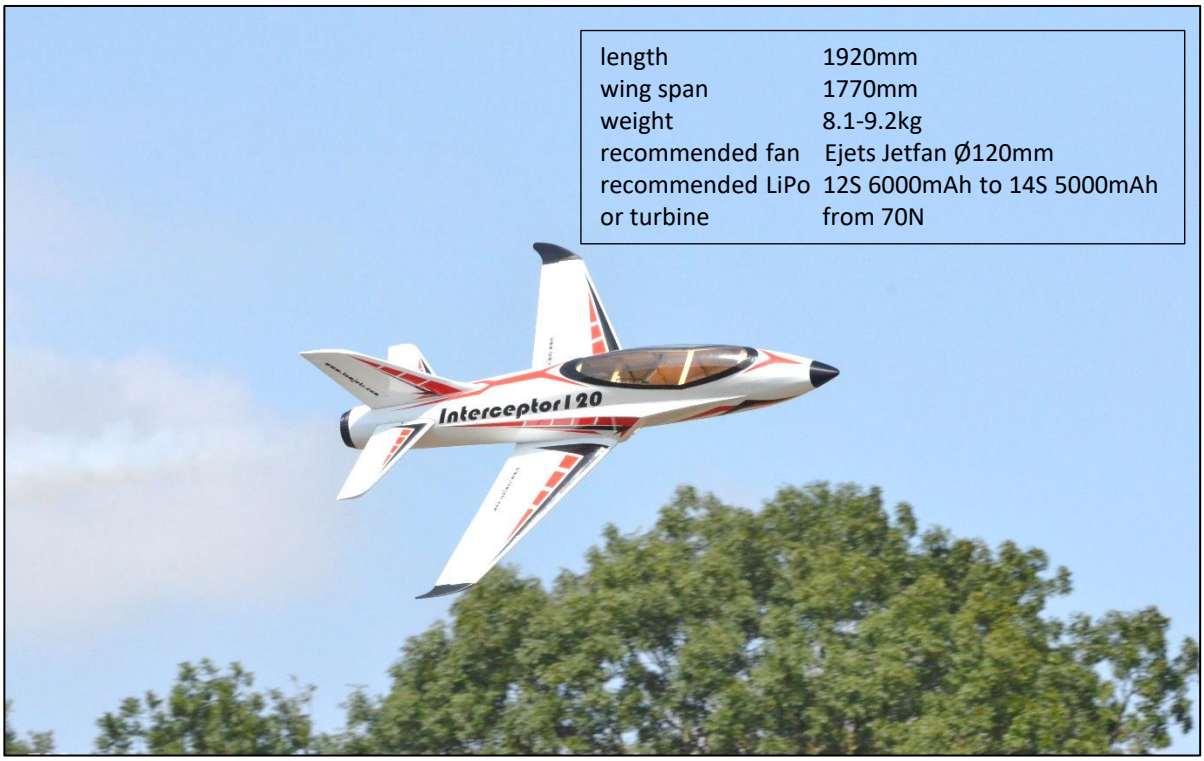


Thank you for choosing a kit from tomjets and thank you for your trust! Kits from tomjets are not only unique in their design and flight characteristics, but also focus on building as a new experience. Let yourself be surprised!

The Interceptor120 is a classic sport jet with a modern design. Using a 120mm fan or alternatively a turbine from 70N, it goes through all flight maneuvers masterfully. The Interceptor120 offers endless fun for an affordable budget. With its size it can already be considered as a grown-up sports jet. The main wing is divisible and the elevators as well the rudder can be removed.

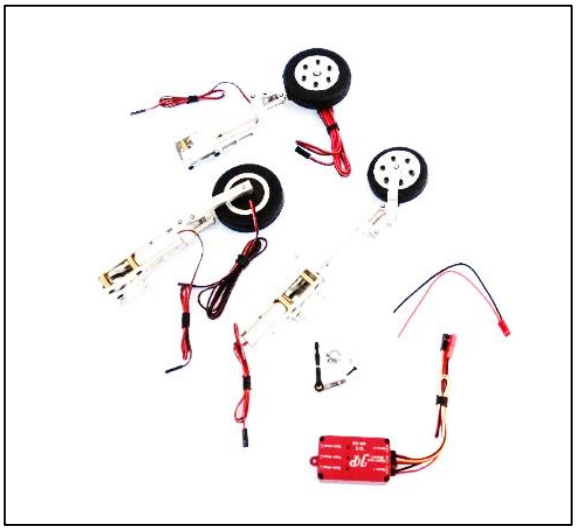
For the sake of order, it should be mentioned that it is by no means a toy and that careful construction and flight are required. The responsibility for ensuring safety is entirely with the builder or pilot.

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.

Interceptor120 jet kit

description	comment	pcs.
poplar plywood 3mm	plate 1-13	1
balsa sheets 2mm	plate 1-14	1
CFK parts 2mm	control horns, canopy latch,…	1
aircraft plywood 0,4mm	for trailing edges	1
birch plywood 2mm	servo covers and reinforcements	1
canopy	0,75mm PET-A	1
main wing spar	CFRP Ø 18 mm	1
rudder and elevators spar	CFRP 10x8	1
nozzle	3D print ABS	1
nose cone	3D print ABS	1
wingtip lhs.	3D print ABS	1
wingtip rhs.	3D print ABS	1
tail support	3D print ABS	1
neodymium magnet D10x3	canopy lock	8
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 strips 8mm	for controll surface chamfers	1
nail 1,2 x20mm	for gear door hinge	2
drive-in nut M3x5	elevators and rudder locking	3
screw M3x10	elevators and rudder locking	3



Interceptor120 gear kit

description	comment	pcs.
Metal Struts Set + Brakes + Controller	JP Hobby ER-120 Tomjets Interceptor120 1.76m	1

Interceptor120 decals kit

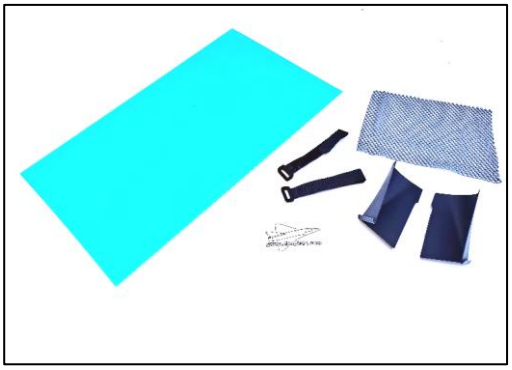
description	comment	pcs.
high-quality fuel-resistant adhesive film	tomjets design 2025 different colour schemes possible on request	2

Interceptor120 turbine kit

description	comment	pcs.
2l bagtank	fully assembled	1
thrust pipe	620mm D70	1
sheetmetal tabs	for thrust pipe mount	2
drive-in nut M3x5	for tank mount	2
flat headed screw M3x10	for tank mount	2

Interceptor120 EDF kit

description	comment	pcs.
unwrapped thrust pipe	0,5mm PET lasercut and engraved	1
lairintake duct lhs + rhs	3D print ABS	2
velcro 20x400 mm	for battery mount	2
anti-slip pad ca. 20x20cm	for battery mount	1



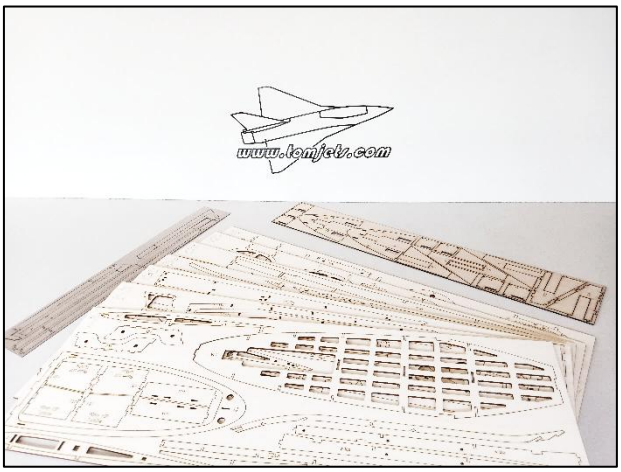
Interceptor120 Servo kit

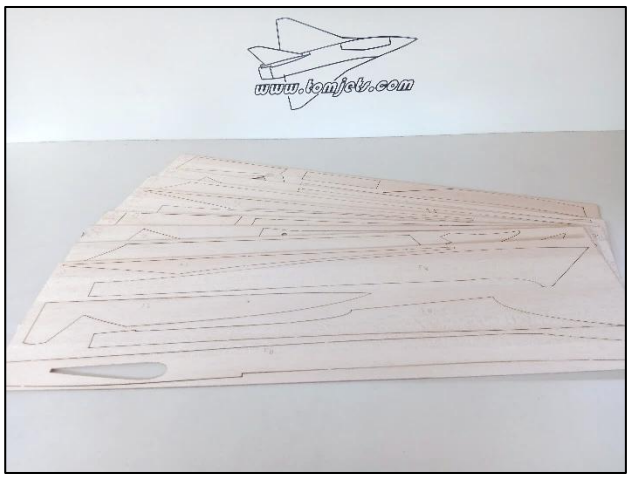
description	comment	pcs.
Chaservo HV95H	for control surfaces	7
Chaservo HV85H	for gear door	1
Chaservo HV150S	for steering	1
ball head M3 + monting screws	for control linkage	14
threaded rod M3 50cm	for control linkage	1
mounting frames	4mm ply wood	16

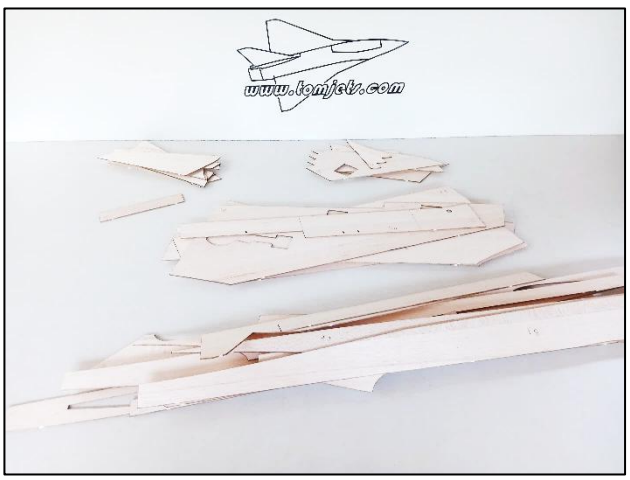
Interceptor120 Lightning kit

description	comment	pcs.
MODUL-B4	CONTROL	1
2x BAR5-030x2-WE	SPOT WING	1
DUAL5-100x2-GNWE	NAV WING R	1
DUAL5-100x2-RTWE	NAV WING L	
PRO12x-150x2-R	BEACON FL-BOT	

separat the wood parts



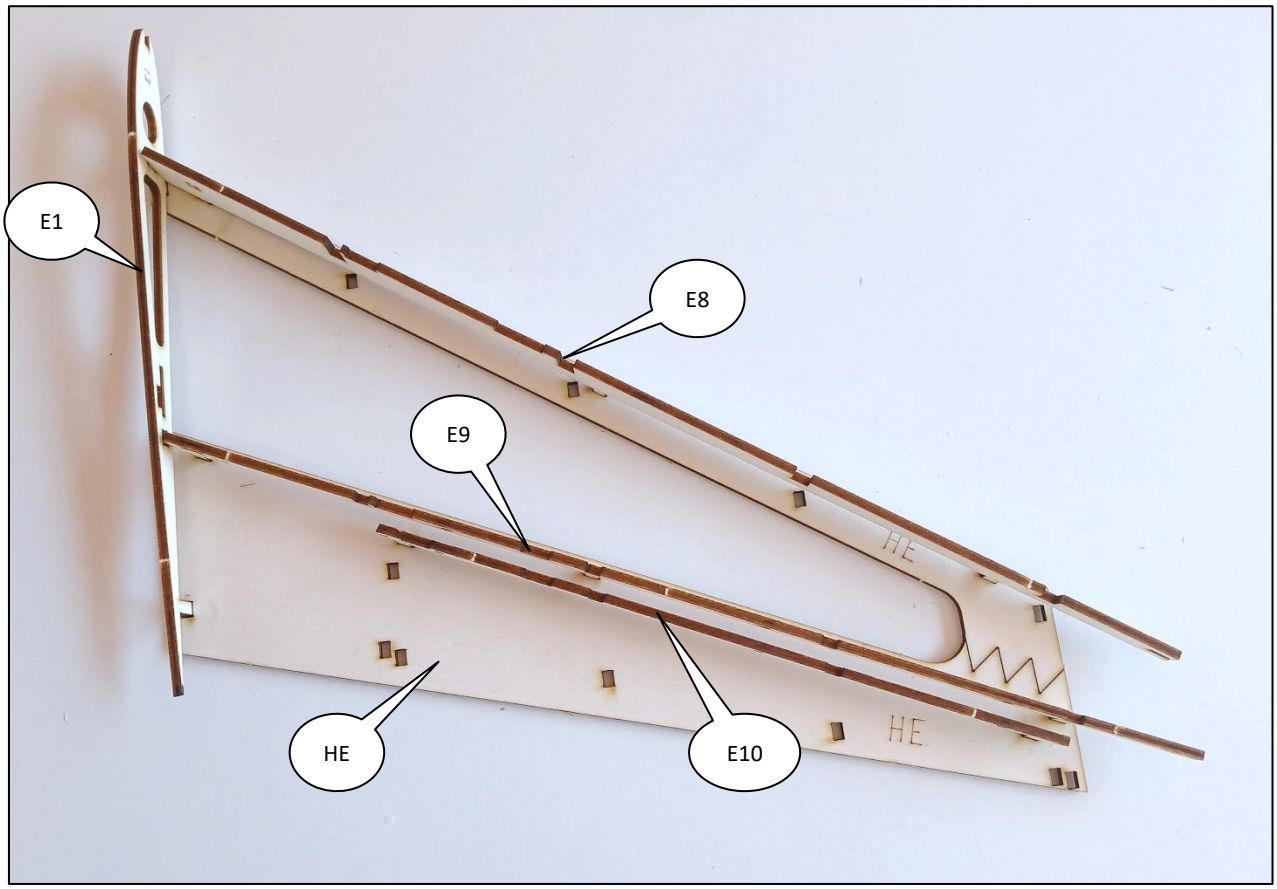


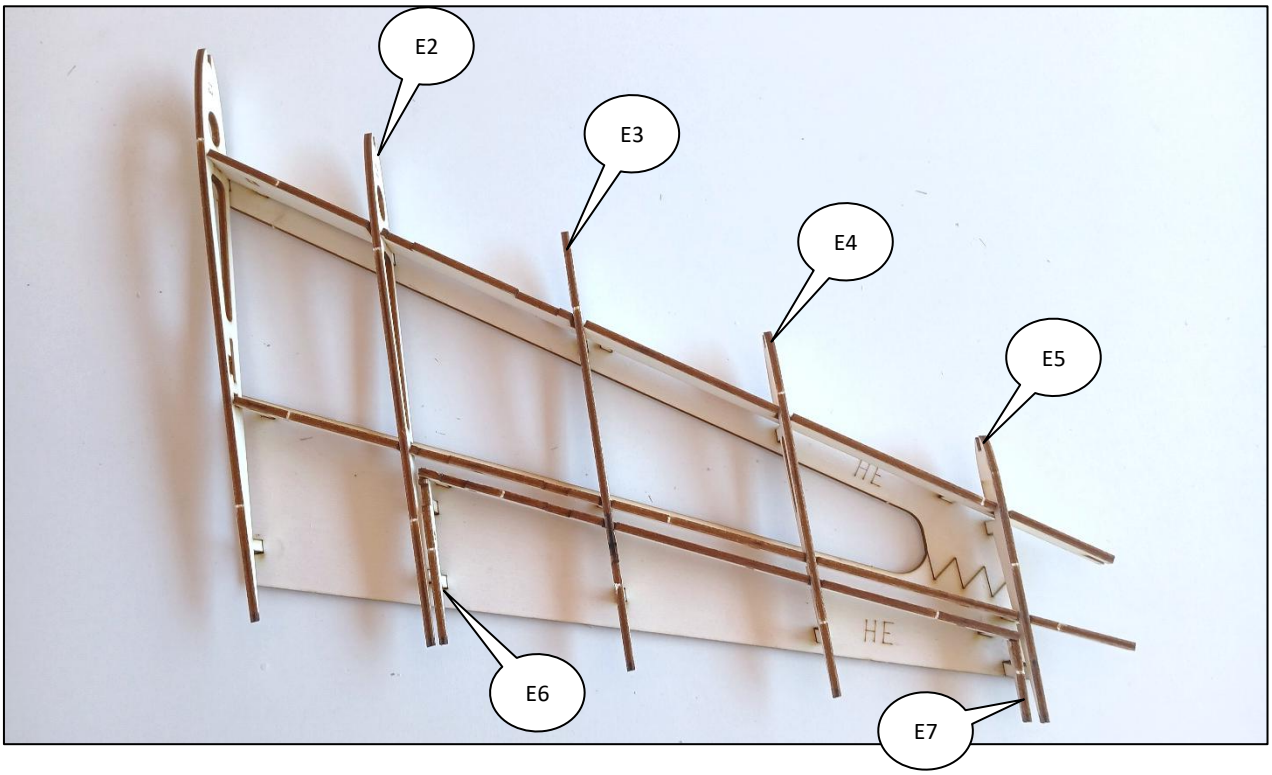


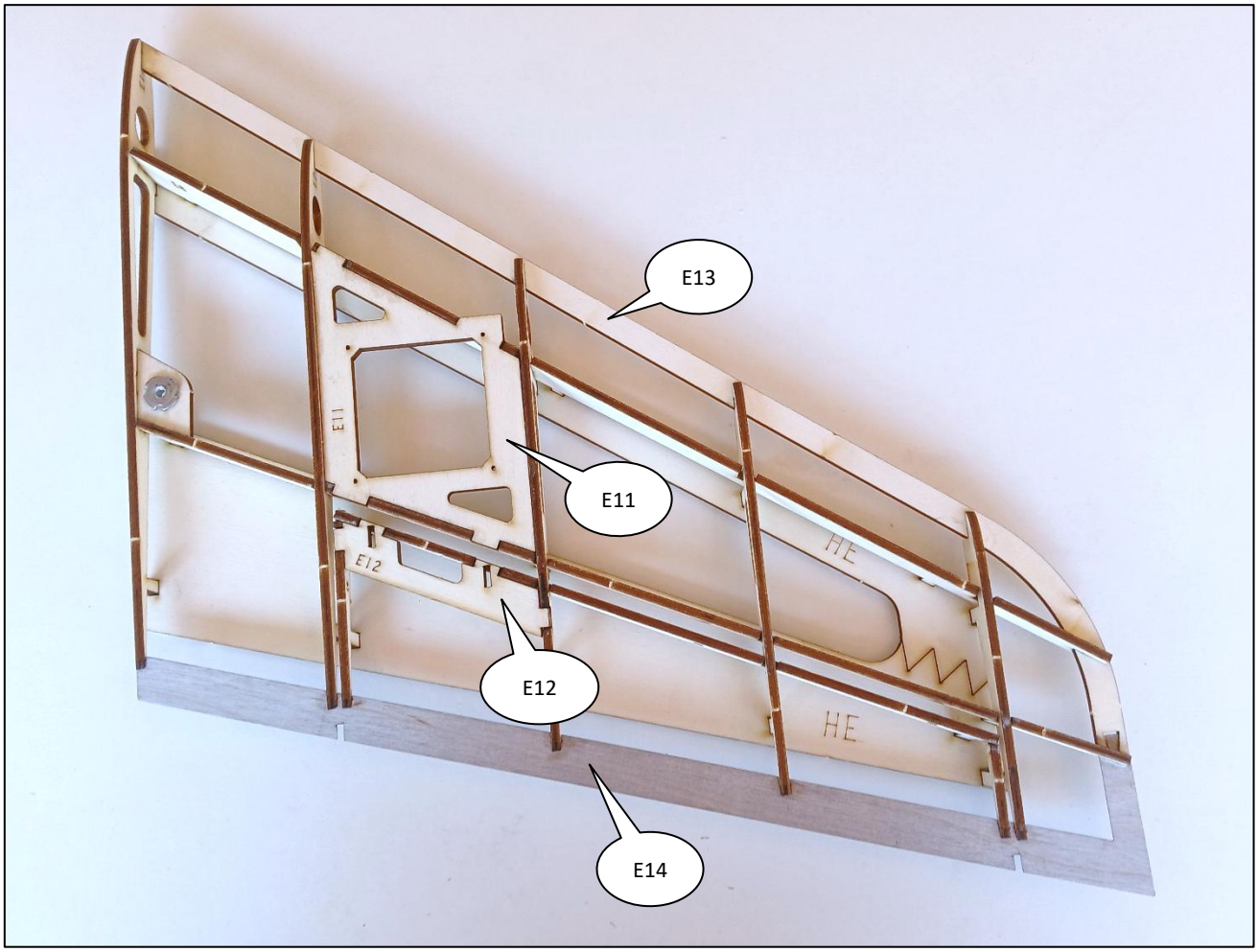
sort the parts according to the assemblies:
H=helling F=fuselage W=wing E=elevator R=rudder C=canopoy S=servo G=gear door

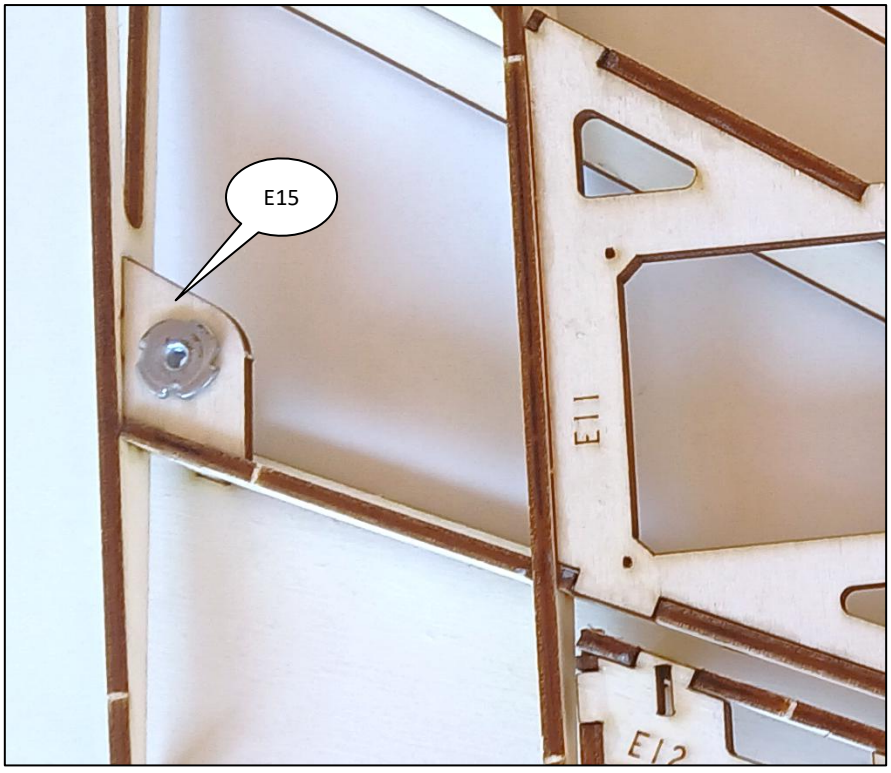
handle with care

Elevators

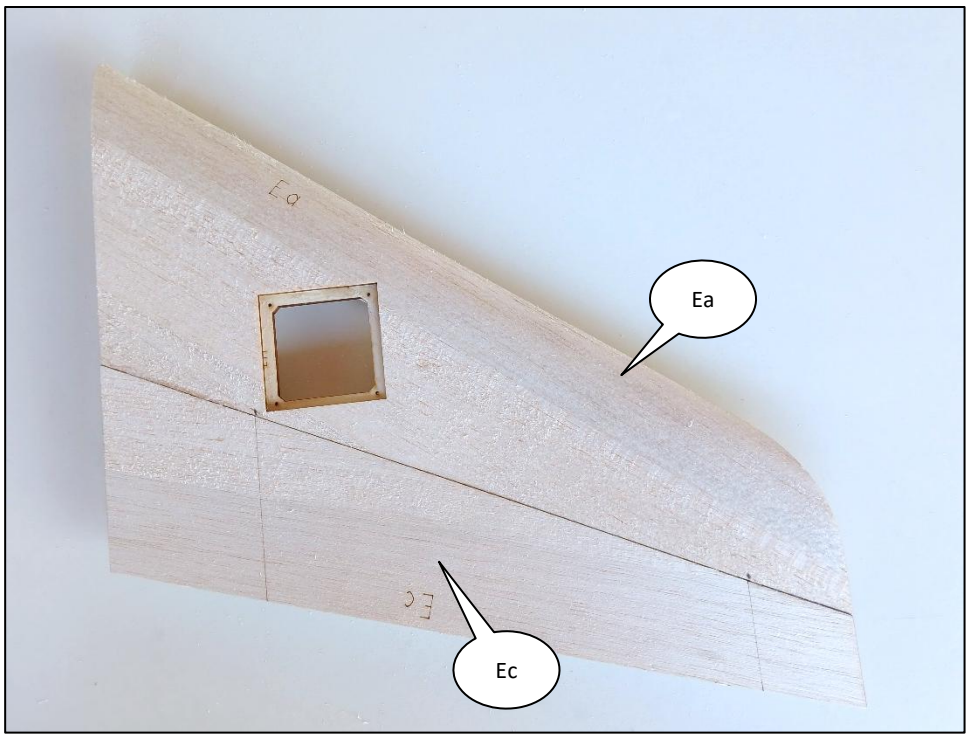








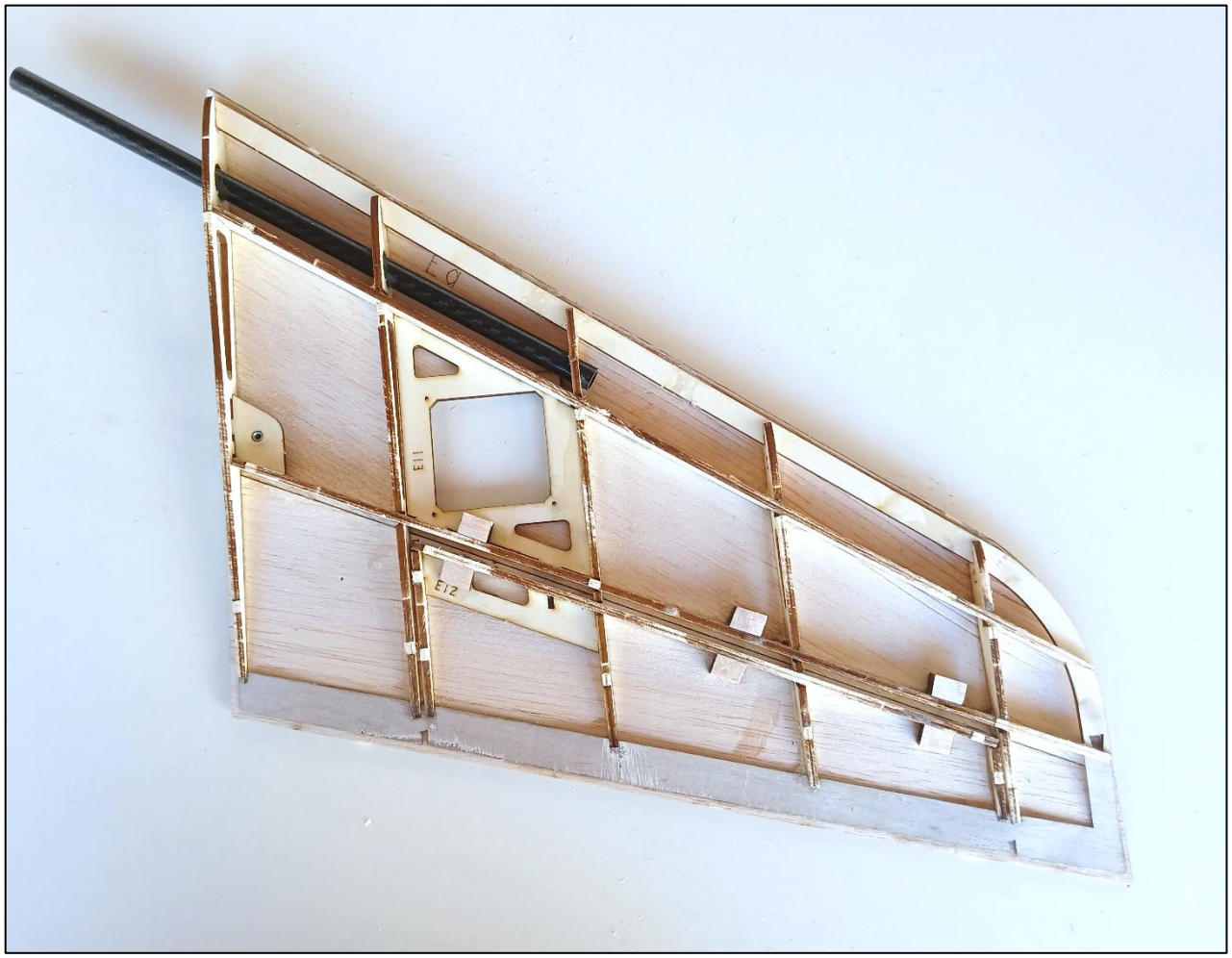
make sure to mount the M3 drive-in nut to the right direction

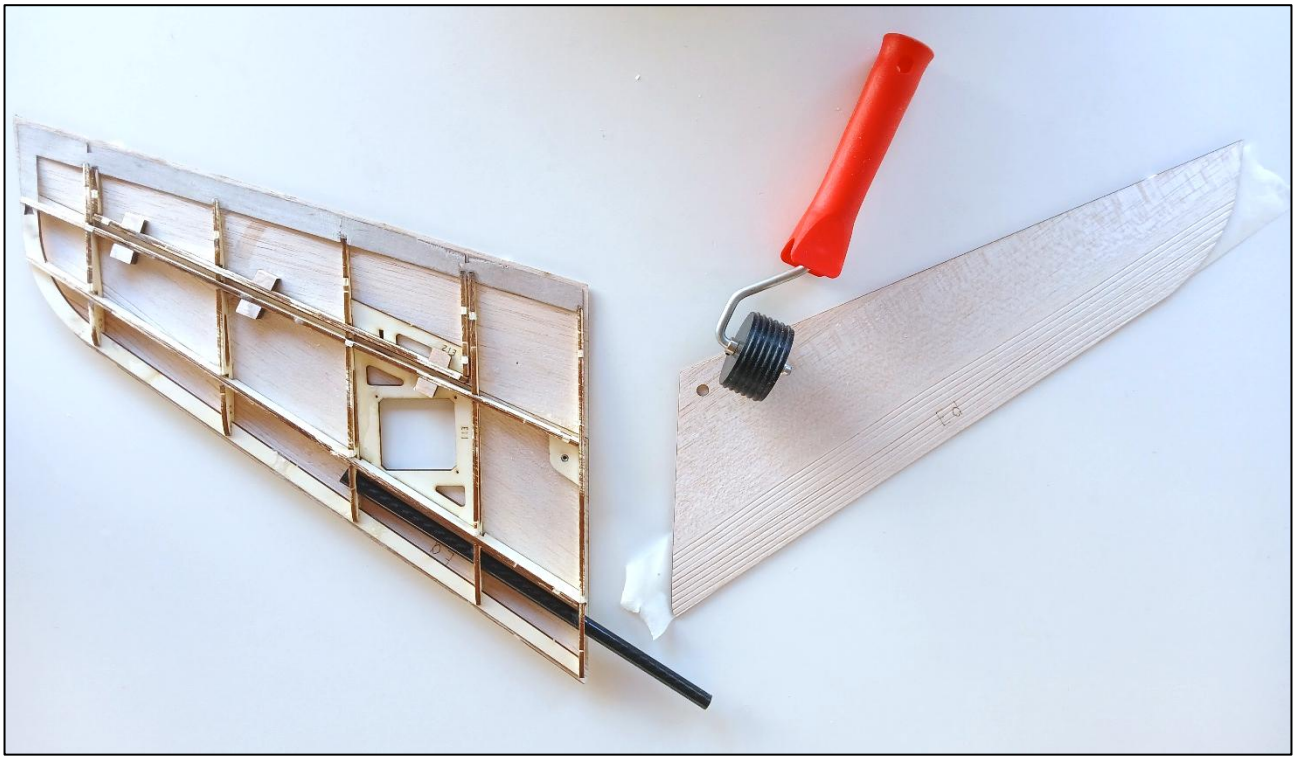


mount servo cover to guide the balsa sheets

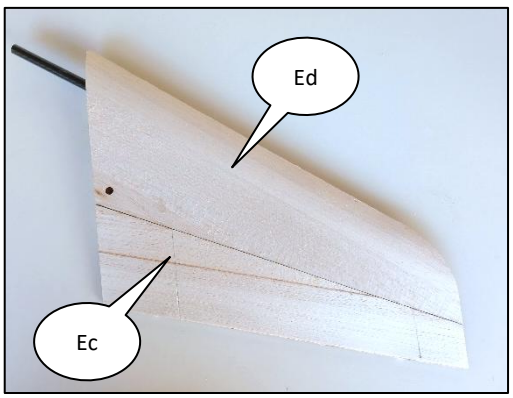
flip the wing and remove the support legs

glue the balsa blocks for hinge stabilization and the carbon spar, before closing the wing

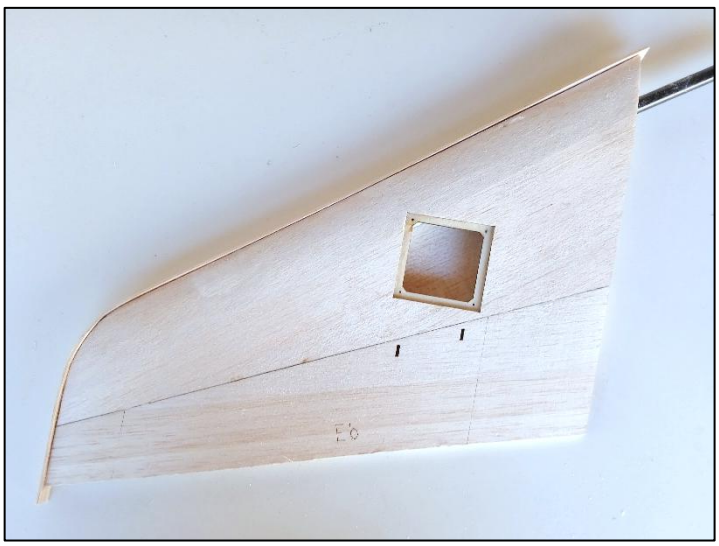


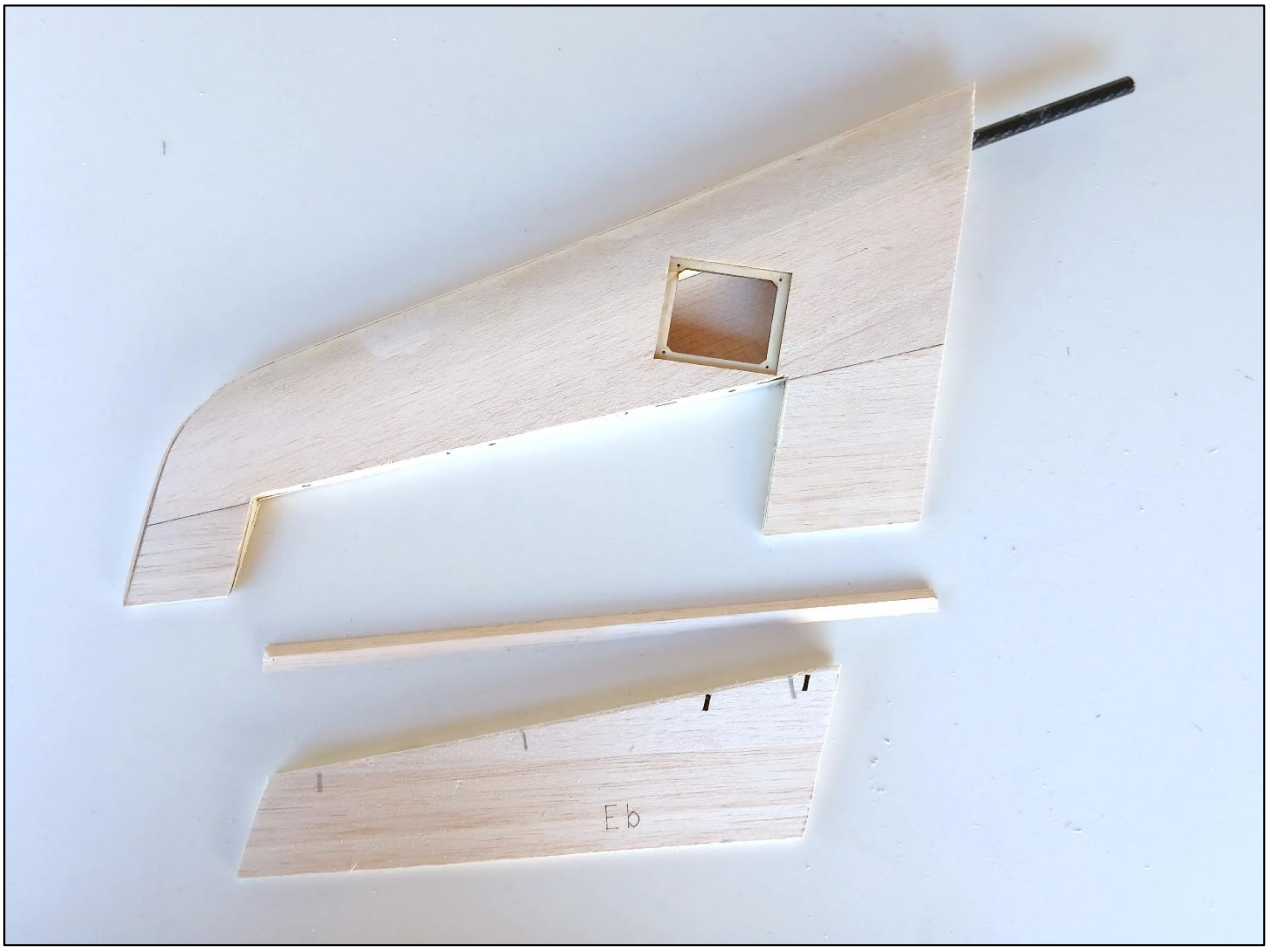


use the tomjets balsaroller together with tape on the outer side to prebend the leading edge



use balsa leftovers for closing the leading edge





cut out the control surface and sand the edges

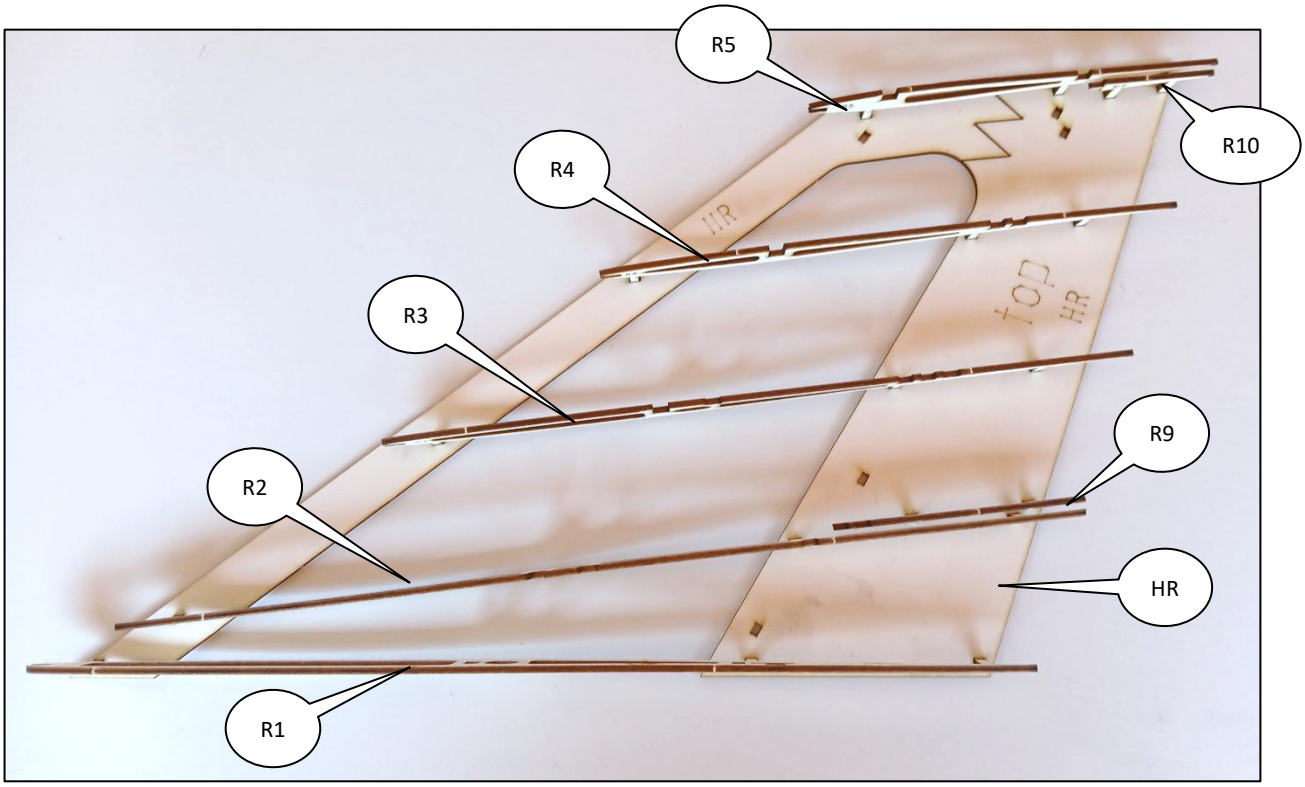
glue the triangular balsa strip

use a 3mm drill and fit in the hinges

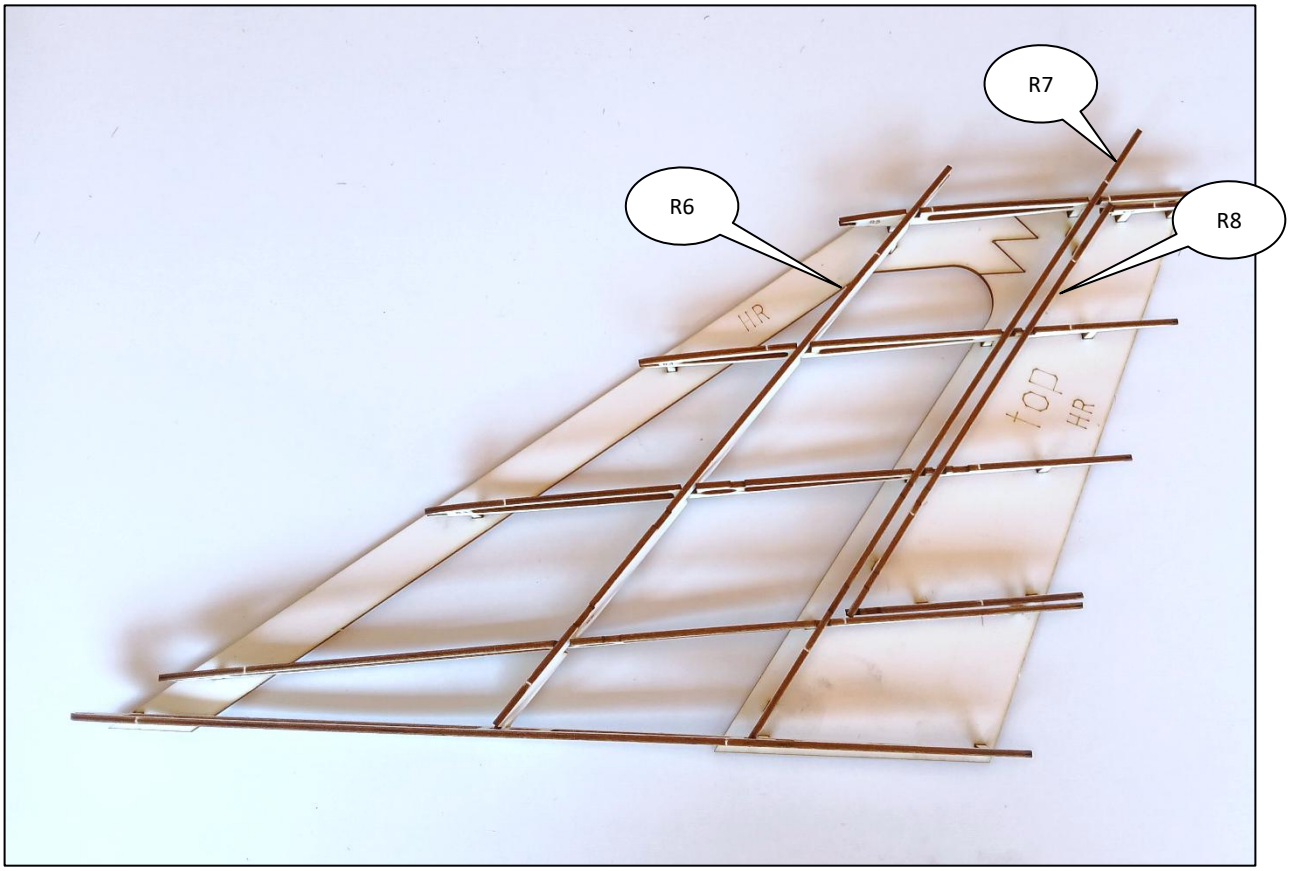
make sure to build the second elevator mirrored

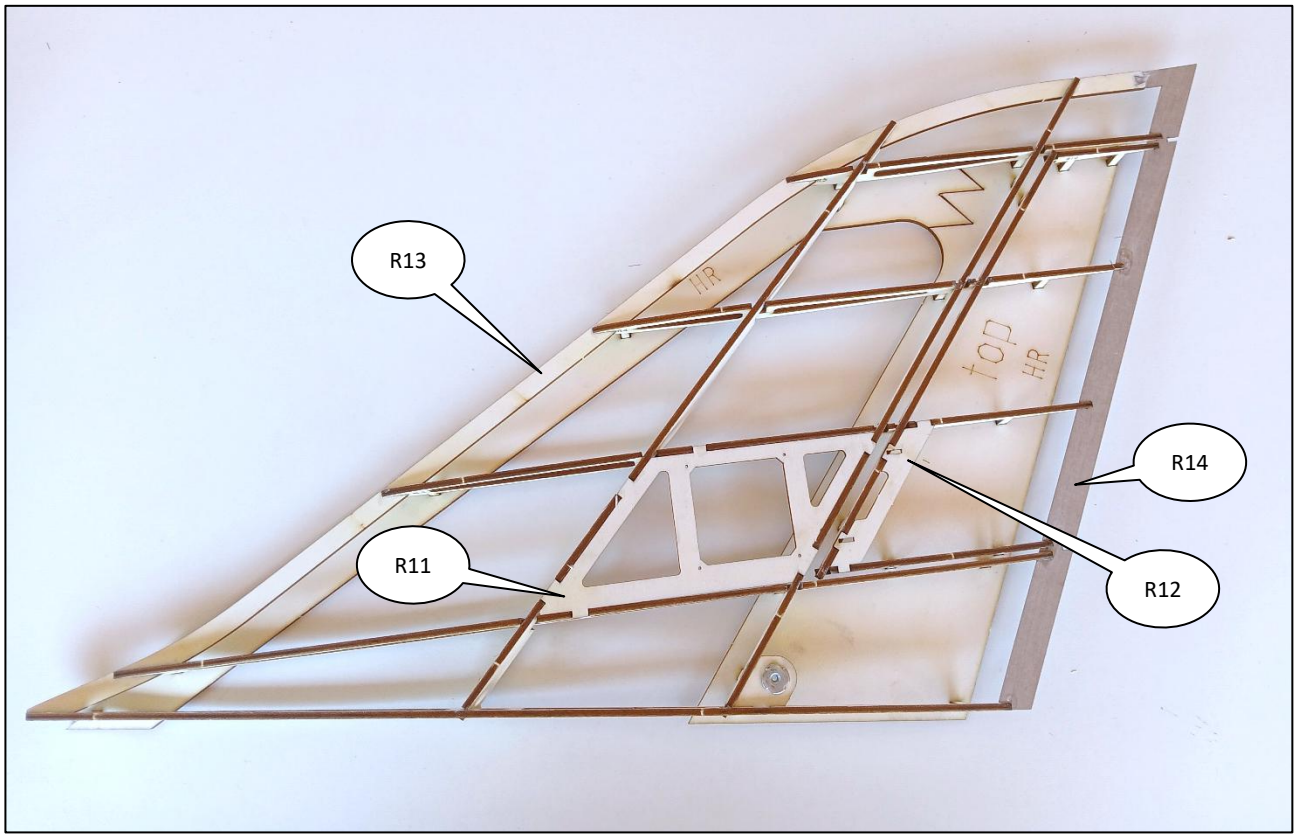
only one mounting jig supplied

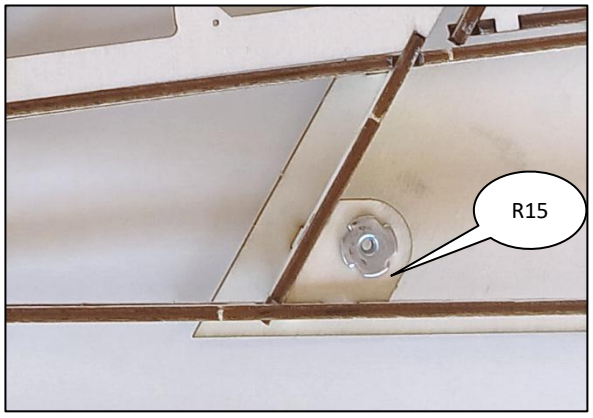
Rudder



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



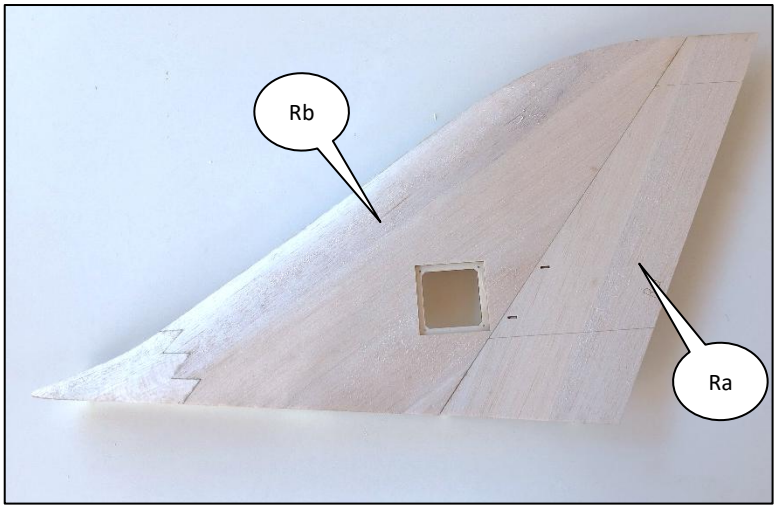


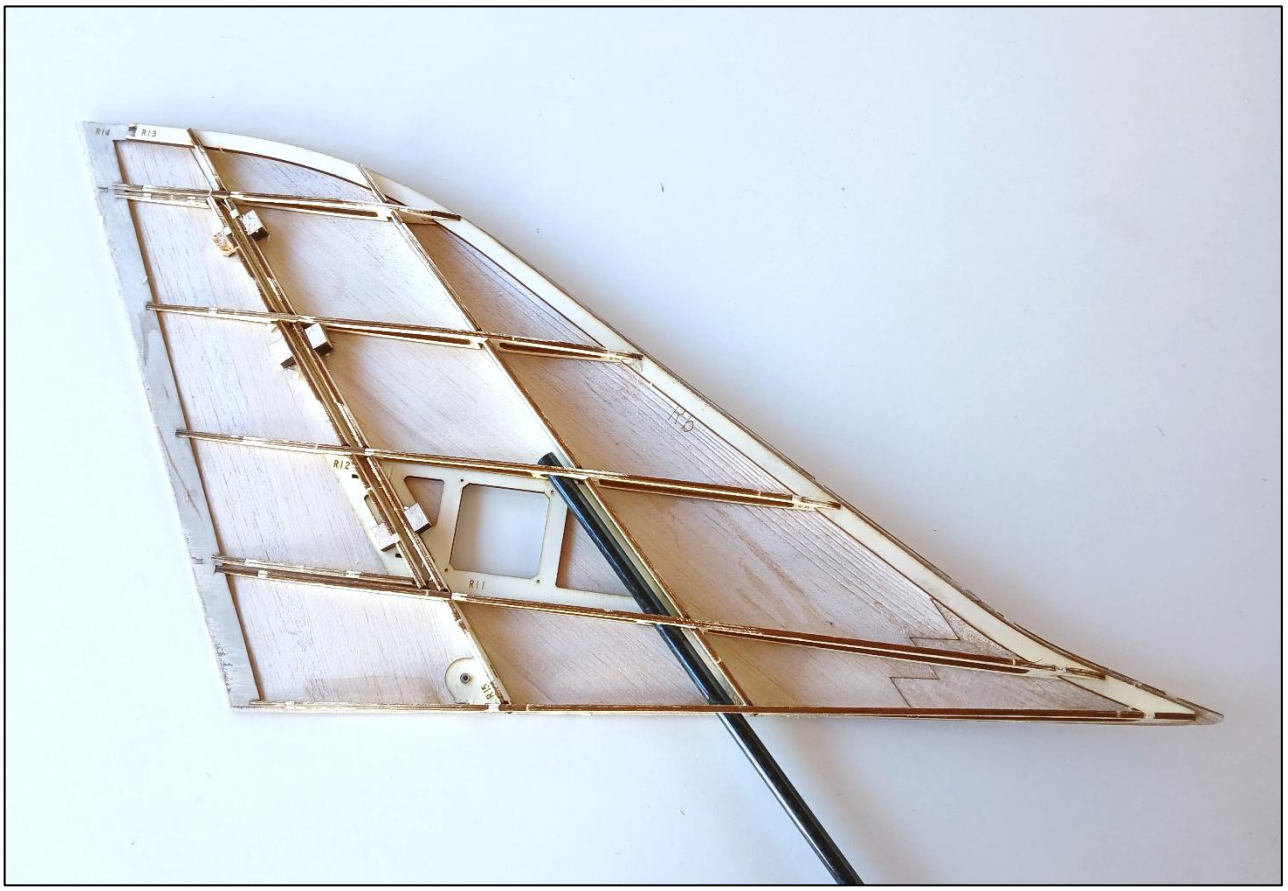


make sure to mount the M3 drive-in nut to the right direction

mount servo cover to guide the balsa sheets

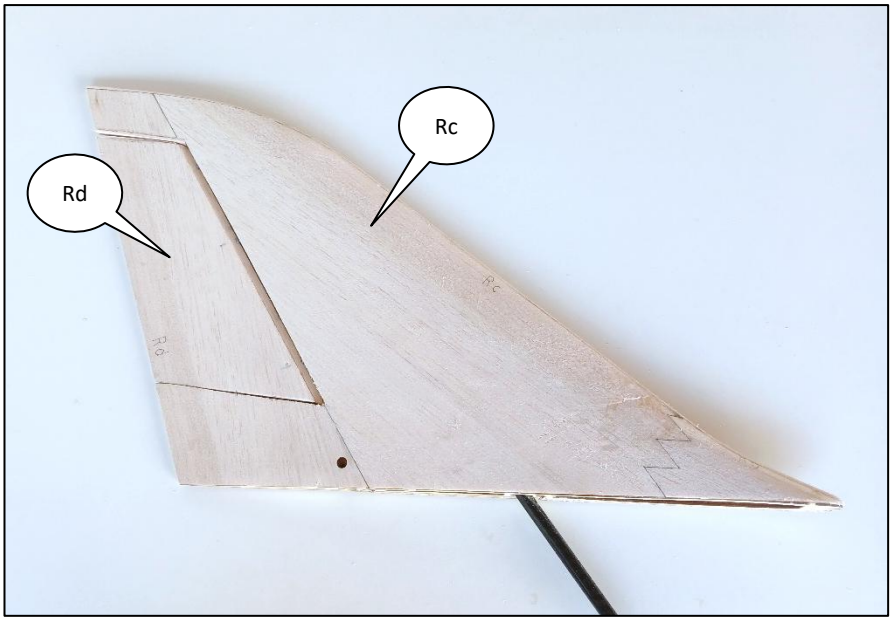
Use the tomjets balsaroller together with tape on the outer side to prebend the leading edge





flip the wing and remove the support legs

glue the balsa blocks for hinge stabilization and the carbon spar, before closing the wing



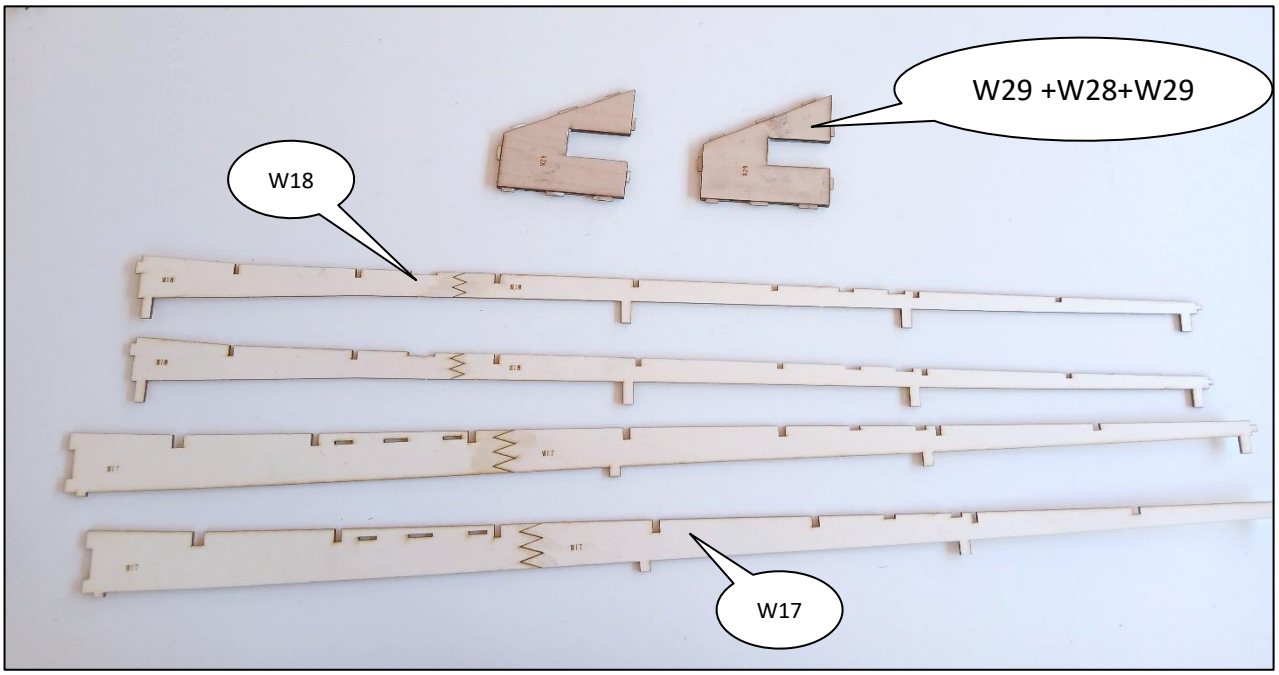
use balsa leftovers for closing the leading edge

cut out the control surface and sand the edges

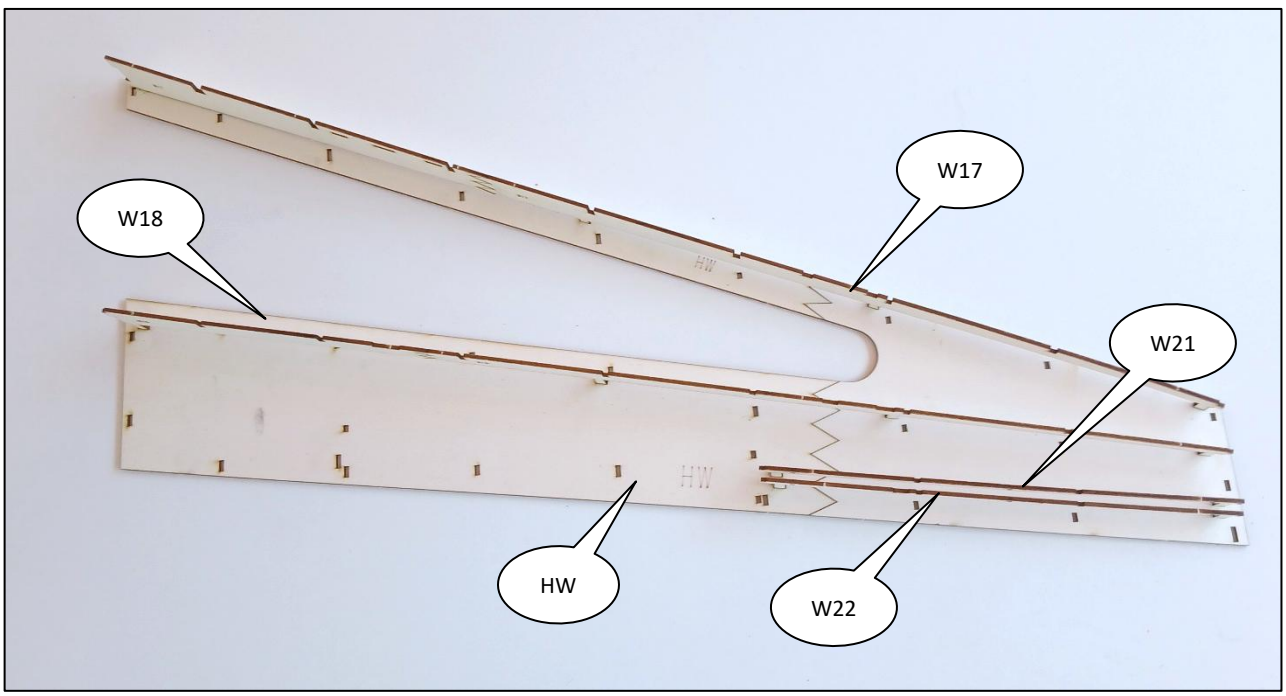
glue the triangular balsa strip

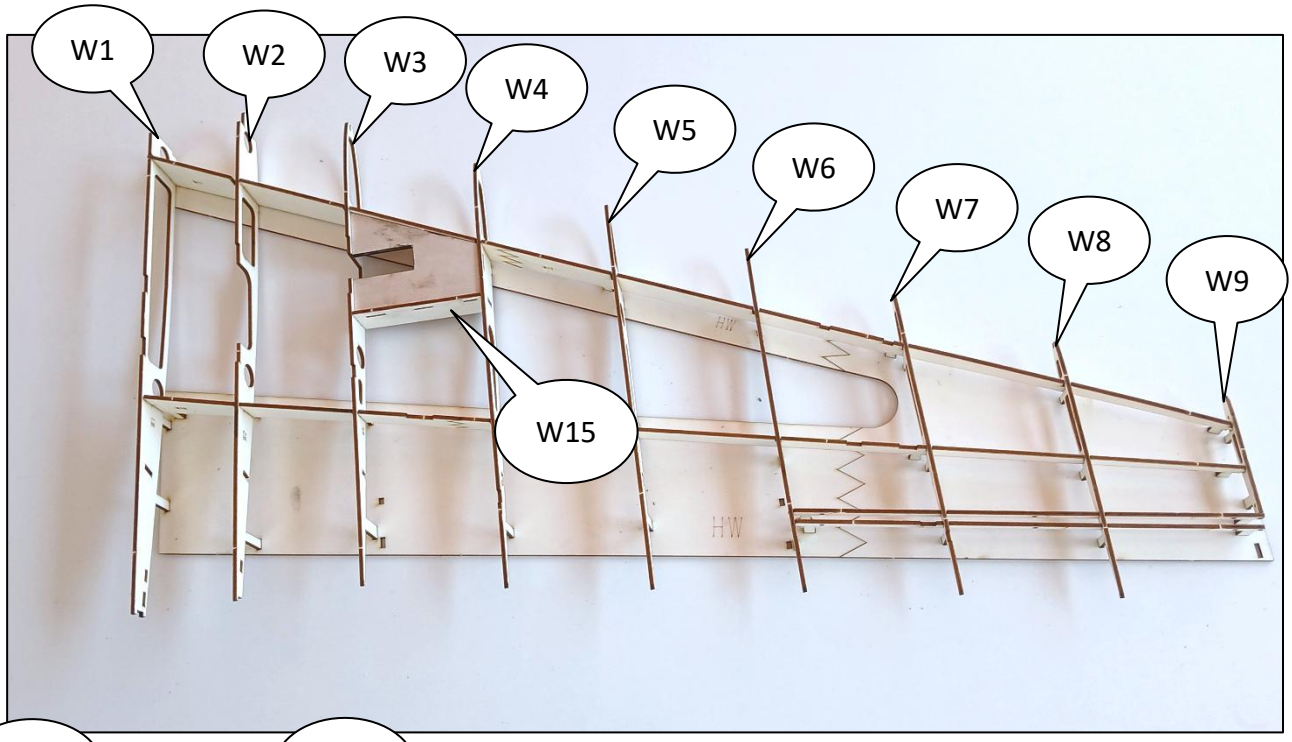
use a 3mm drill and fit in the hinges

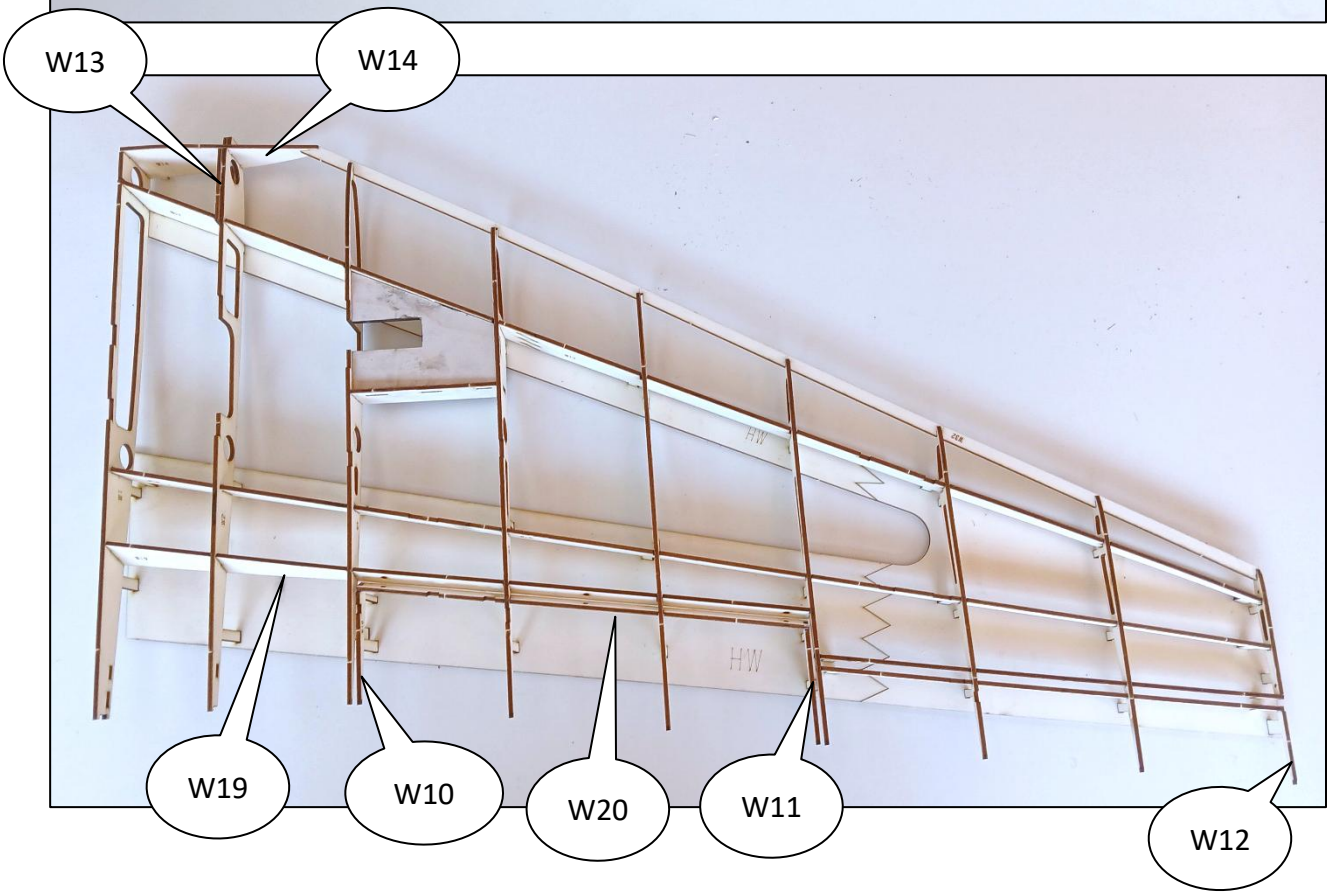
Mainwing

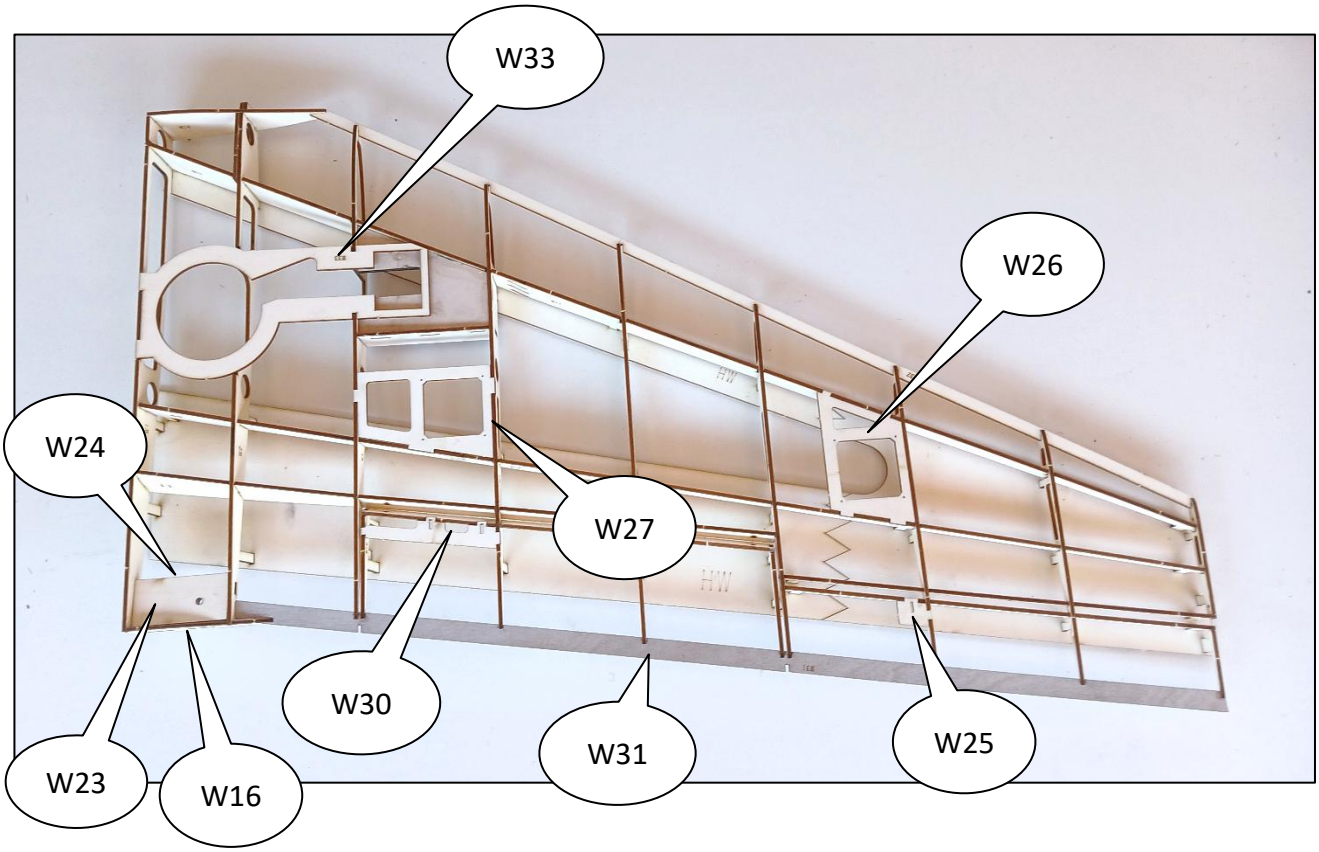


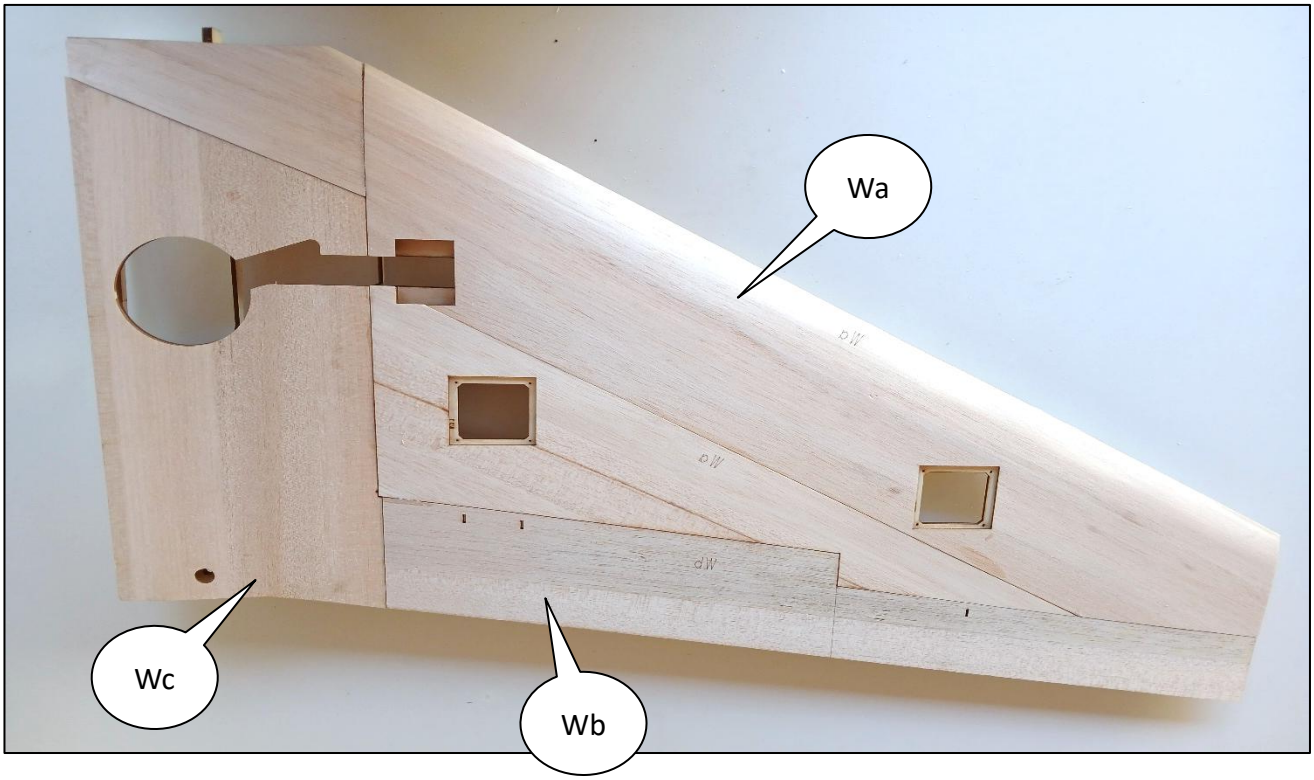
glue W28 in the middle of the stack




W1
W2
W3
W4
W5
W6
W7
W8
W9
W15

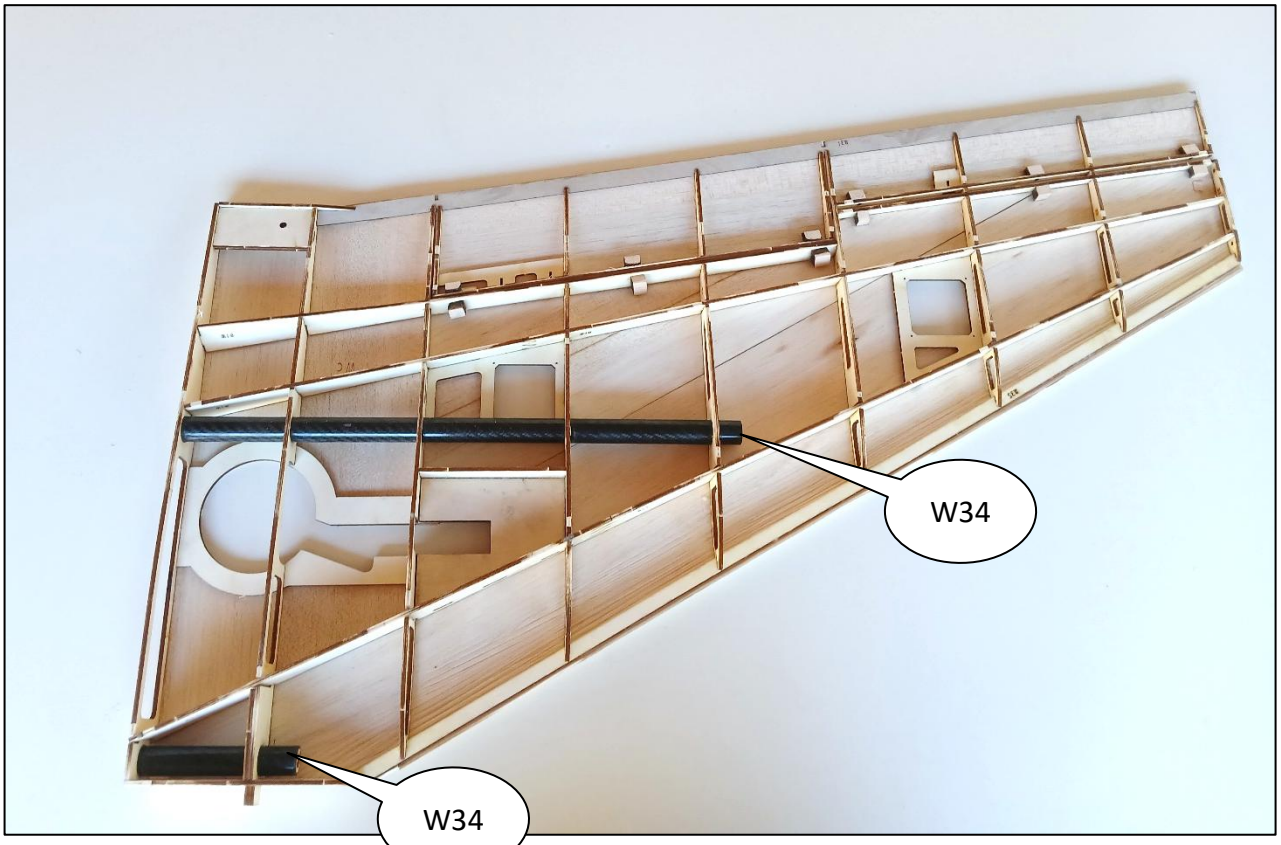

W13
W14
W19
W10
W20
W11
W12





mount servo cover to guide the balsa sheets

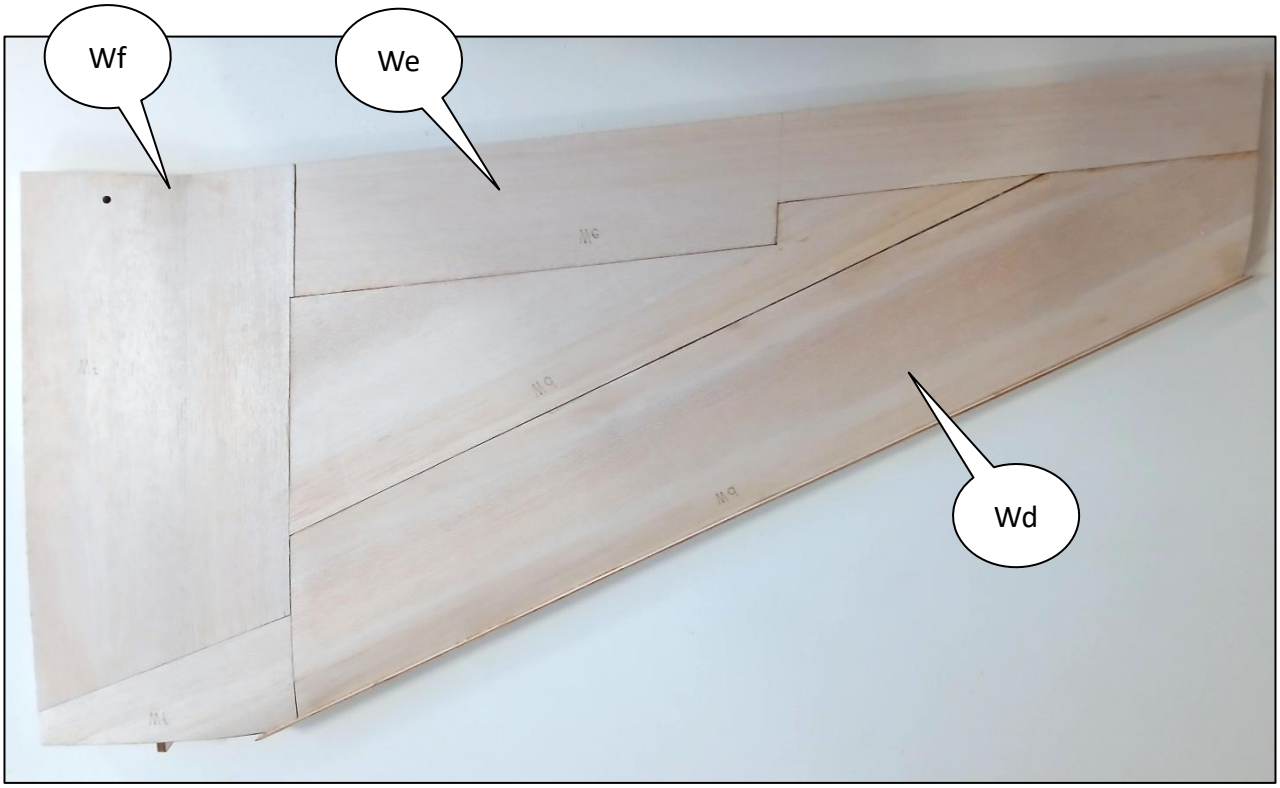
use the tomjets balsaroller together with tape on the outer side to prebend the leading edge

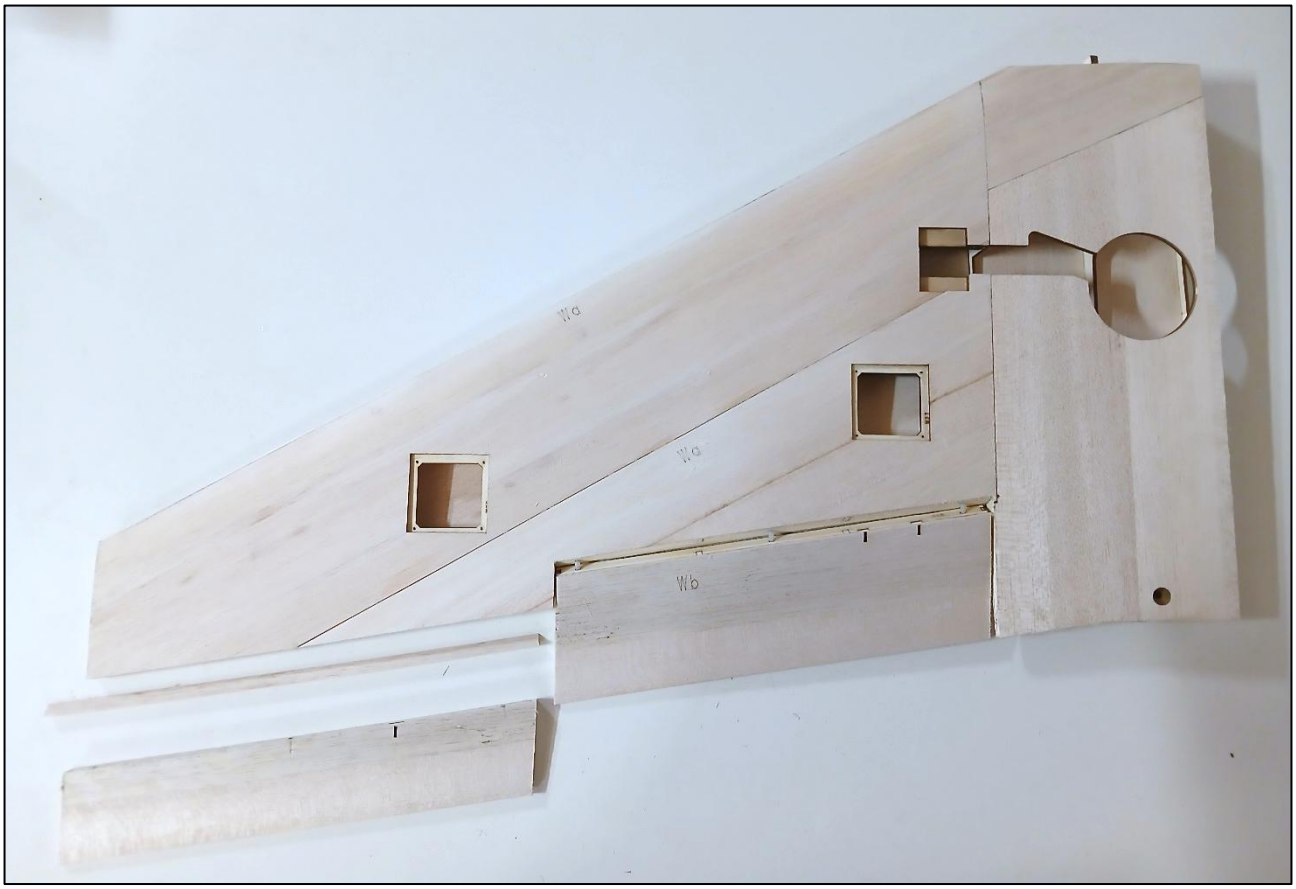


flip the wing and remove the support legs

spar length front 100mm; spar length rear 400mm

glue the balsa blocks for hinge stabilization and the carbon spar, before closing the wing





cut out the control surface and sand the edges

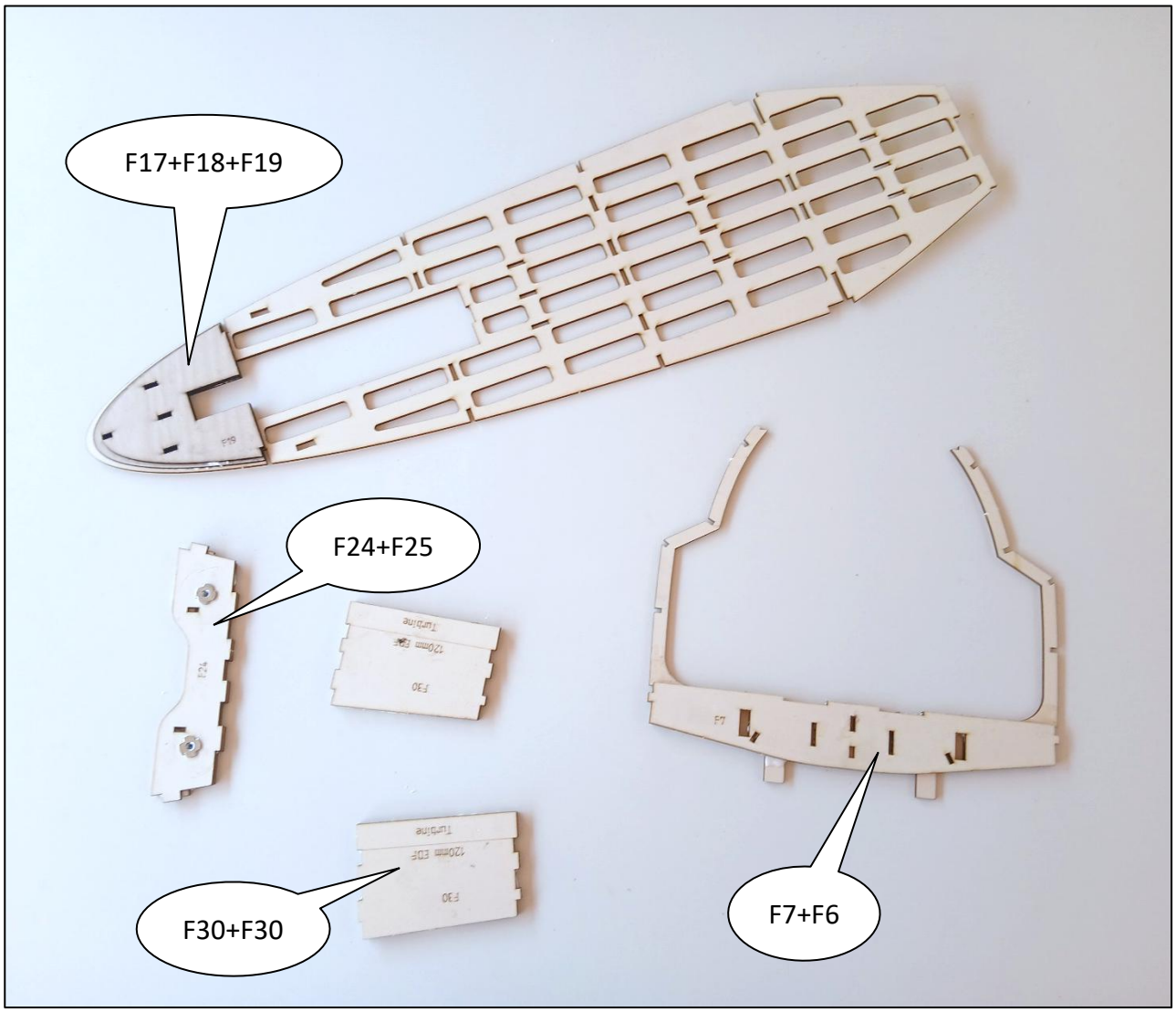
glue the triangular balsa strip

use a 3mm drill and fit in the hinges

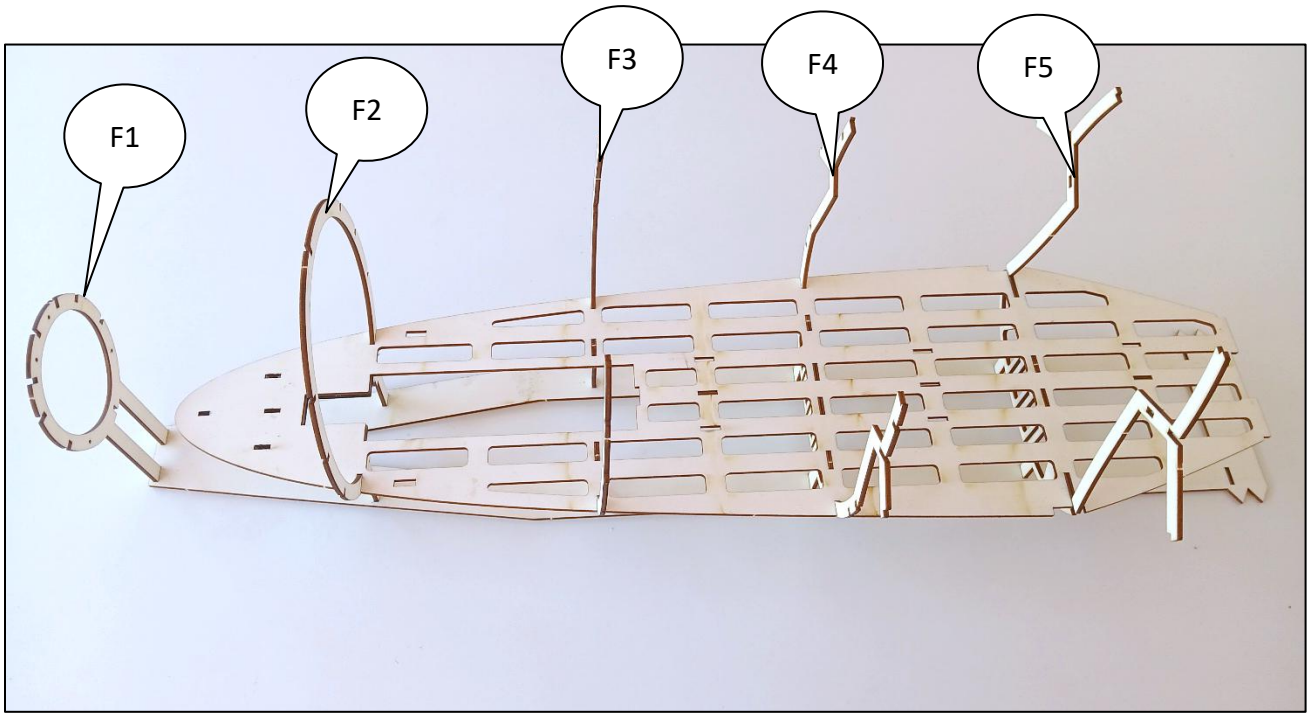
only one mounting jig supplied

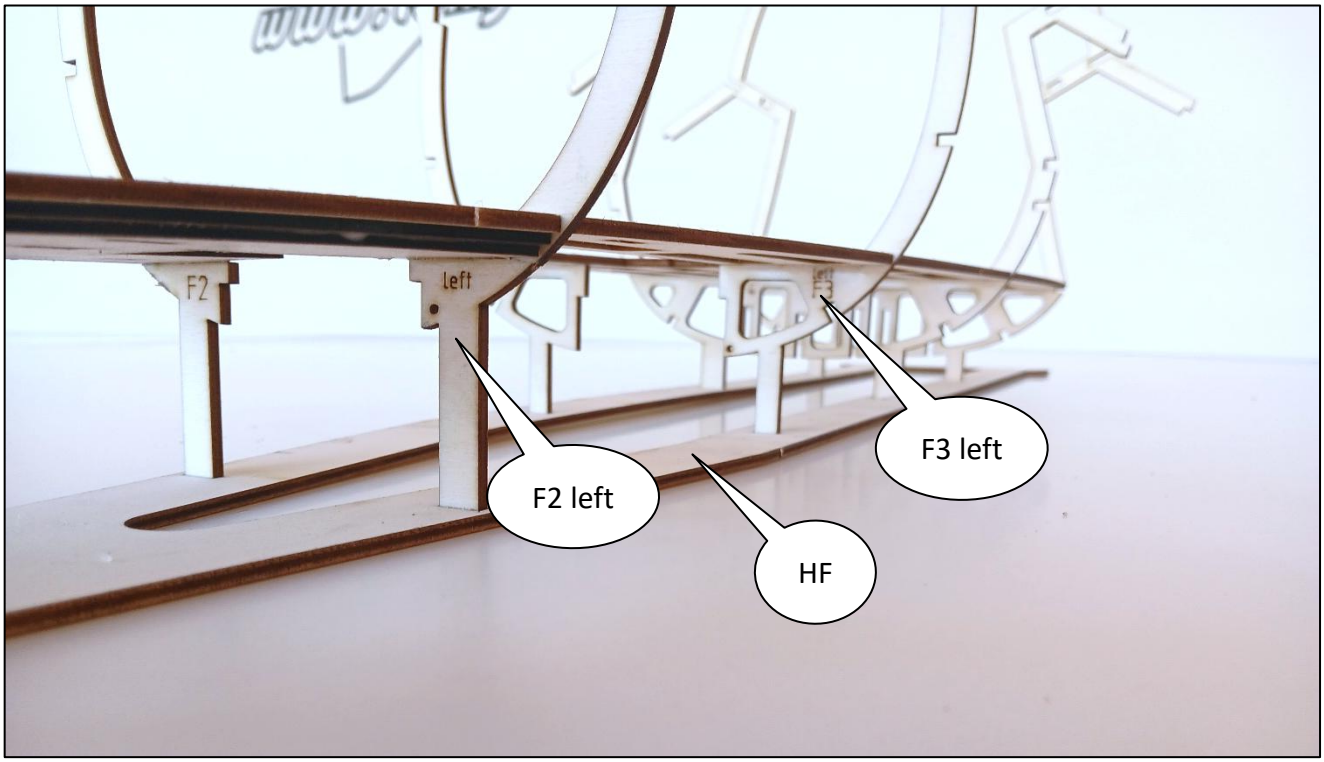
make sure to build the second elevator mirrored

Fuselage

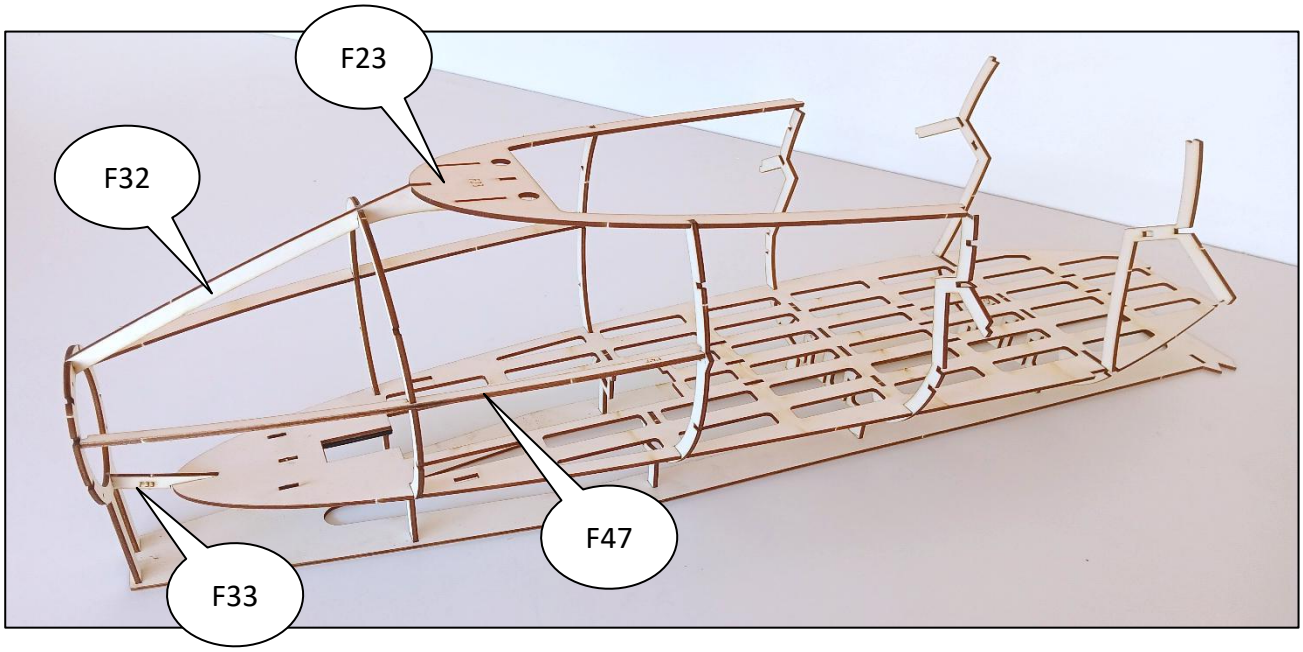


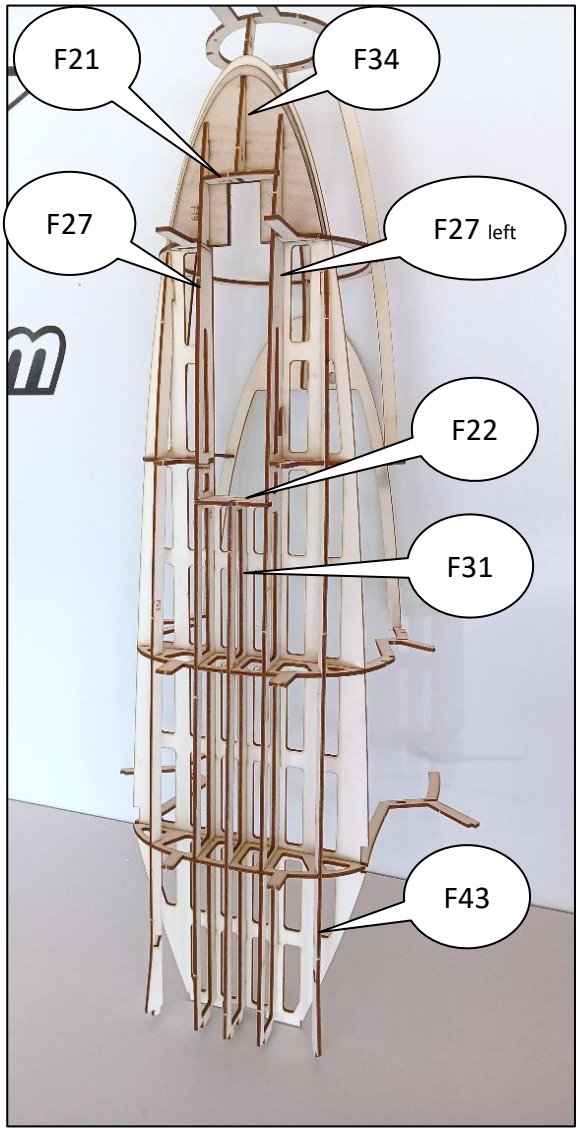
insert M4 drive-in nut while F24 facing to the top

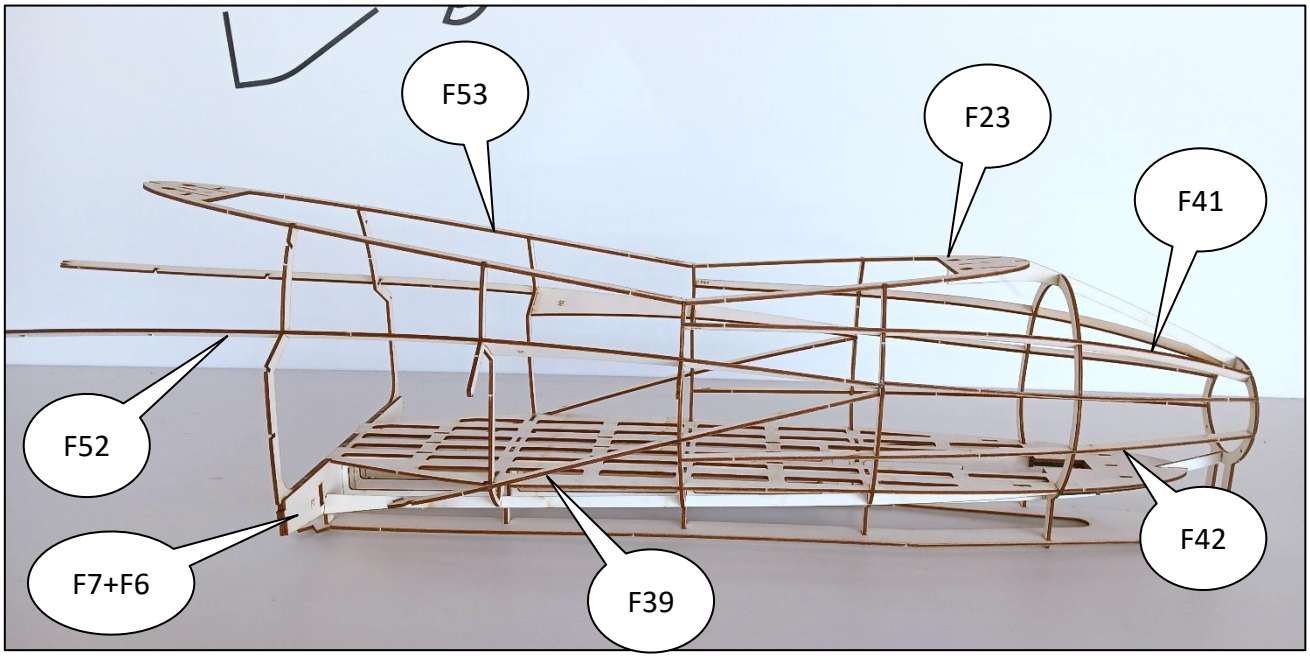




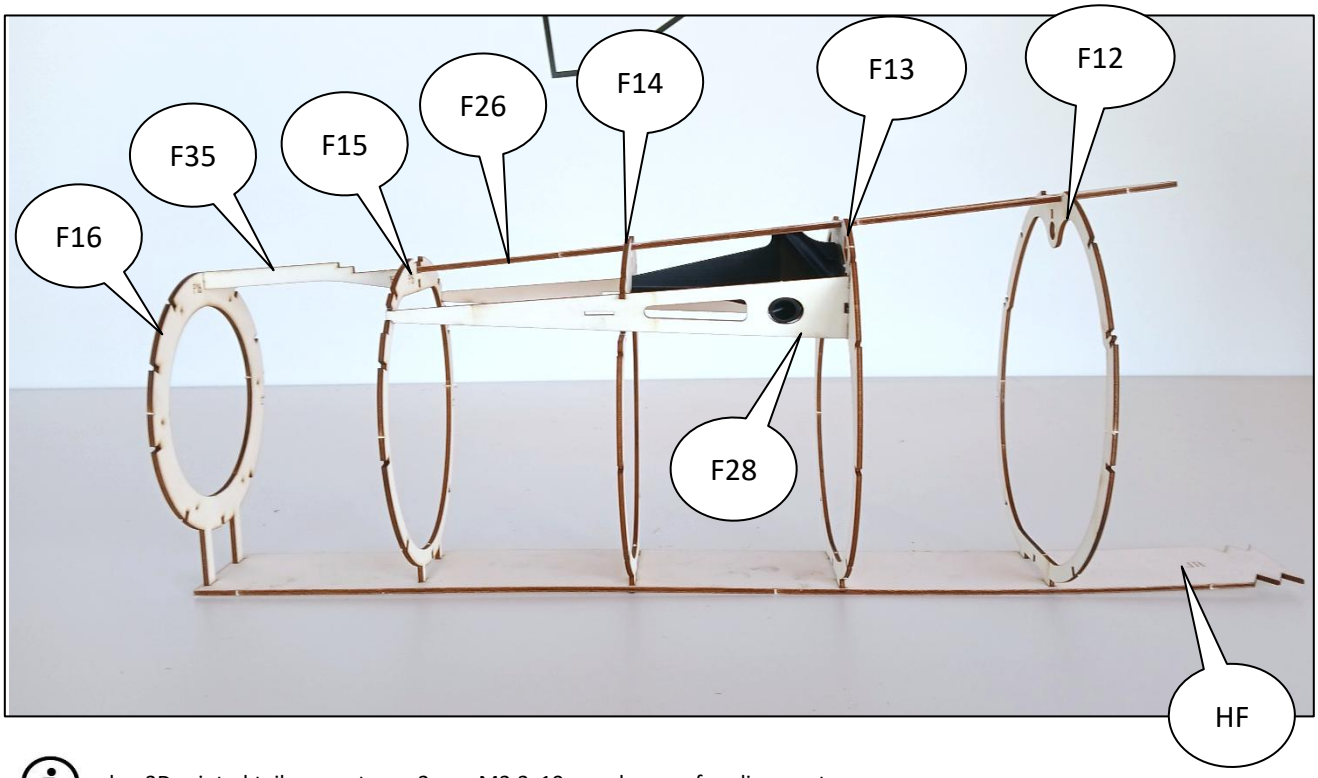
make sure to mount F2 and F3 in the right direction


F23
F32
F47
F33

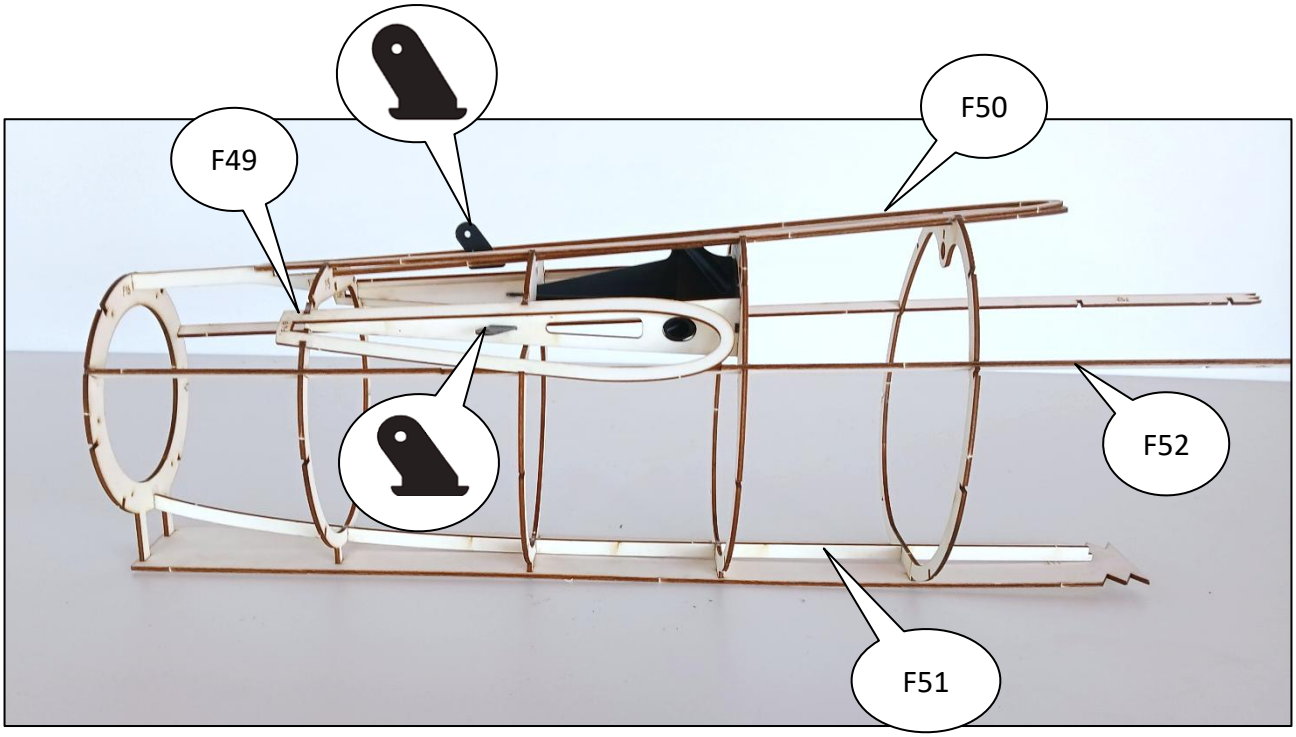

F21
F34
F27
F27 left
F22
F31
F43

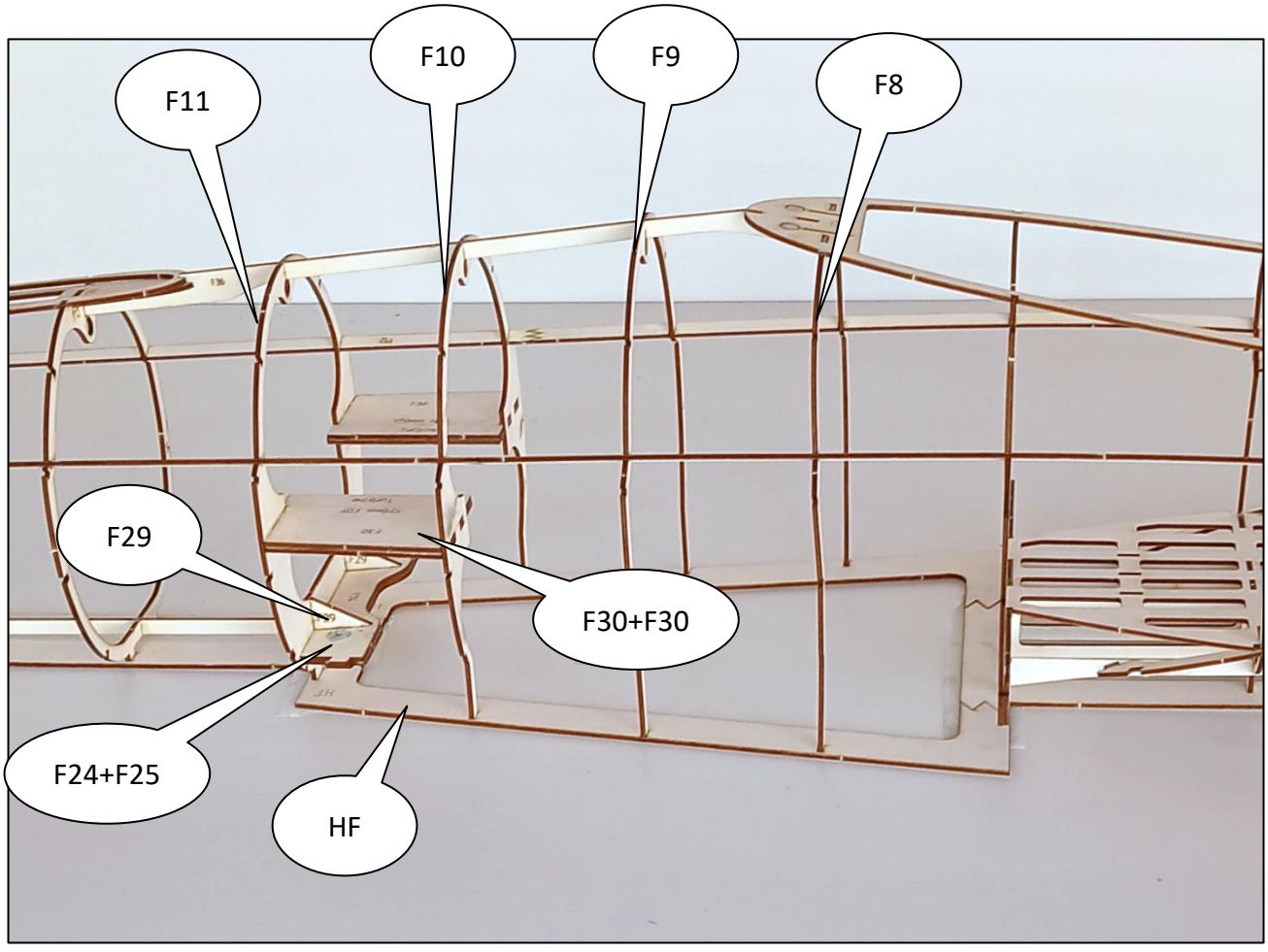


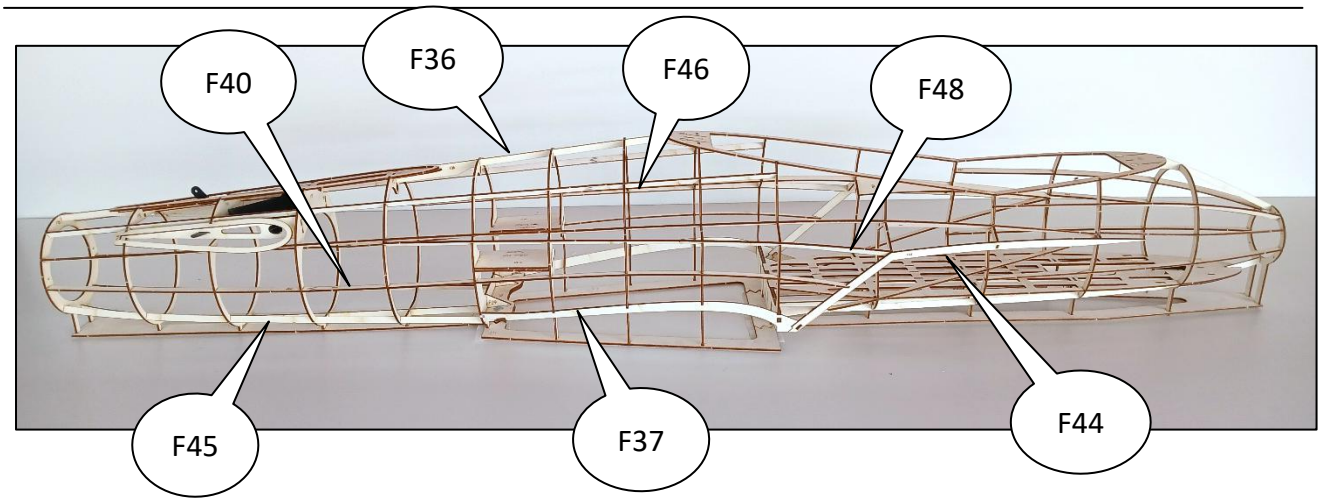
F7 facing to the front

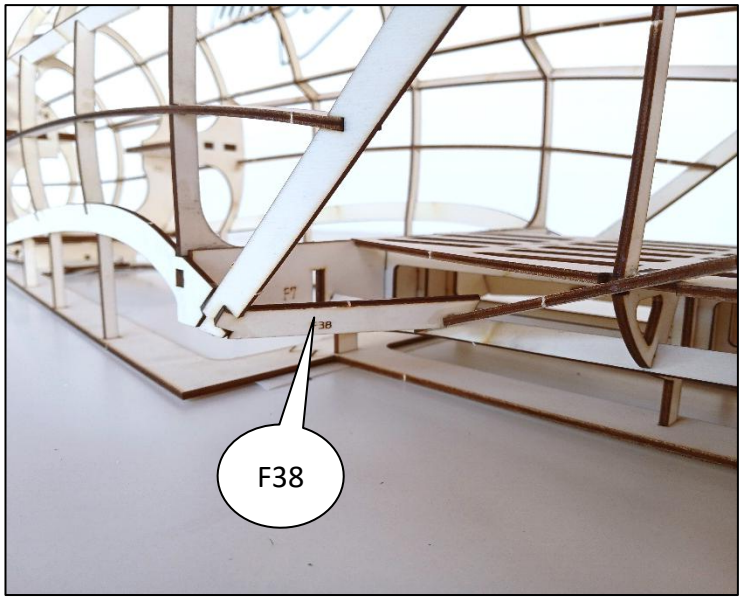


glue 3D printed tail support; use 2 pcs. M2,2x10 woodscrews for alignment

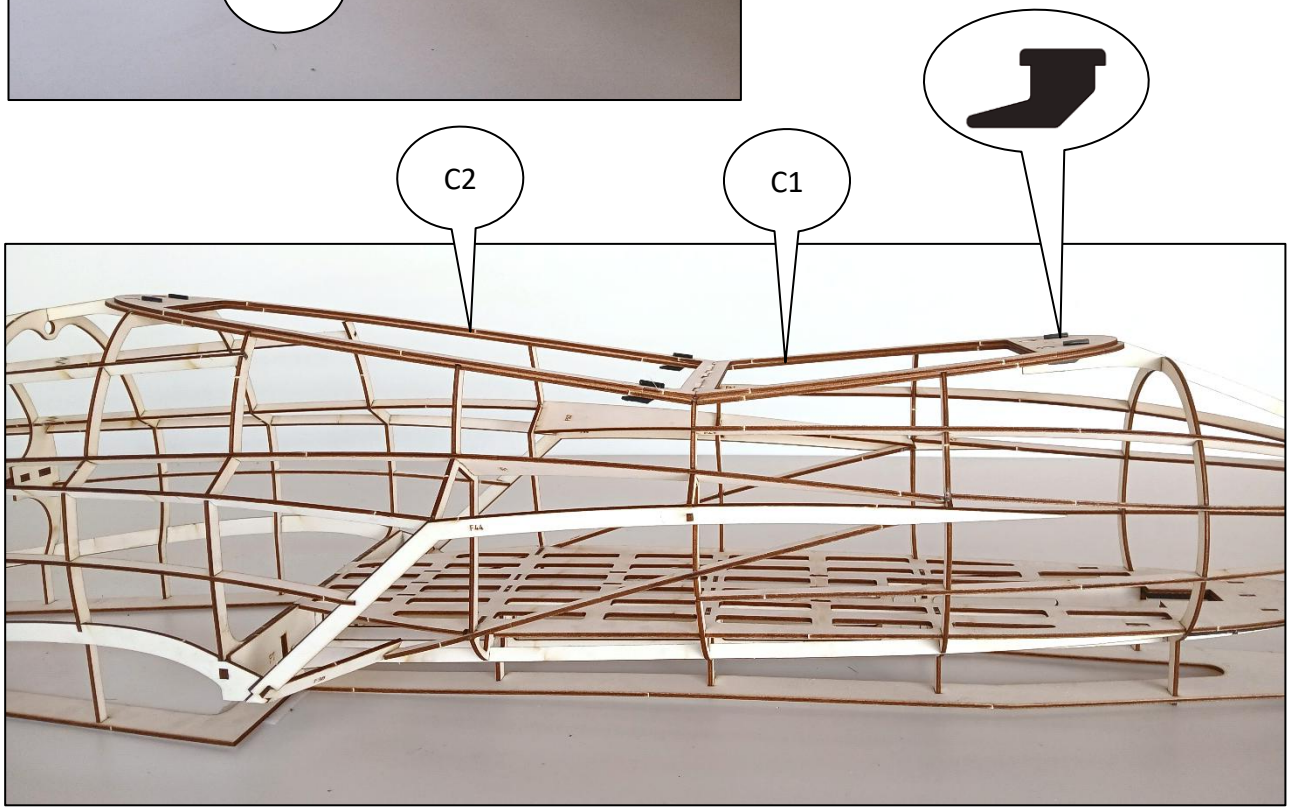

F49
F50
F52
F51

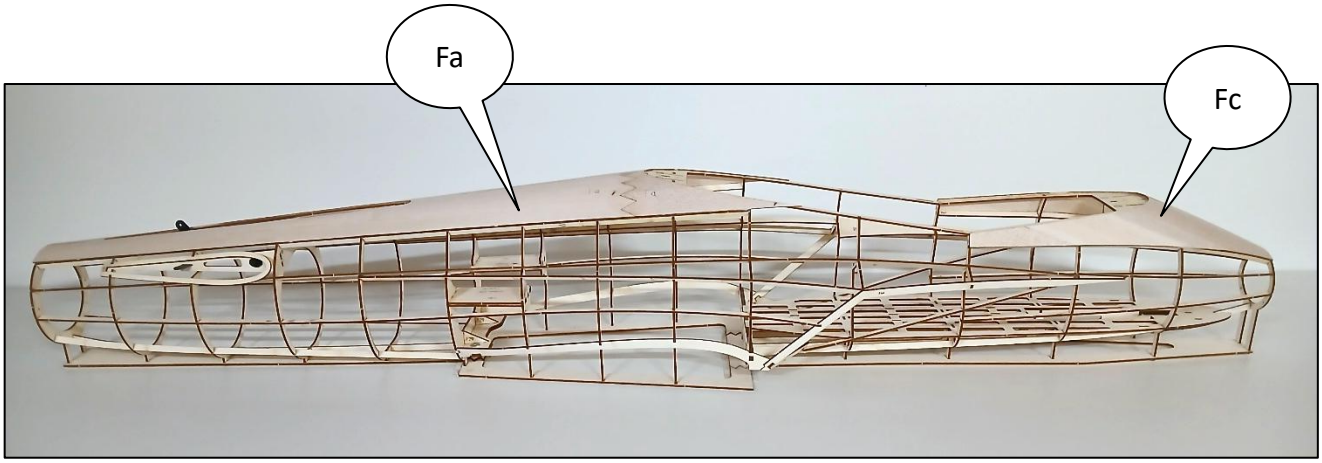

F11
F10
F9
F8
F29
F30+F30
F24+F25
HF





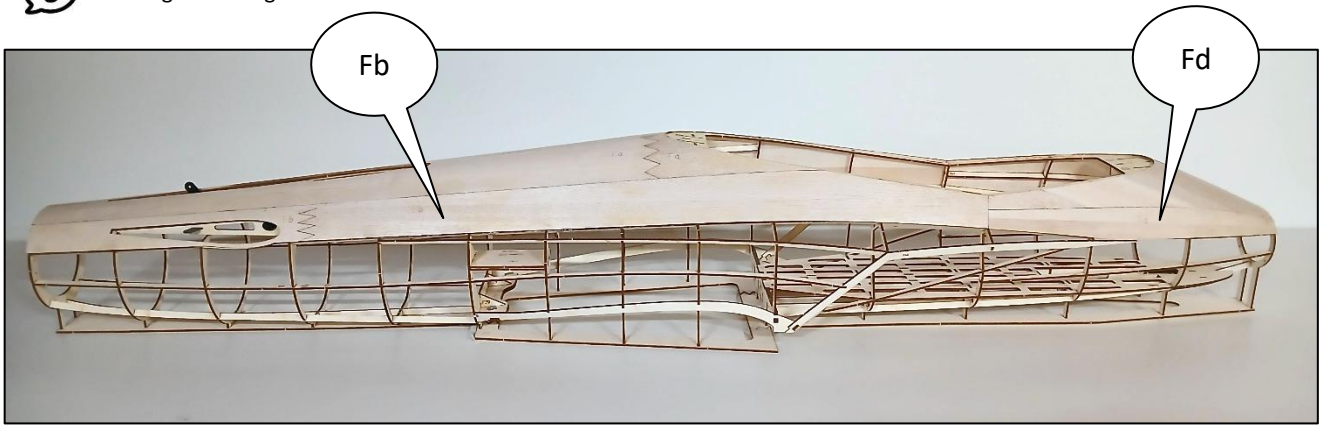
note the direction of the locking hooks

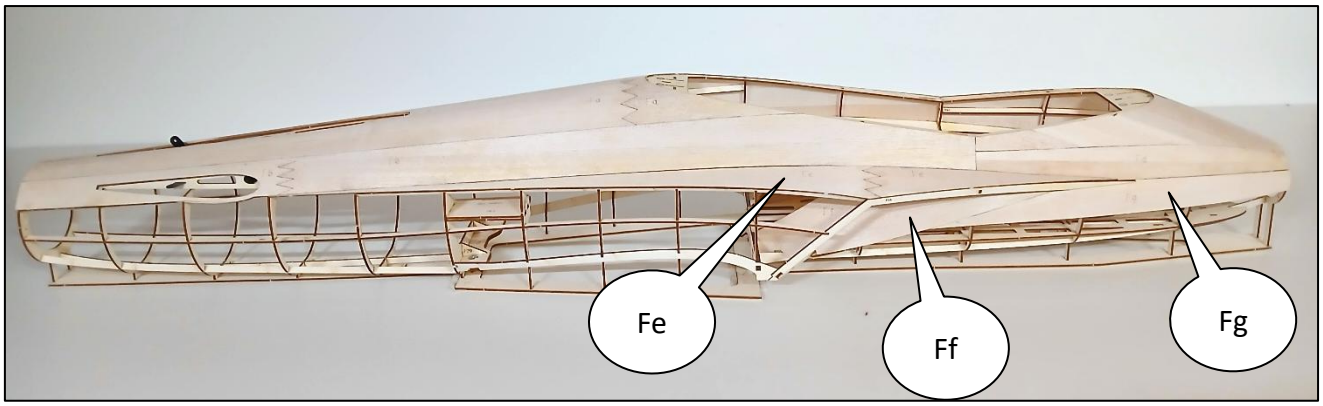


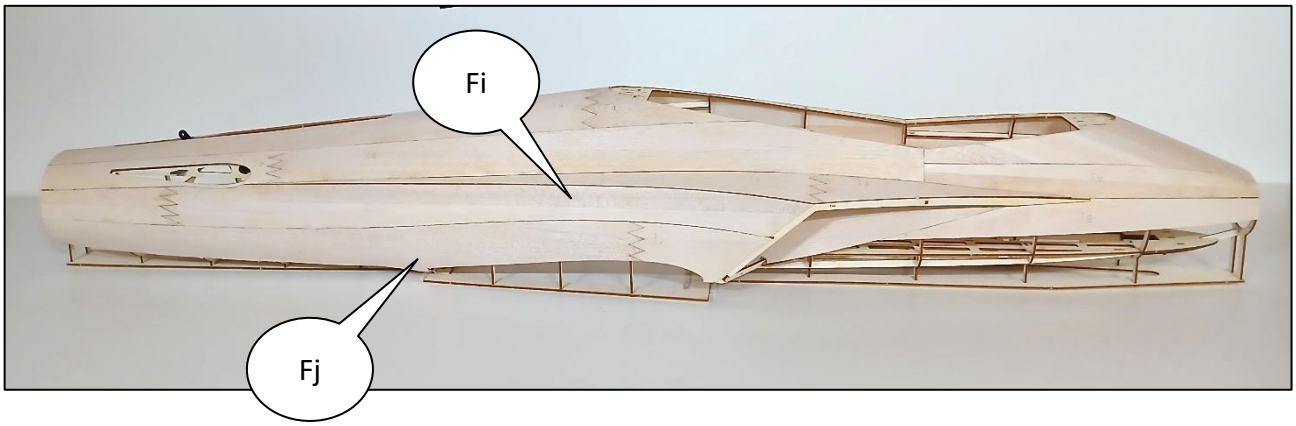


use the tomjets balsaroller if necessary

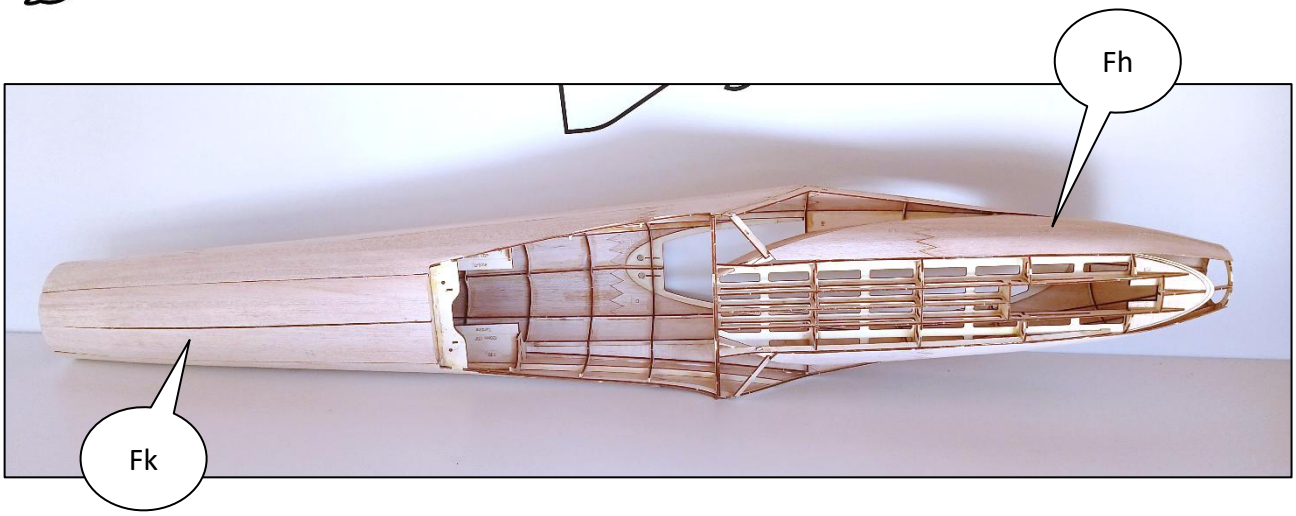
use weights for alignment



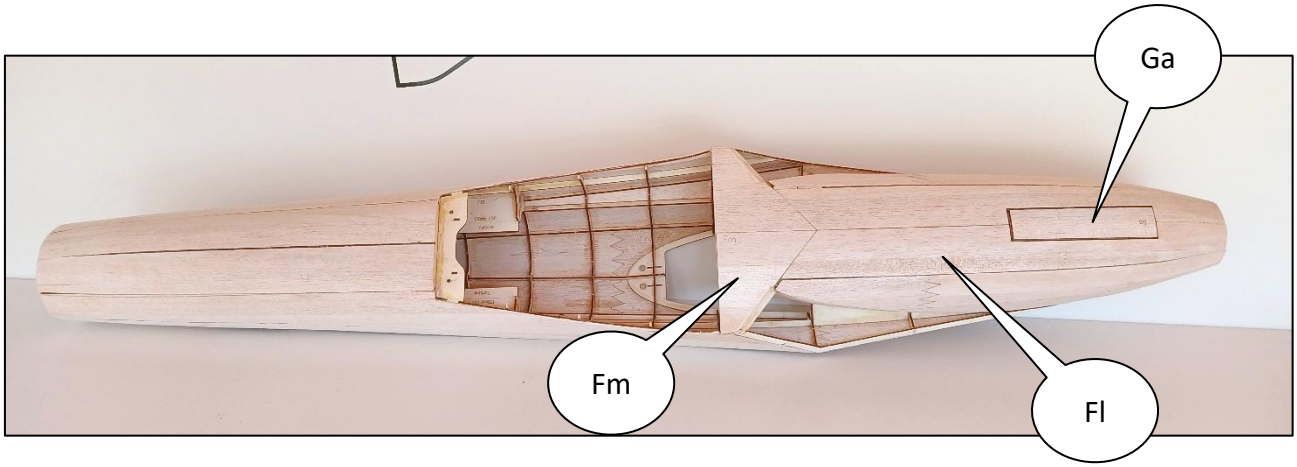




flip the fuselage and remove the support legs



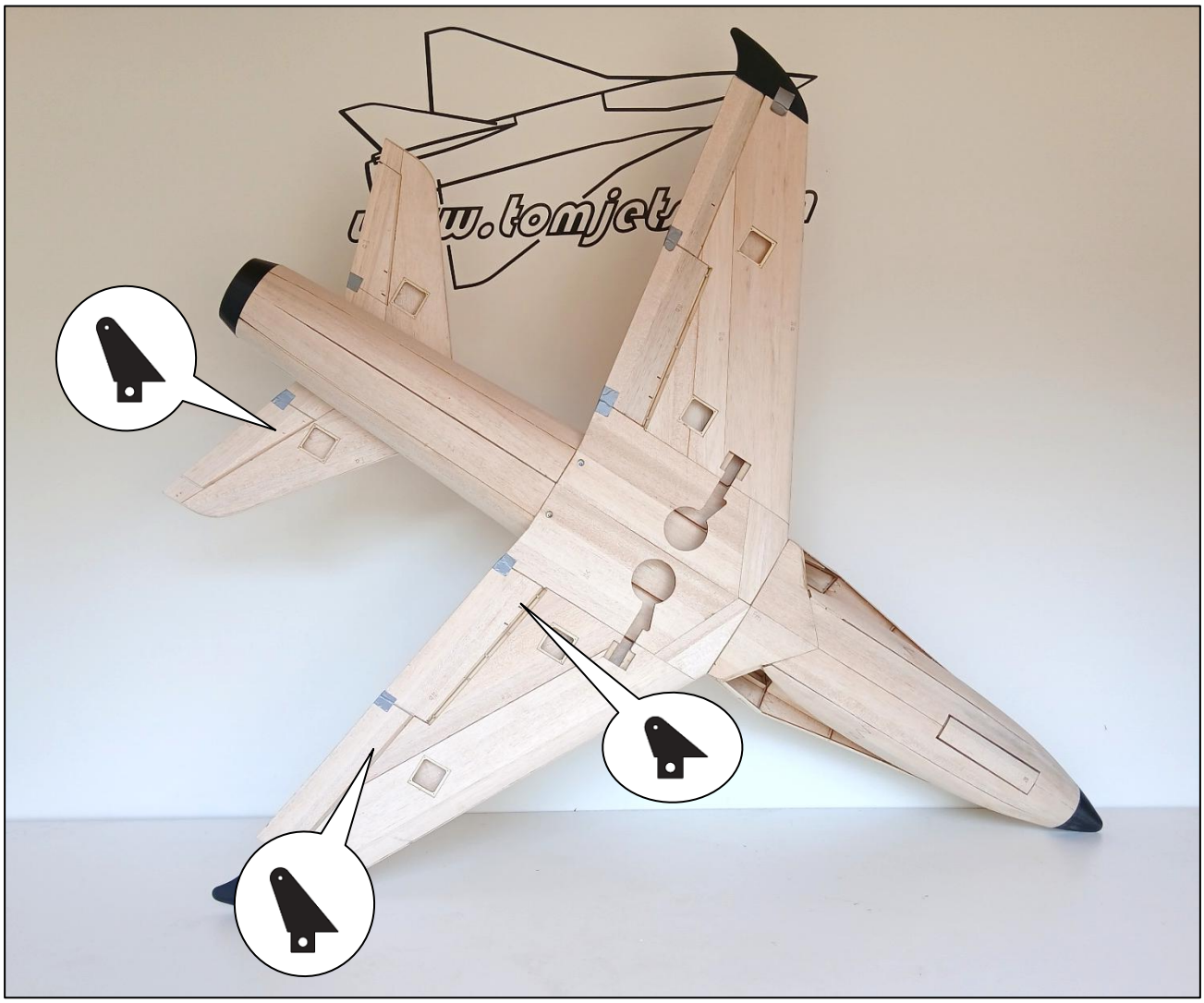
use the 1,5mm nails as hinges



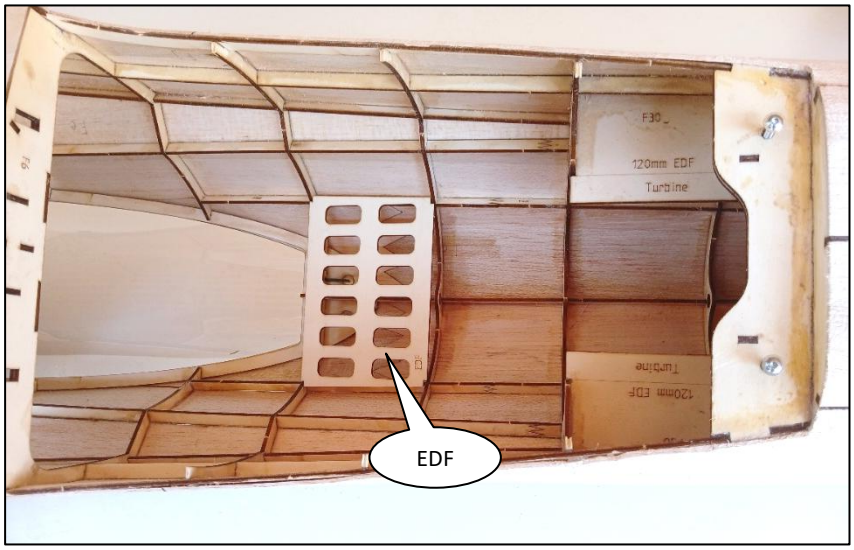
assembly

fit in main wing, elevators and rudder

glue rudder and elevators, canopy and 3D printed parts

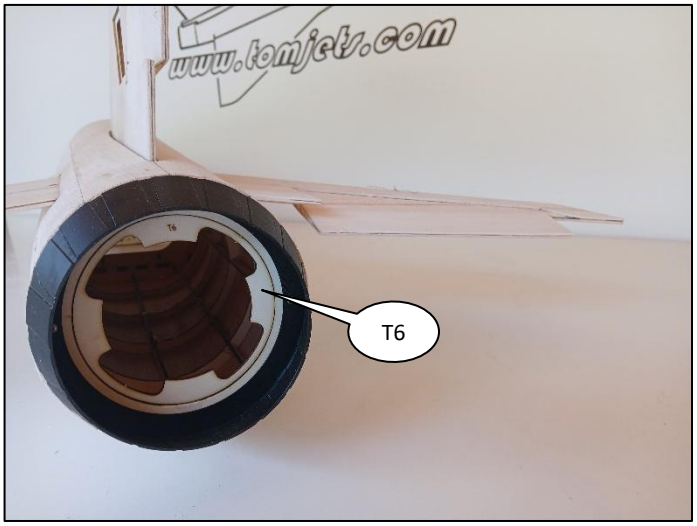


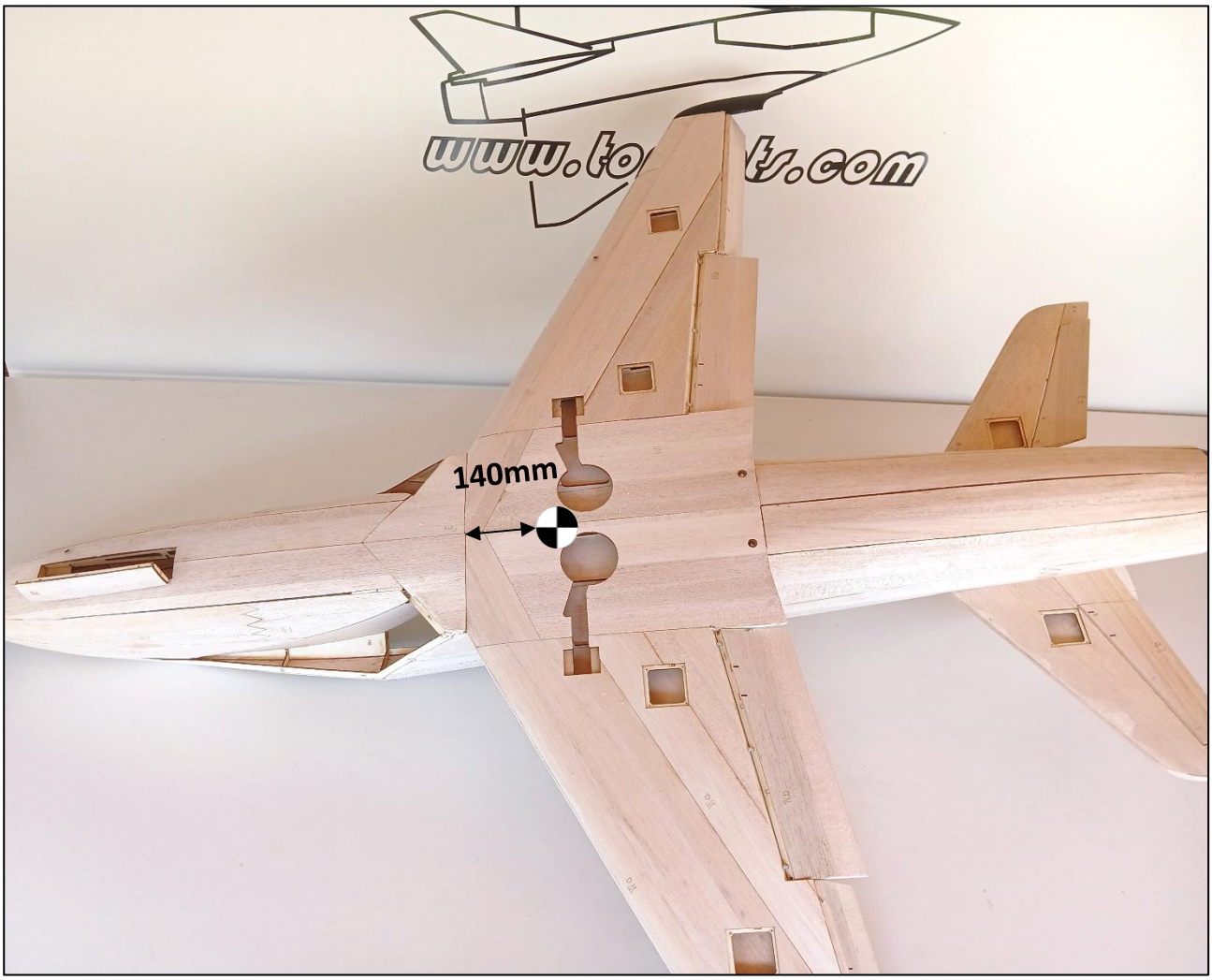
use short rudder horns for flaps



mounting board for the controller, in case of electric setup

use “T”-parts for gas turbine setup





elevator	± 40 mm + 20% expo
aileron	± 40 mm + 20% expo
rudder	± 40 mm + 20% expo
flaps landing	50mm
flaps start	30mm

use flight phase dependent trim instead of elevator flaps mix

on your gear controller, do not mix up the connectors for brakes with retract motor!! The controller immediately will be destroyed!!

land your Interceptor with flaps on landing position and some drag gas.