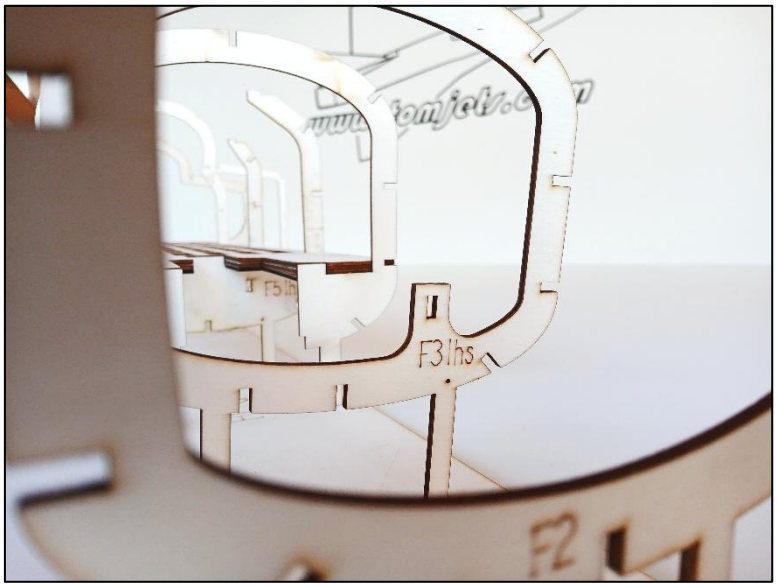


make sure to mirror F22+F23



glue F “a” and F “b” parts

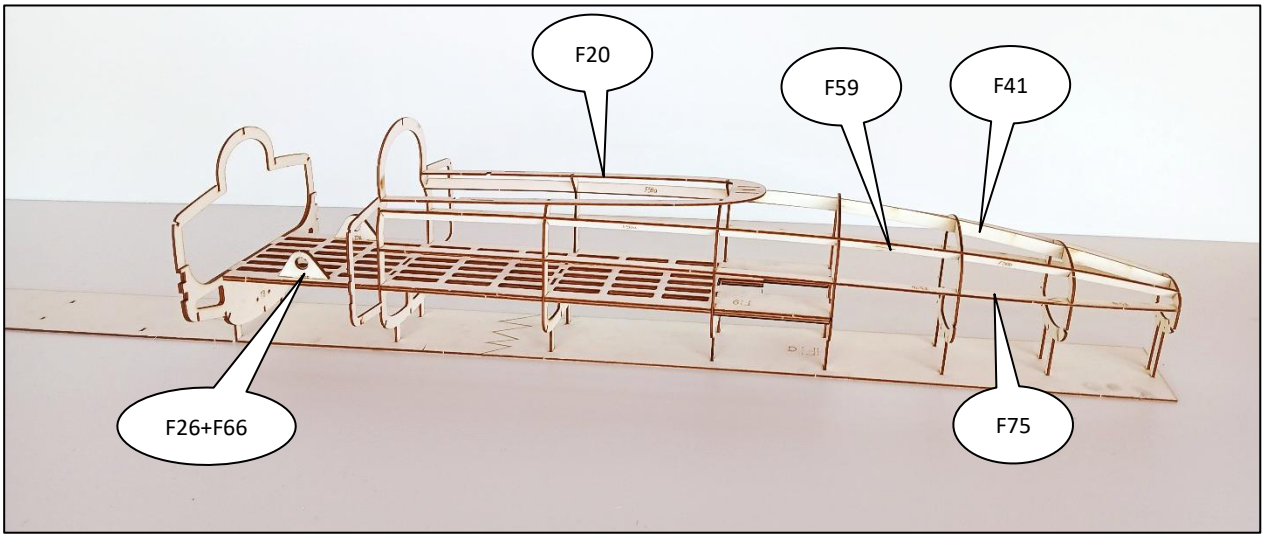




note left hand side F3 and F5

note F65 facing to the bottom

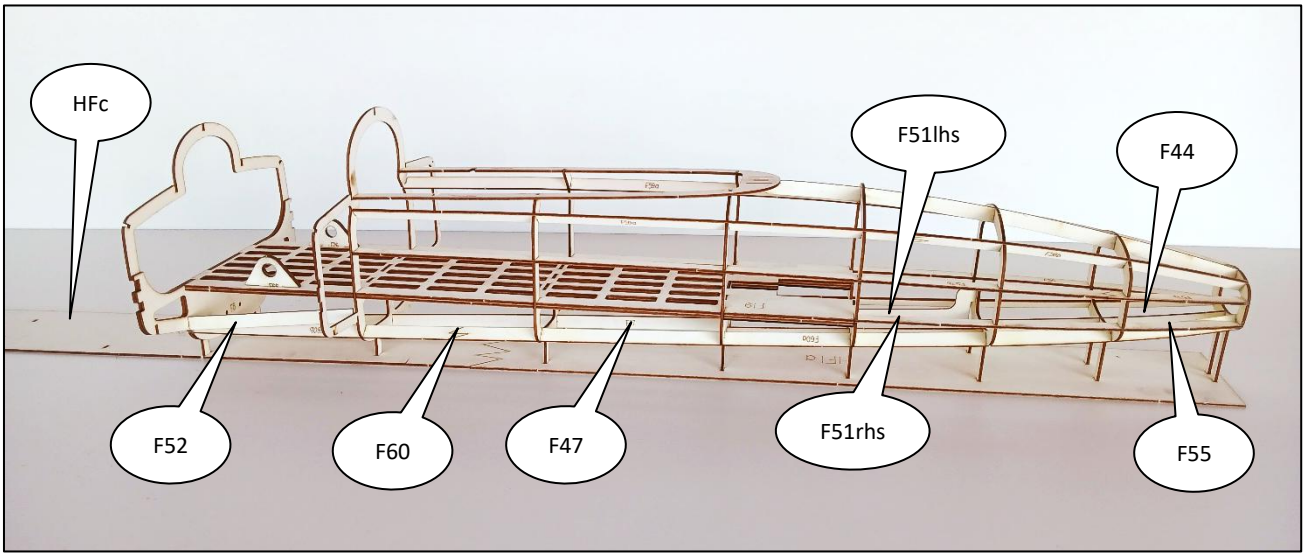
note F8 facing to the front

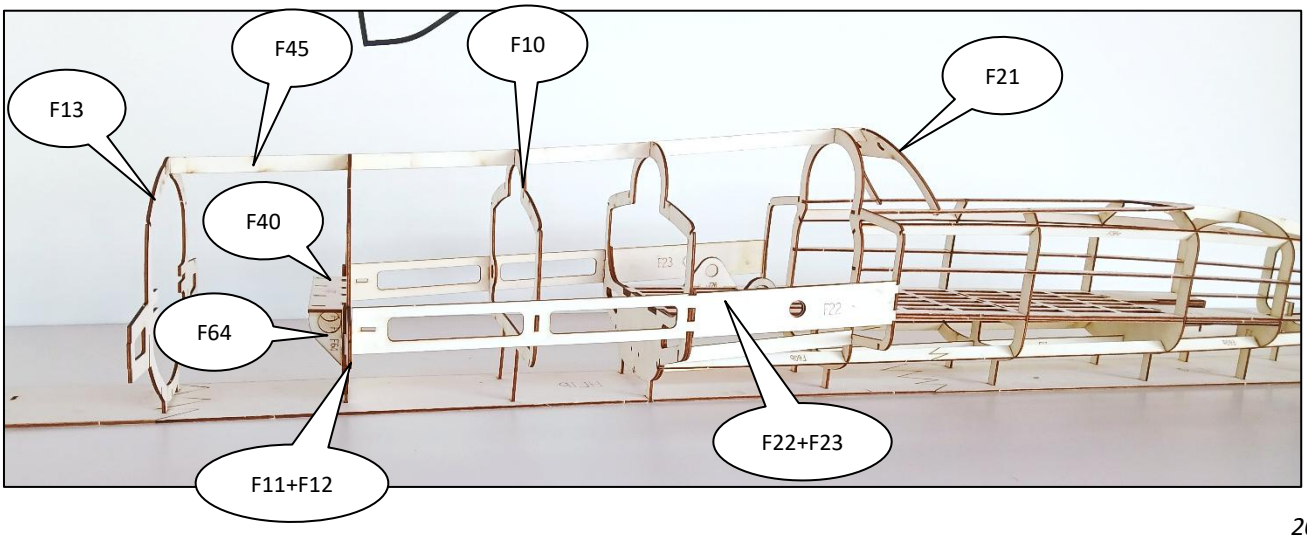


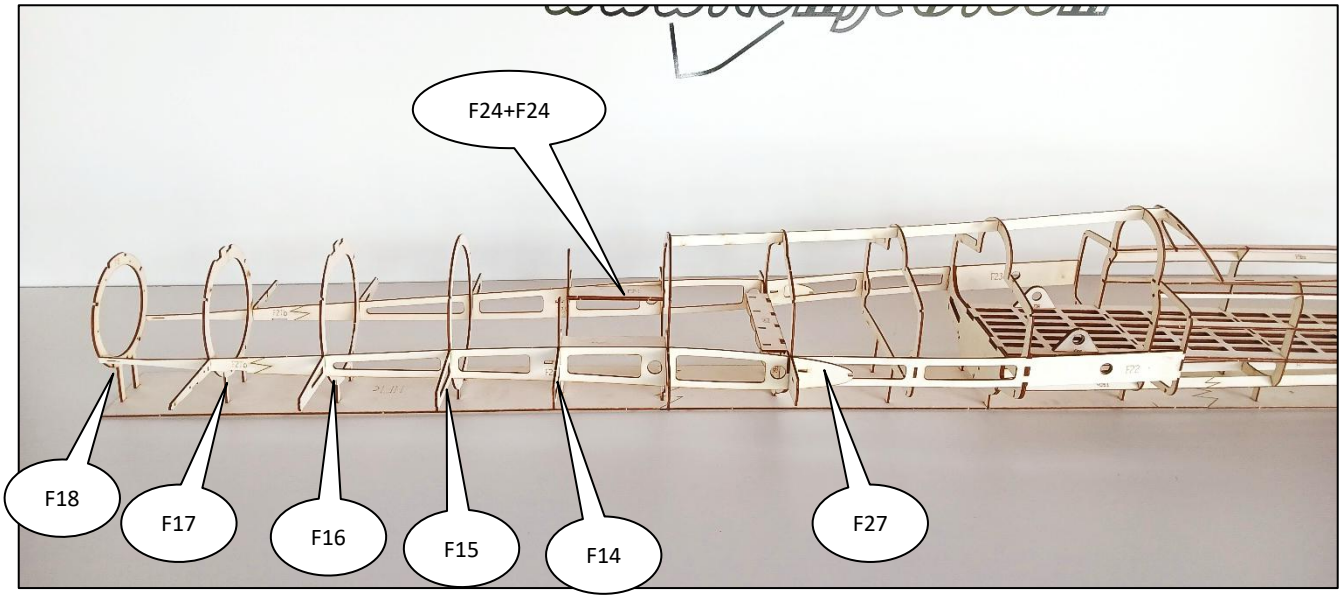
note F66 facing to the outside, F26 facing to the inner side

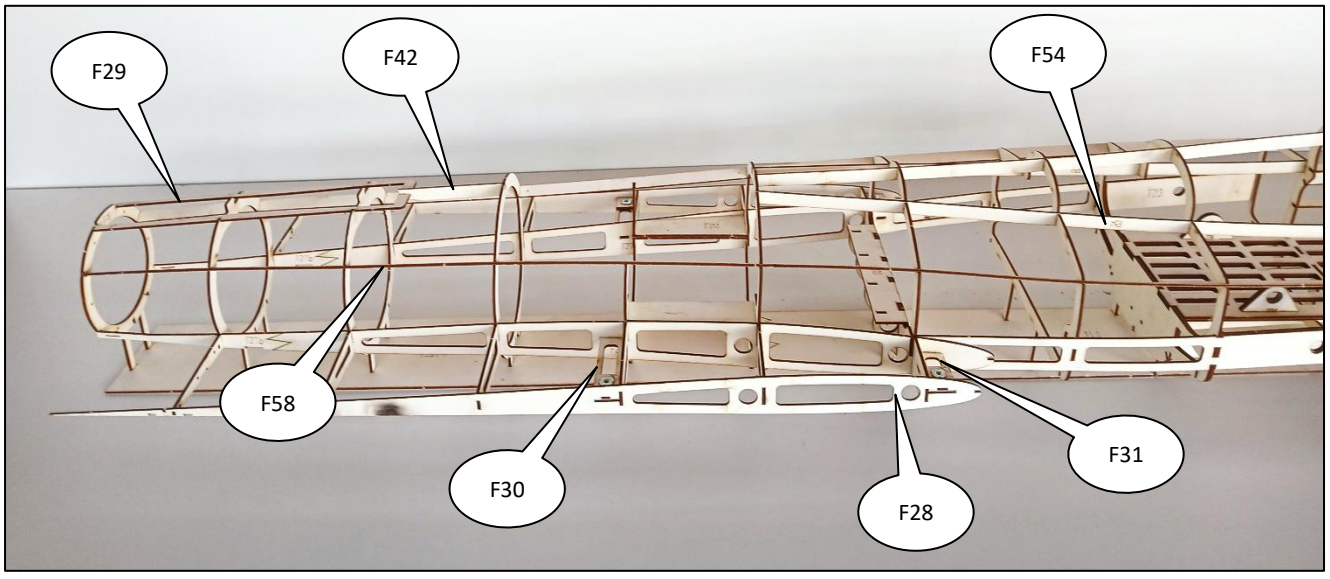
note F11 facing to the front

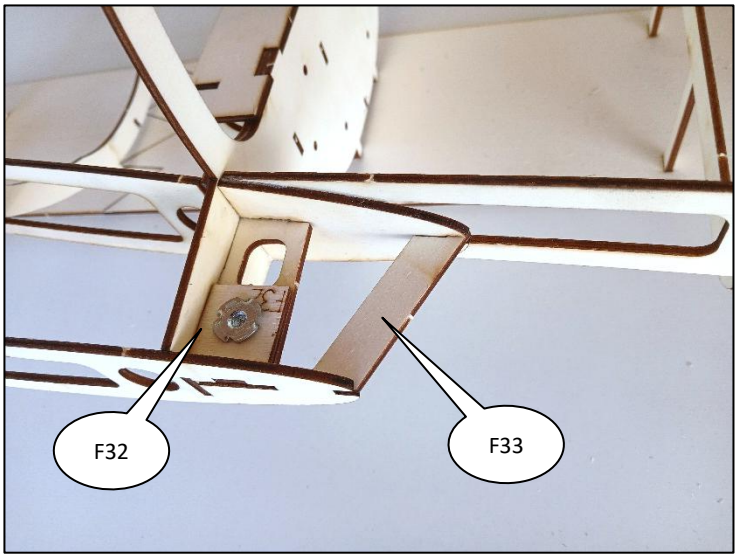
note F22 facing to the outside



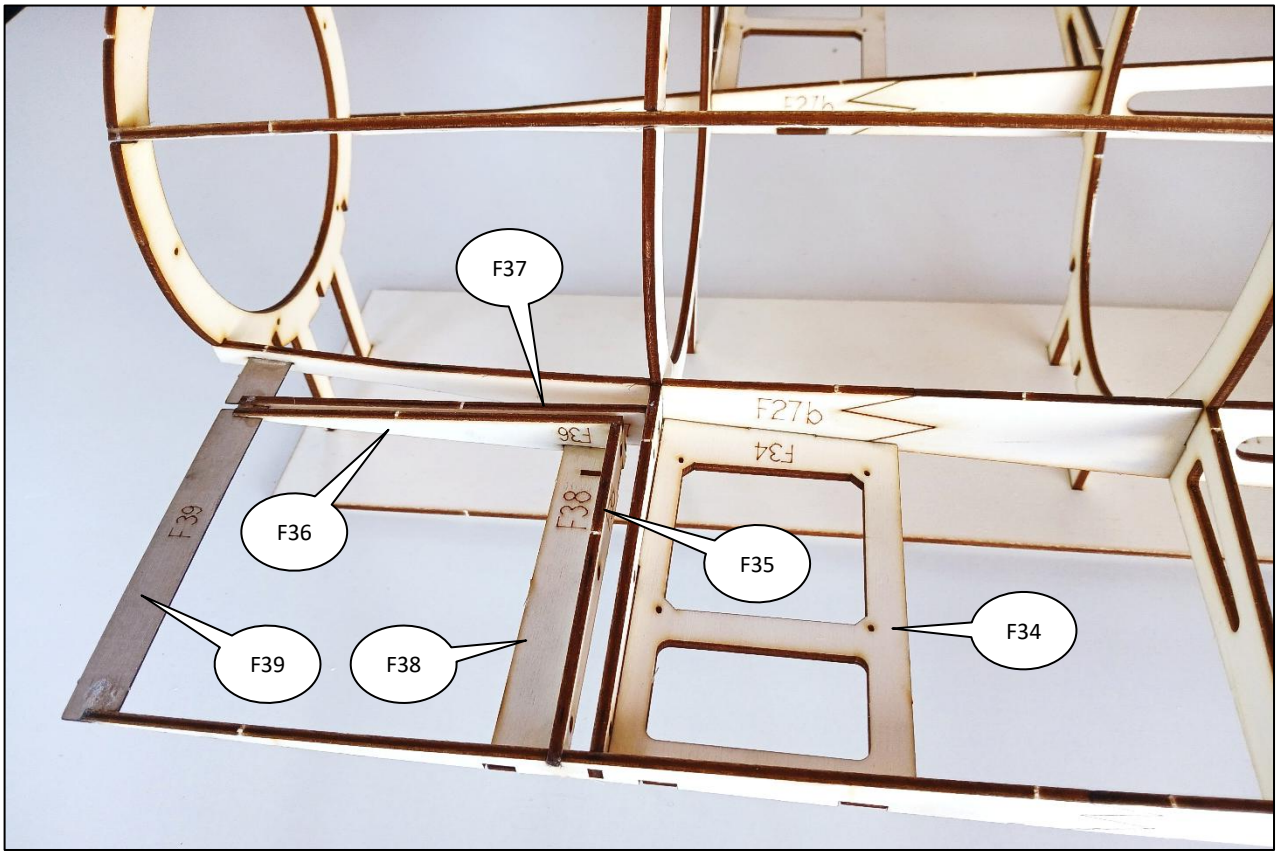


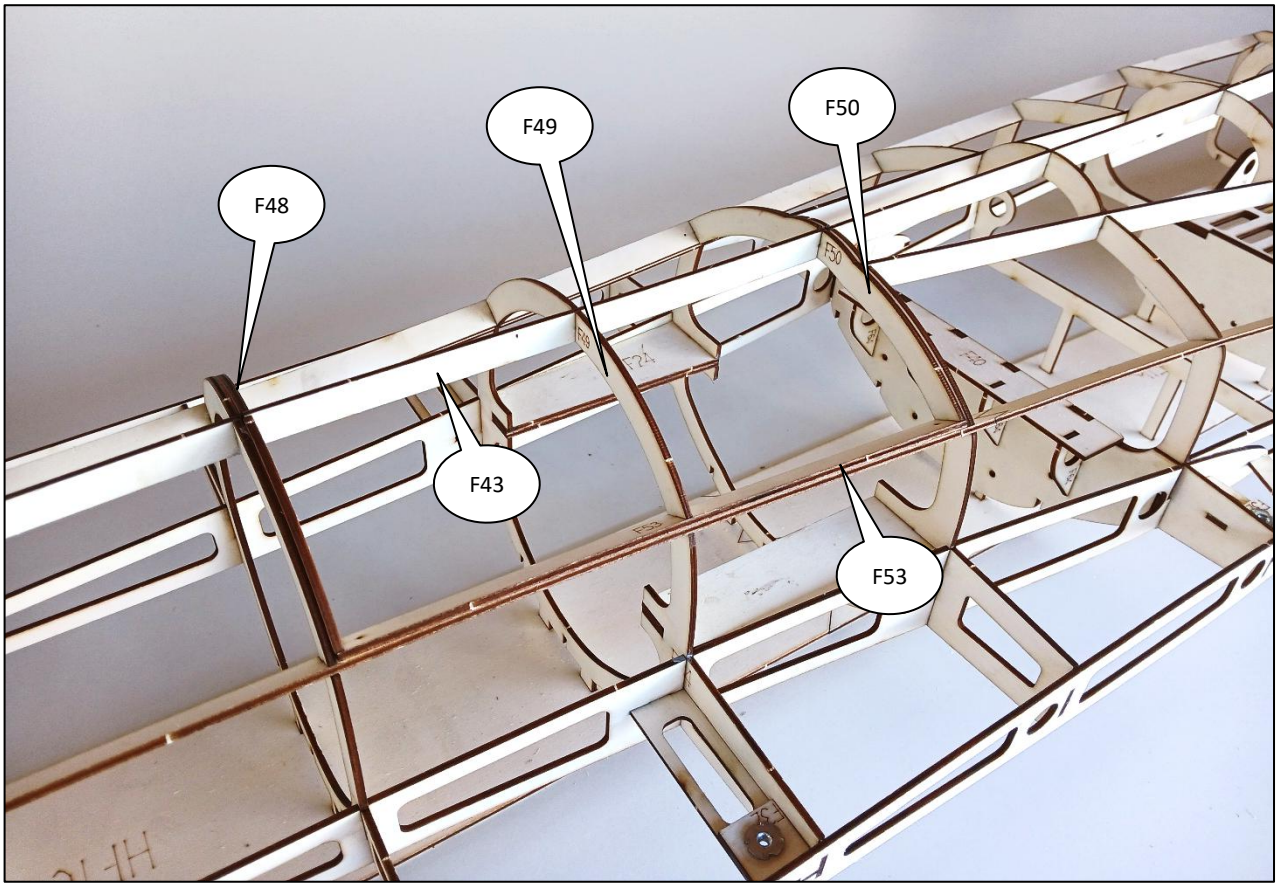


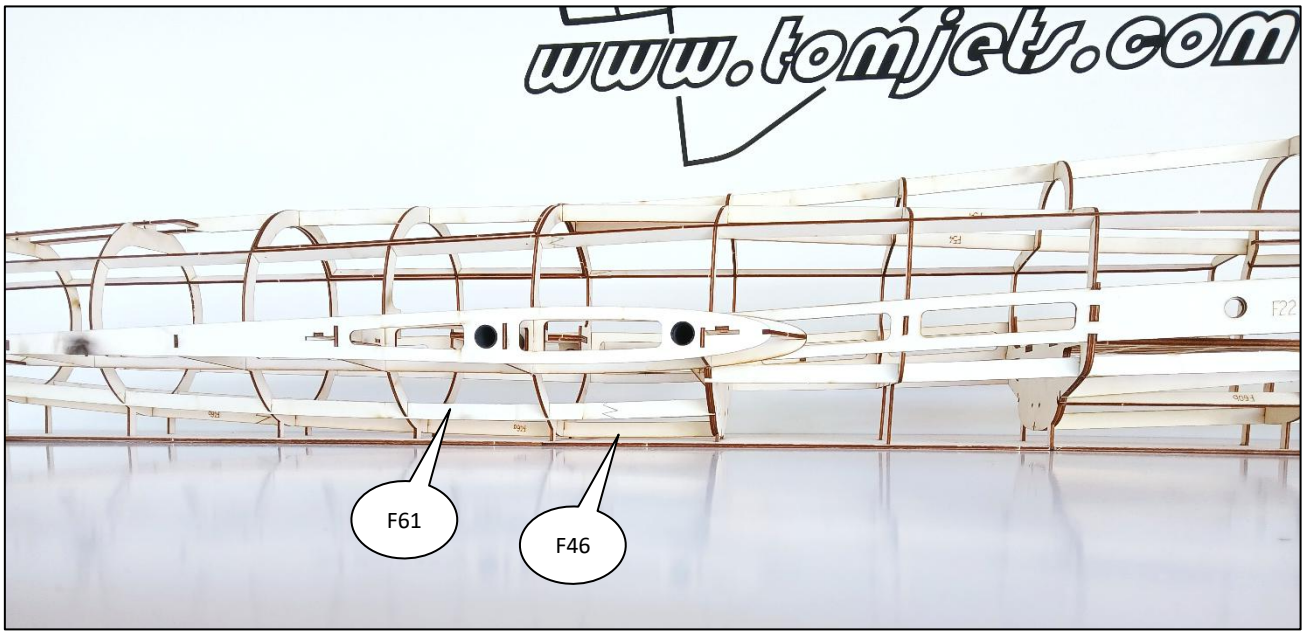




press in drive-in nut M4x6


F37
F36
F35
F34
F39
F38
F39
F38
F27b
F34

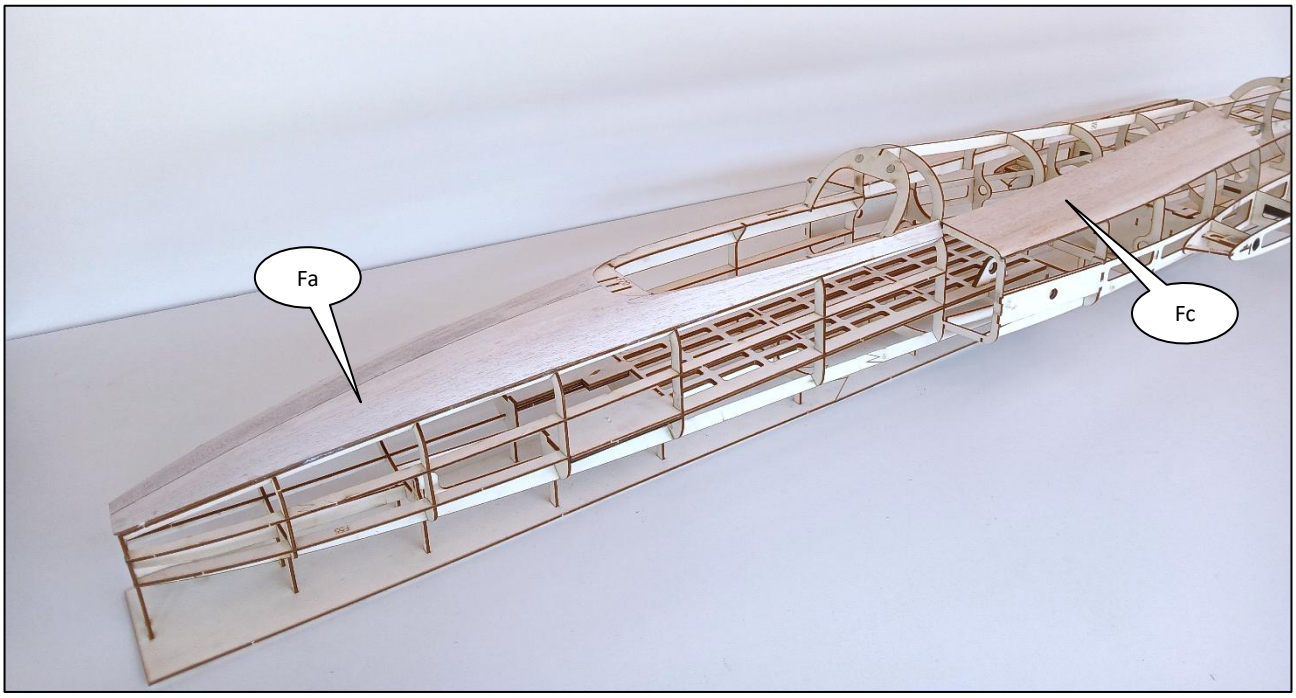

F49
F50
F48
F43
F53



remove guiding jig temporarily

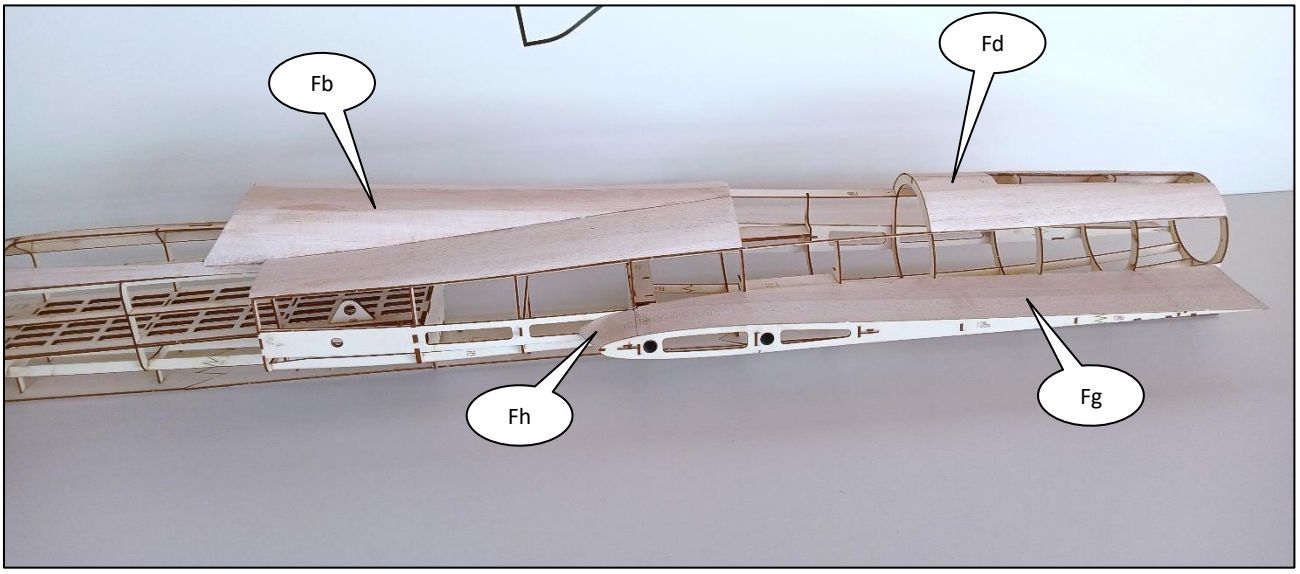
fit in and glue the carbon spars

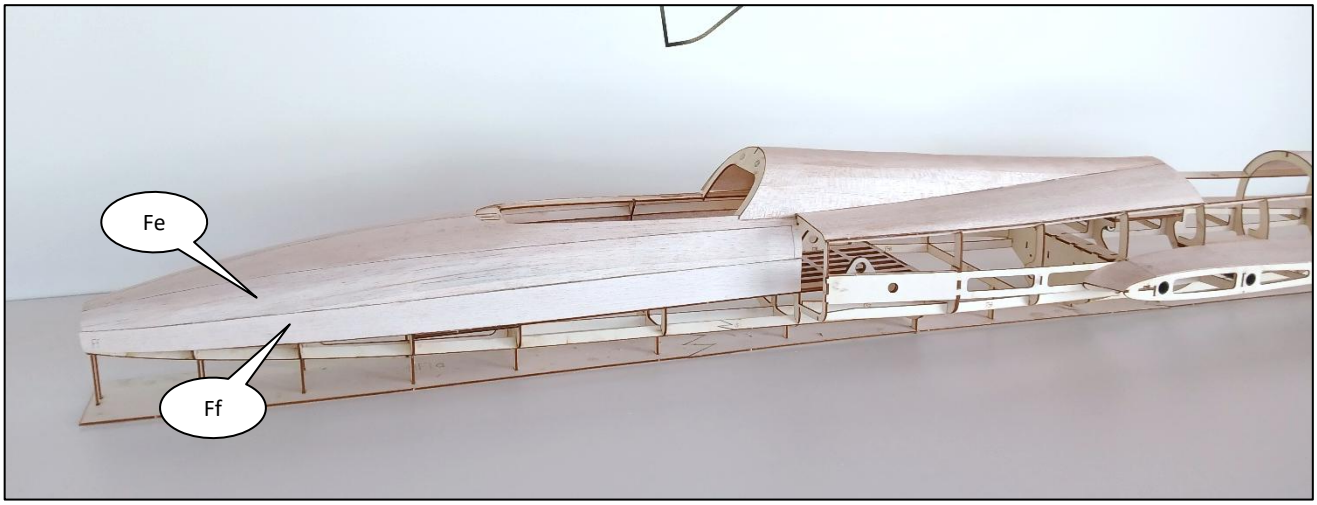
note mounting direction of the canopy locking hooks

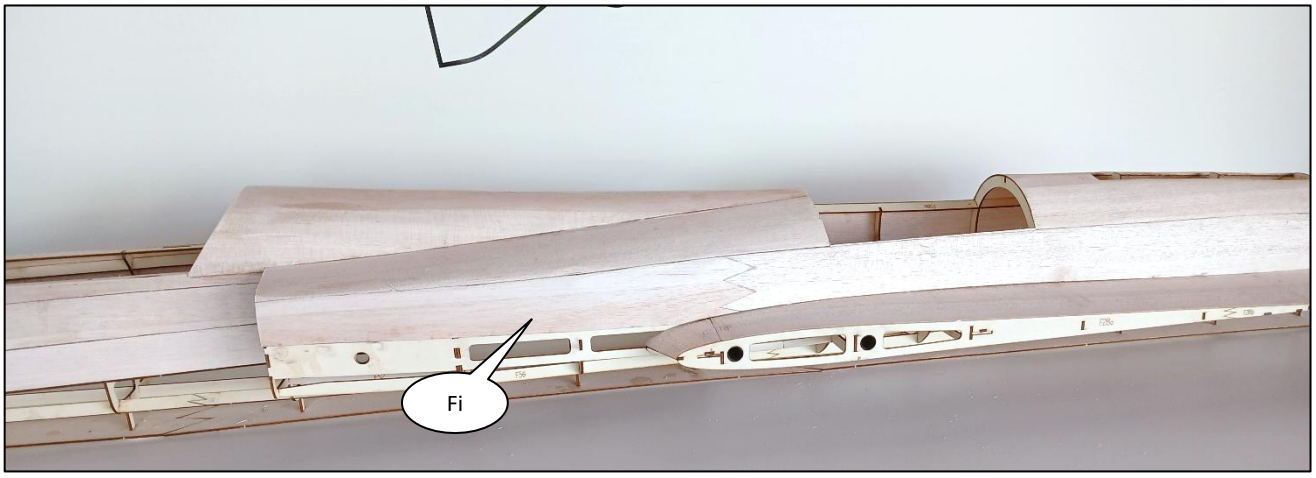


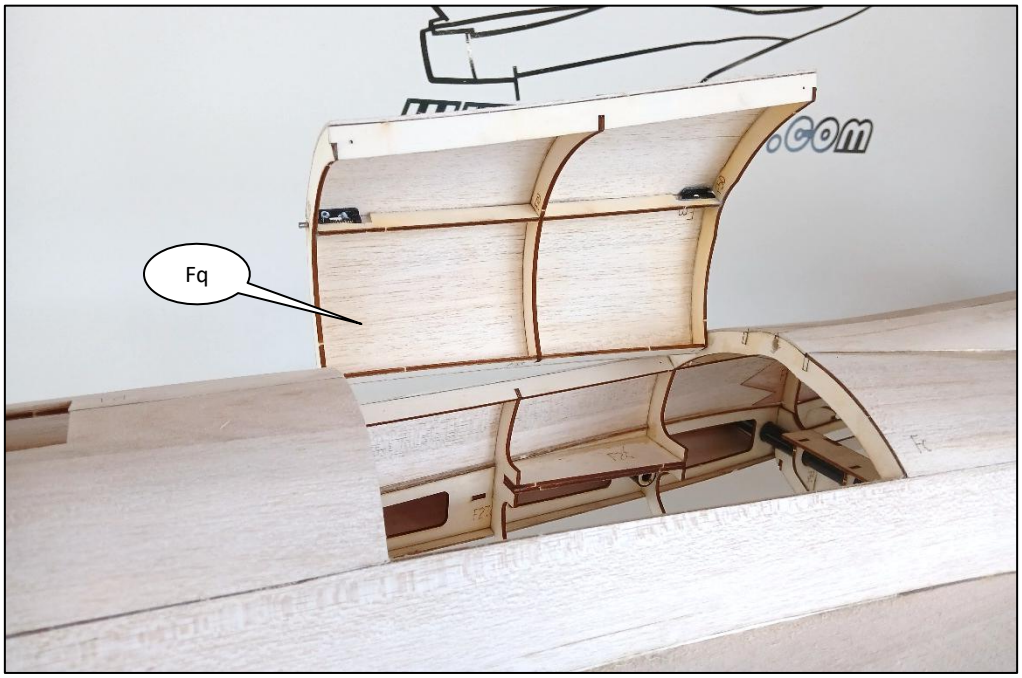
use the tomjets balsaroller together with tape on the outer side to prebend the balsa sheets

use weights to level the fuselage

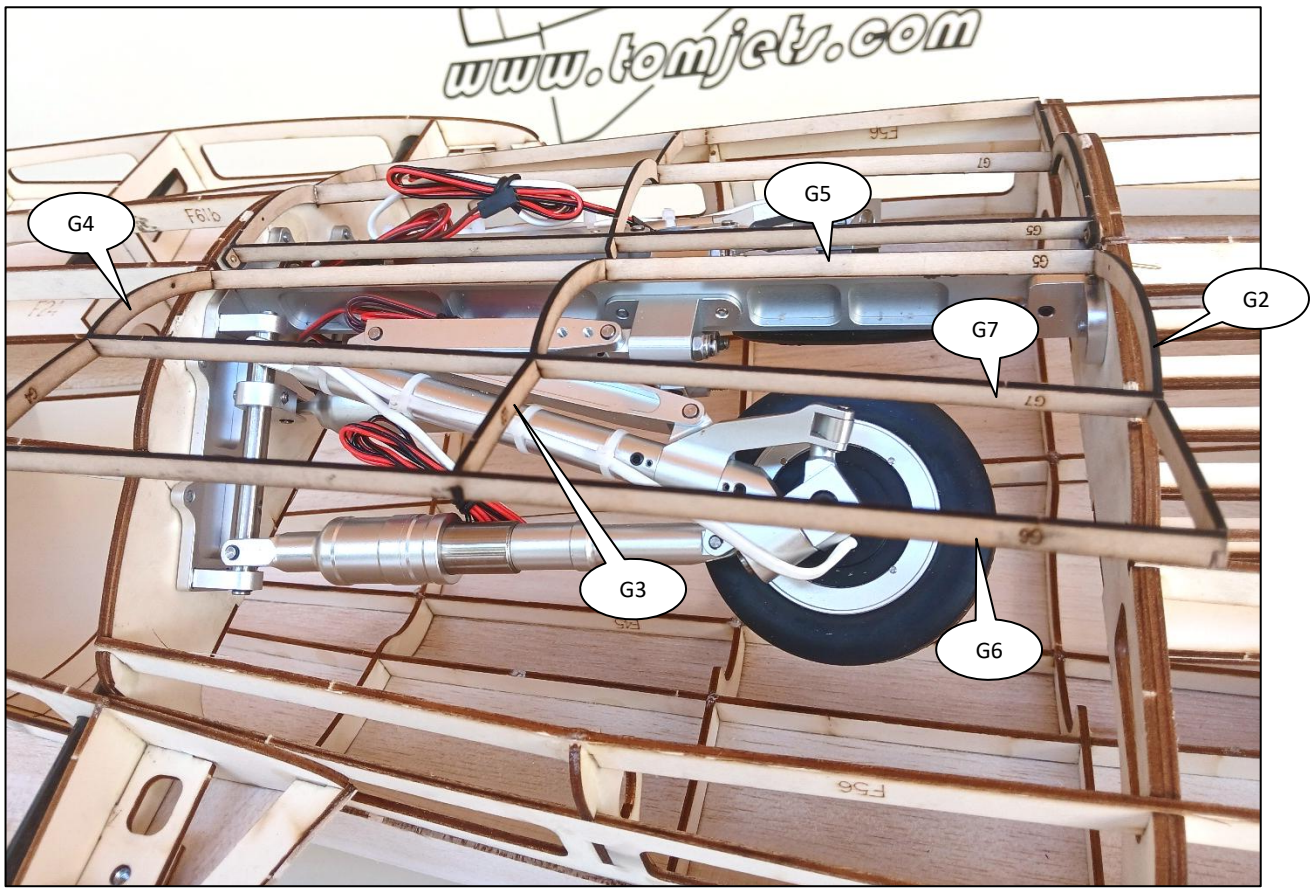


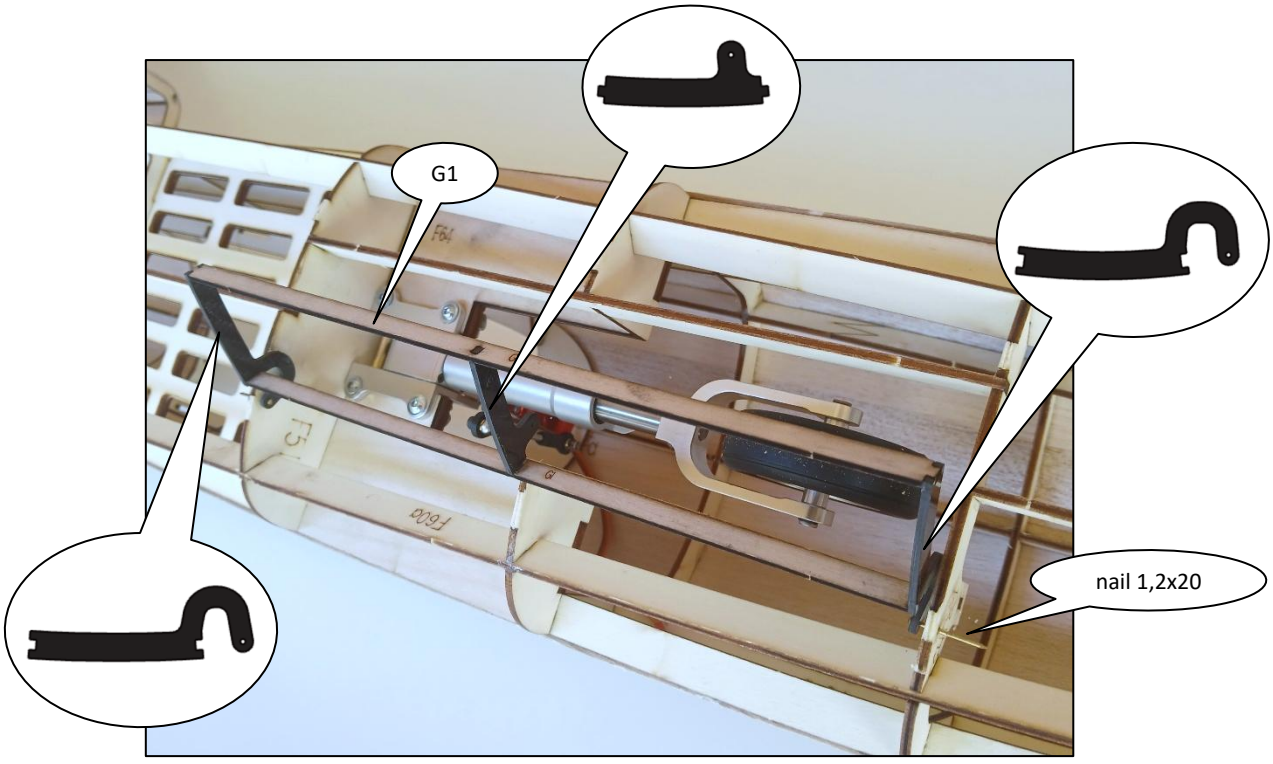


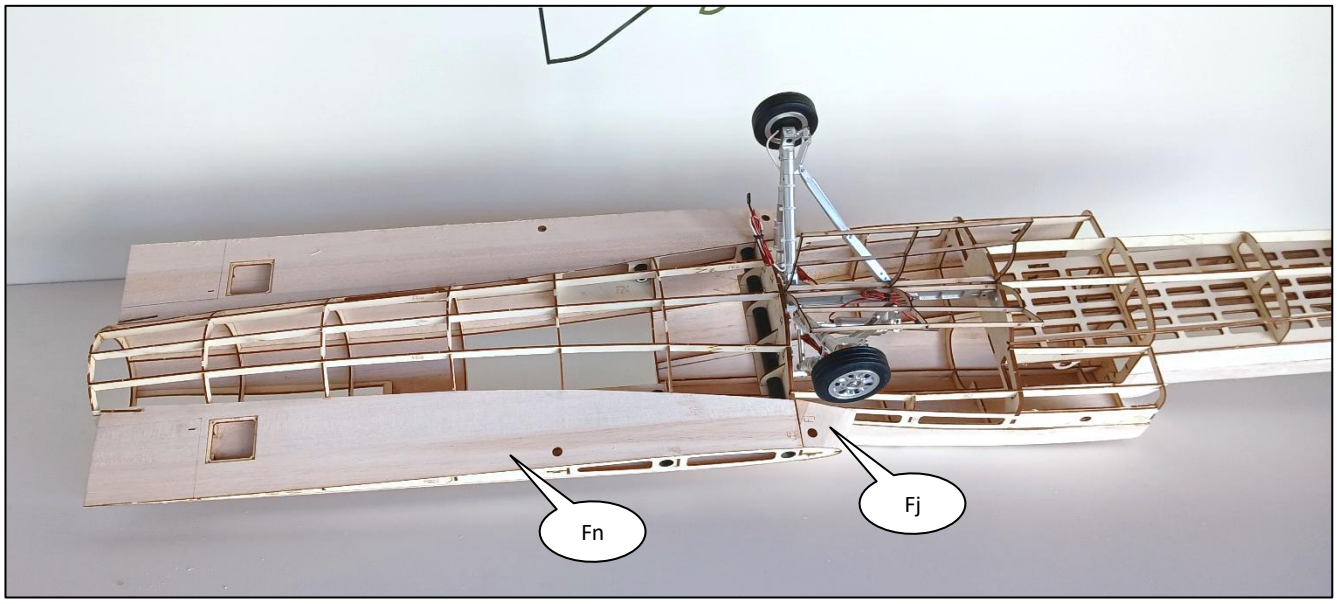




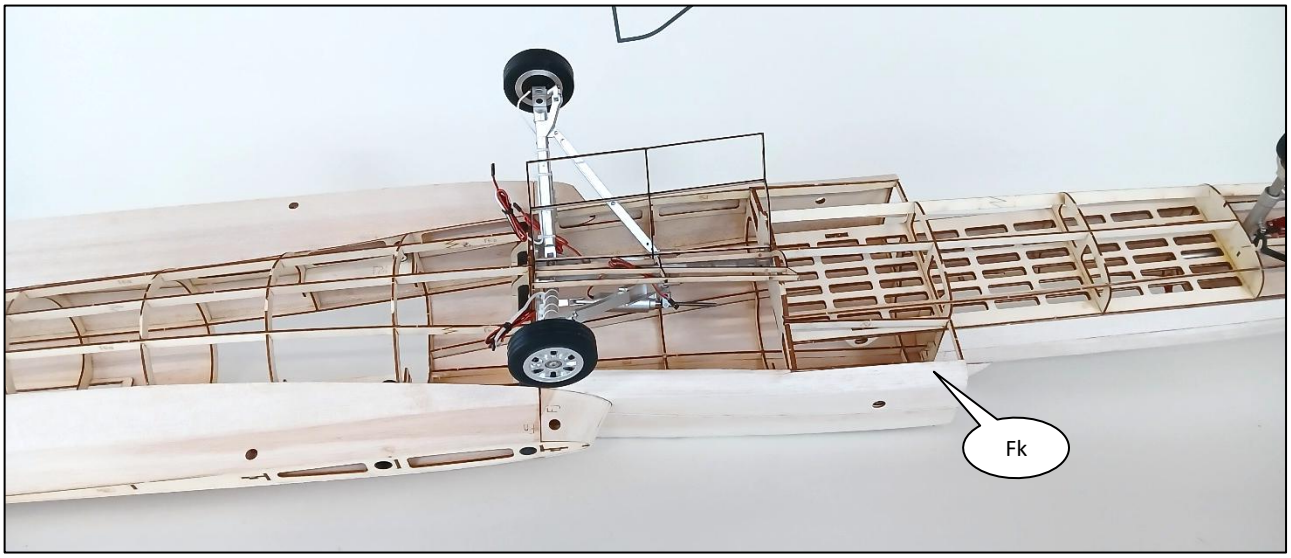
flip the fuselage and remove the support legs

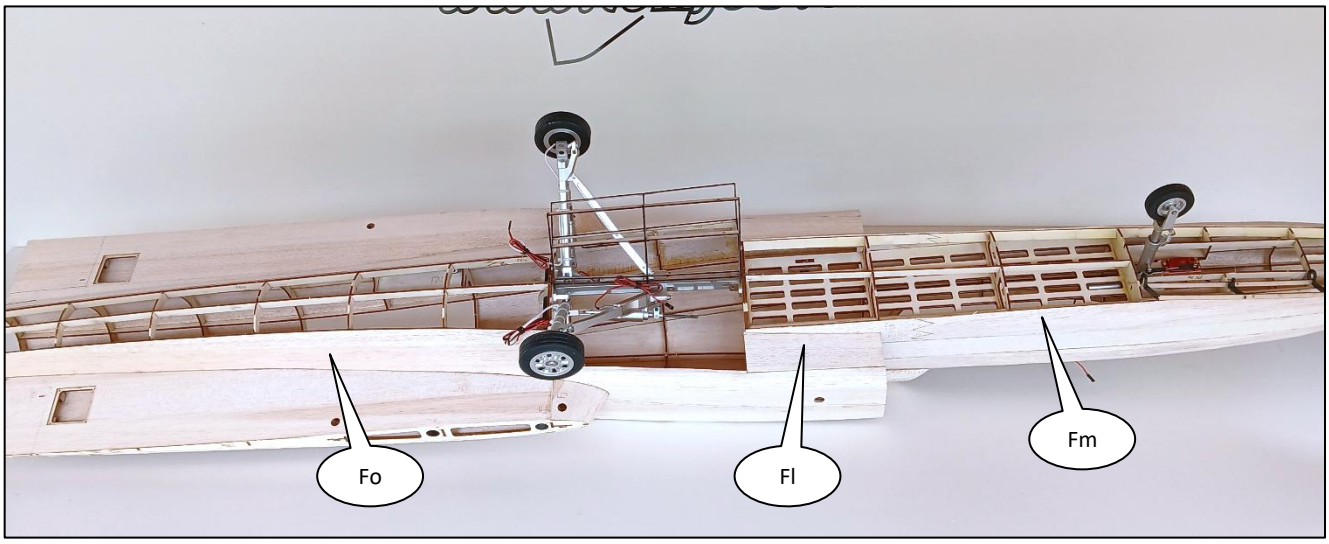

G4
G5
G2
G7
G3
G6

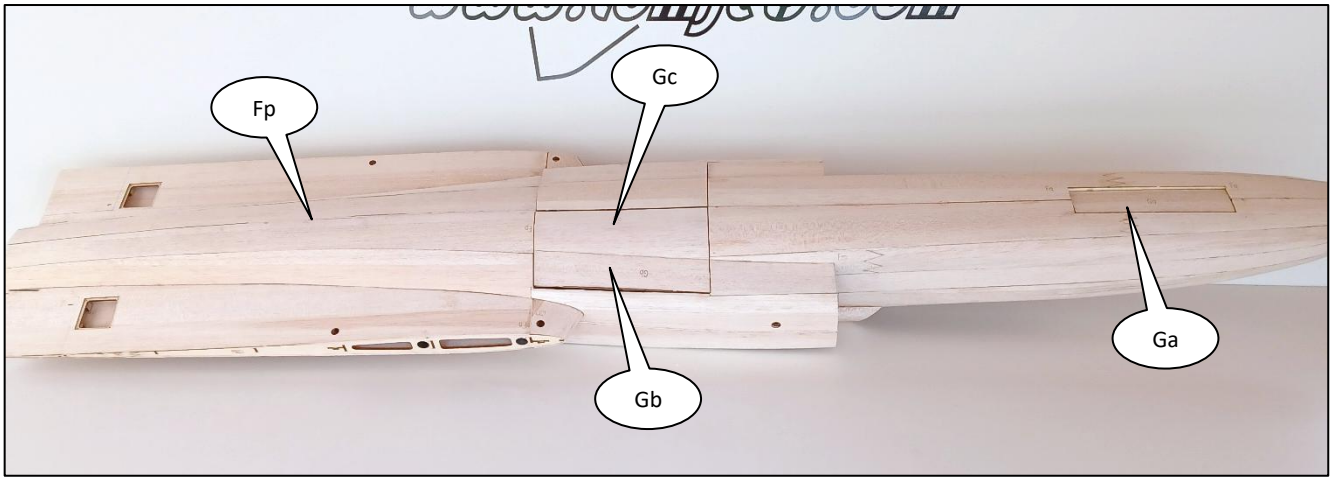

G1
nail 1,2x20



use balsa leftovers for closing the leading edge



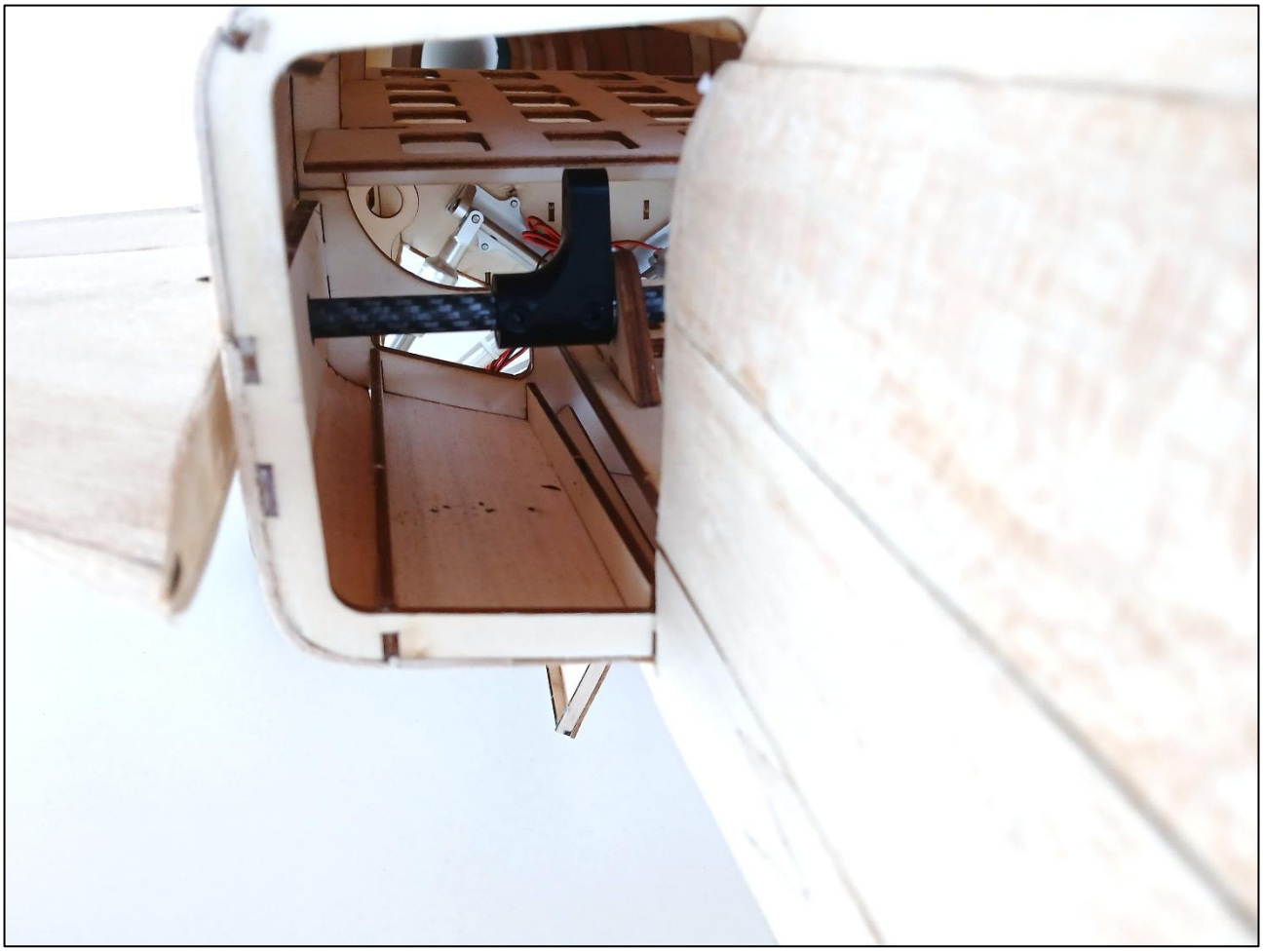




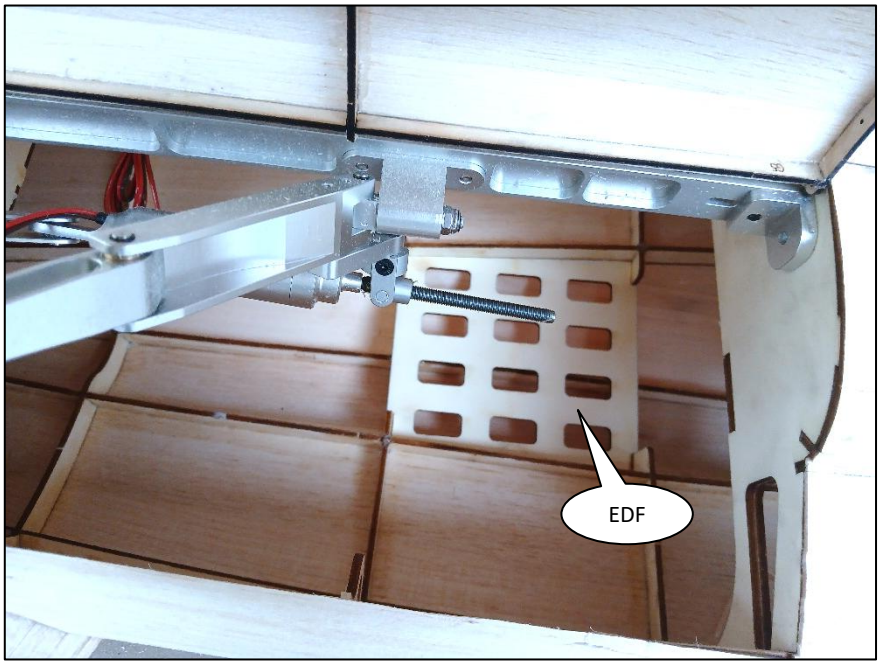
cut out the control surface and sand the edges

glue the triangular balsa strip

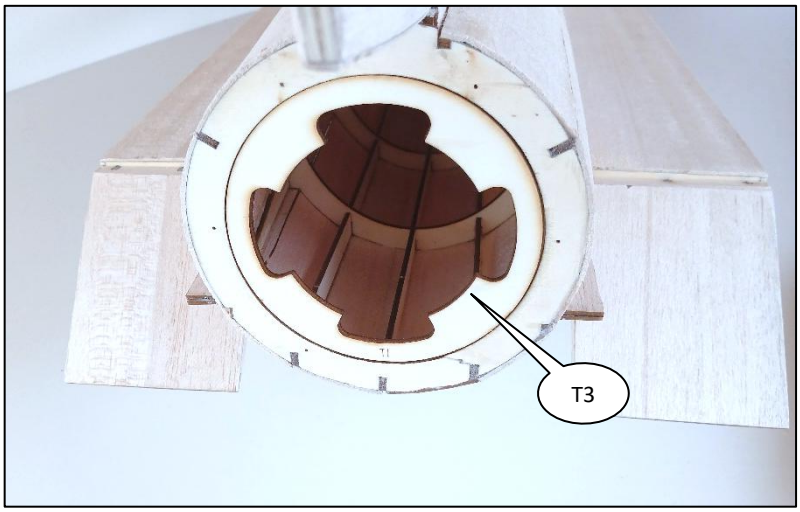
use a 3mm drill and fit in the hinges



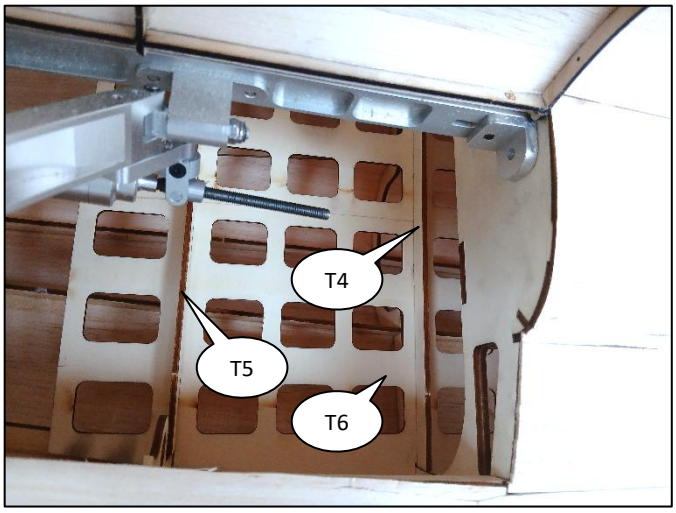
fit in the bearings, leaver and strut for the canards

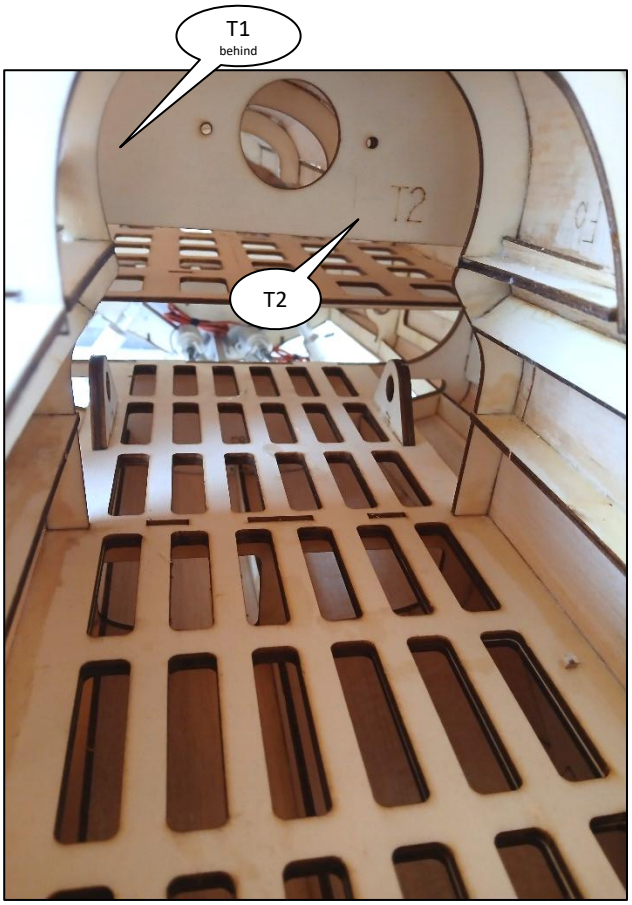


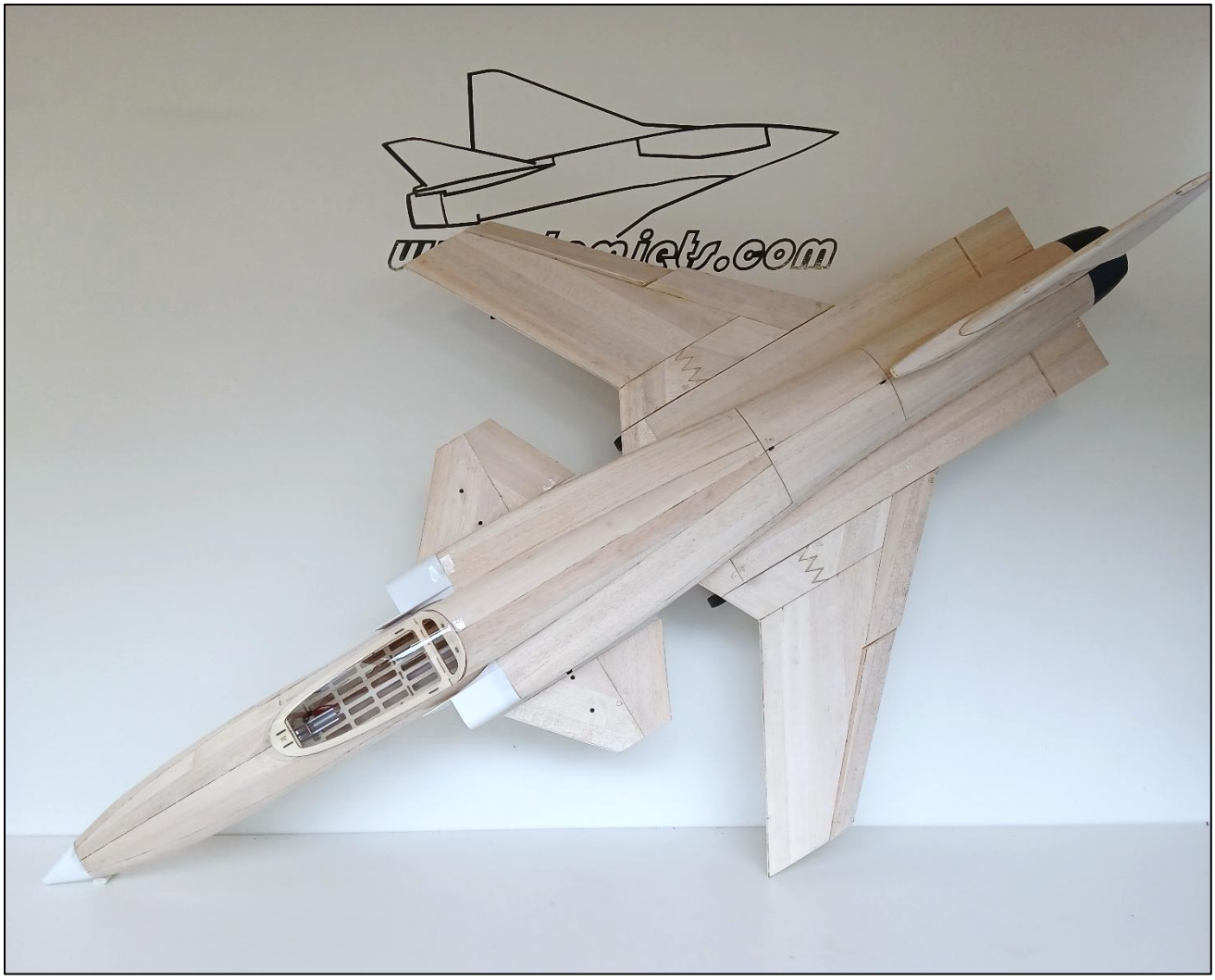
mounting board for the controller, in case of electric setup



use “T”-parts for gas turbine setup



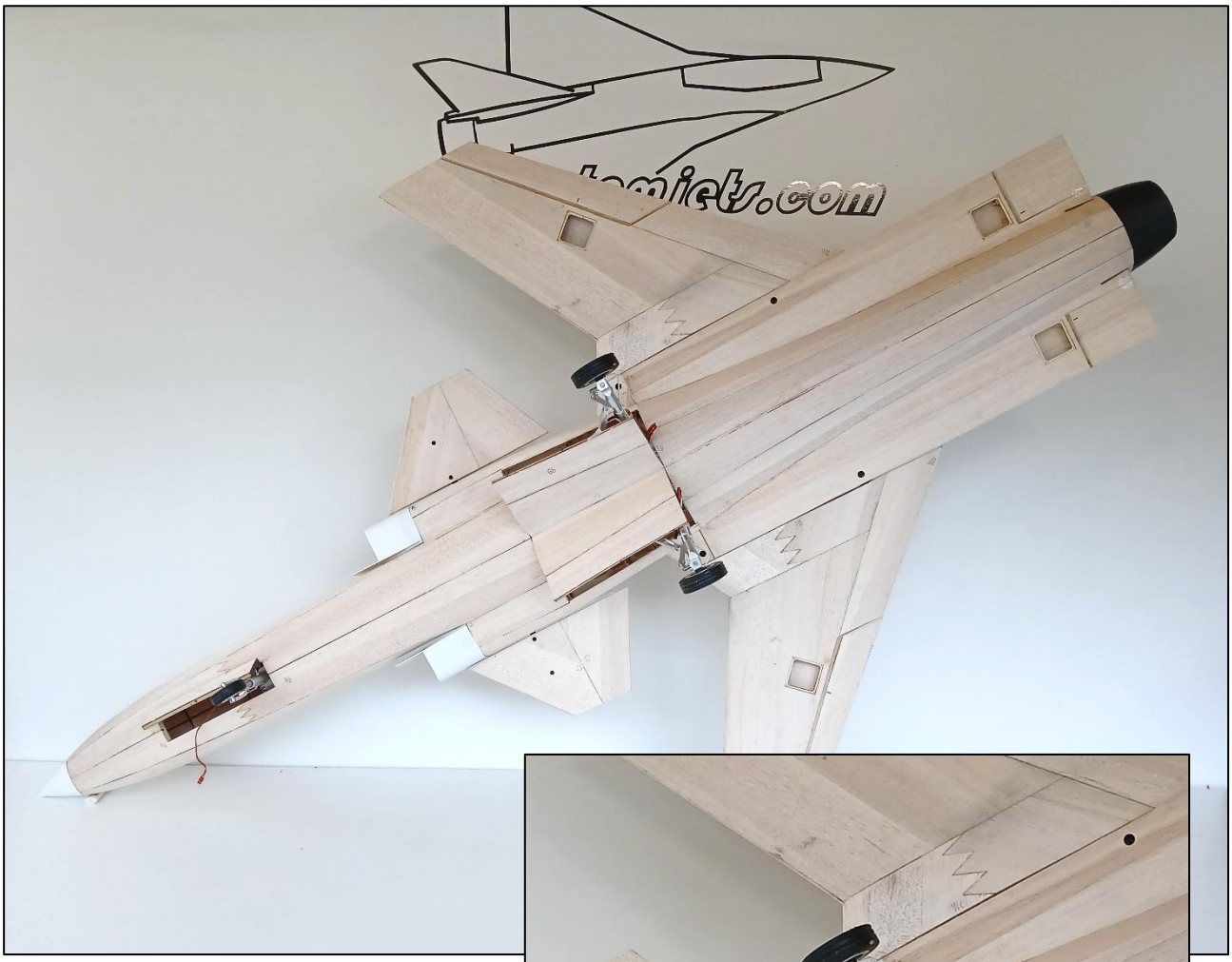




fit in main wing, elevators and rudder

glue rudder, canopy and 3D printed parts

basic settings



elevator	± 40 mm	40% expo
aileron	± 30 mm	30% expo
rudder	± 50 mm	30% expo
carnards	+6 -0mm	40% expo

use flight phase dependent trim according the gear position