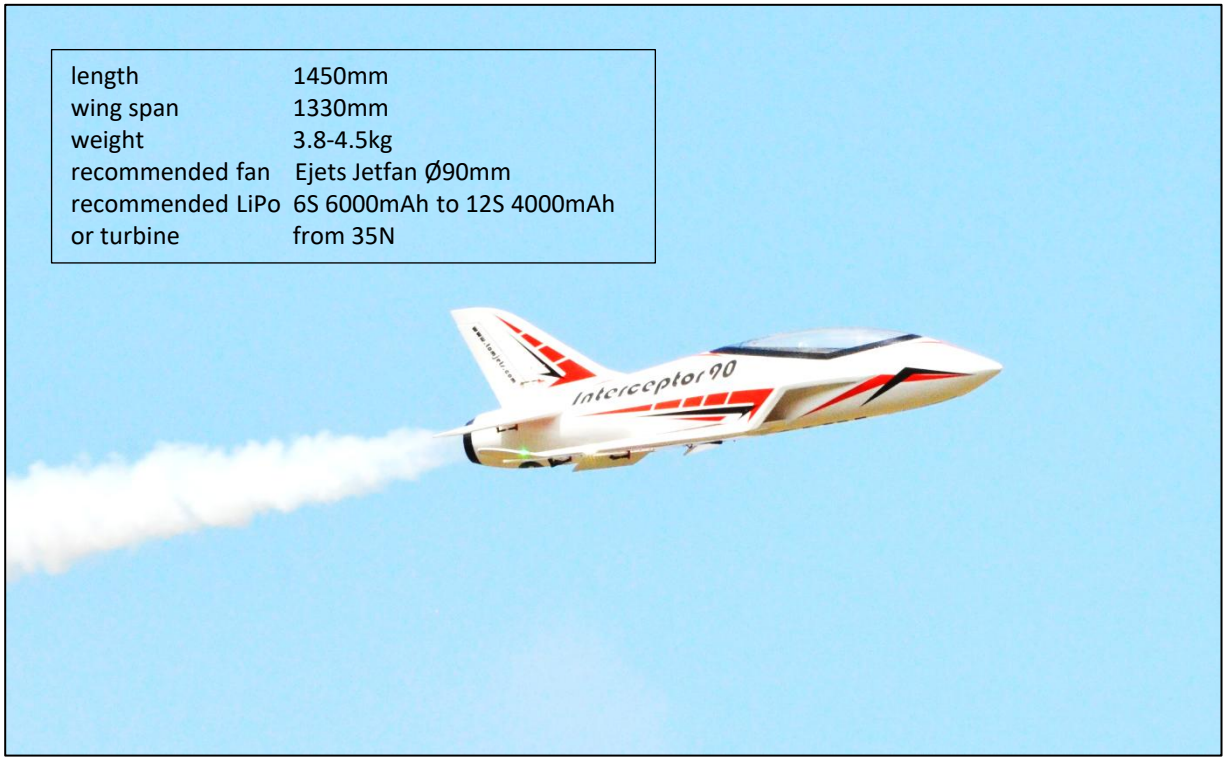
length	1450mm
wing span	1330mm
weight	3.8-4.5kg
recommended fan	Ejets Jetfan Ø90mm
recommended LiPo	6S 6000mAh to 12S 4000mAh
or turbine	from 35N



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 Interceptor90 is a classic sport jet with a modern design. Using a 90mm fan or alternatively a turbine from 35N, it goes through all flight maneuvers masterfully. The Interceptor90 offers endless fun for an affordable budget. With its size, it fits in any trunk. Right away ready for use thanks to the easy-to-assemble one-piece wing and always ready for a spontaneous after-work flight.

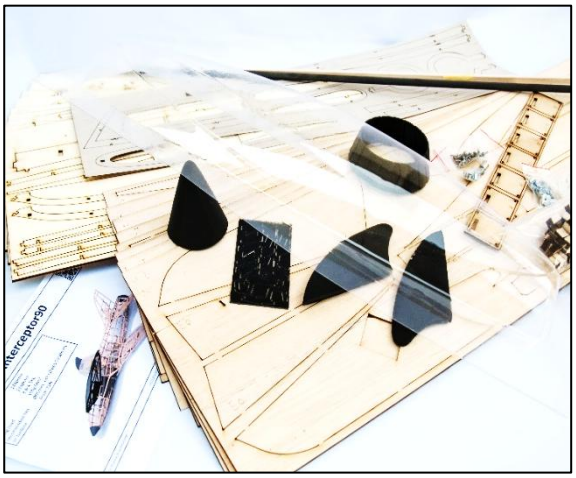
For the sake of order, it should be mentioned that it is by no means a toy and that careful construction and flight are required. The responsibility for ensuring safety is entirely with the builder or pilot.

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.

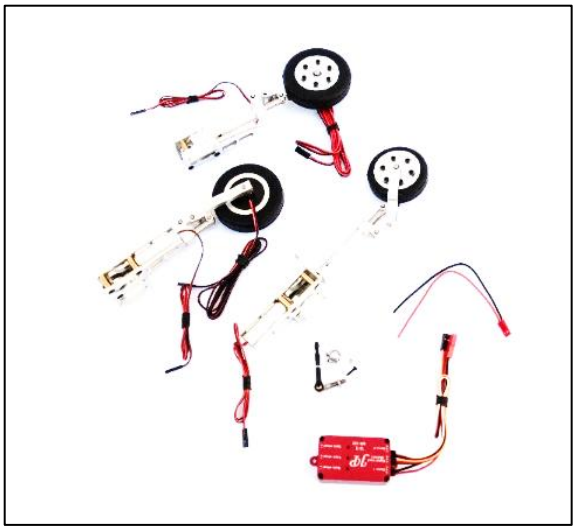
Interceptor90 jet kit

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	for trailing edges	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 M2,9x13	for retracts screwing	12
triangular balsa strips 8mm	for controll surface chamfers	1
nail 1.2 x20mm	for gear door hinge	2
gear door hinge block	3D print PLA	2



Interceptor90 gear kit

description	comment	pcs.
Metal Struts Set + Brakes + Controller	JP Hobby ER-005 Tomjets Interceptor90 1.33m	1



Interceptor90 decals kit

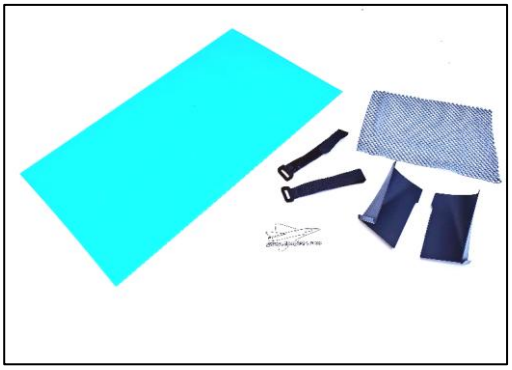
description	comment	pcs.
high-quality fuel-resistant adhesive film	tomjets design 2025 different colour schemes possible on request	2

Interceptor90 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

Interceptor90 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



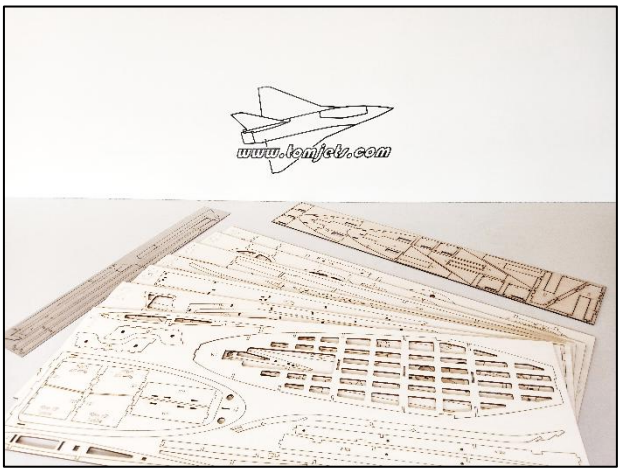
Interceptor90 Servo kit

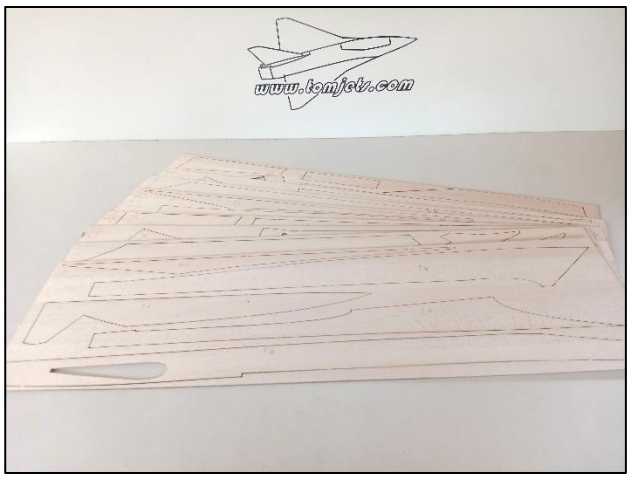
description	comment	pcs.
Chaservo DS09	for control surfaces	7
Chaservo DS09	for steering and gear door	2
ball head M2 + monting screws	for control linkage	14
threaded rod M2 50cm	for control linkage	1
mounting blocks	5mm ply wood	16

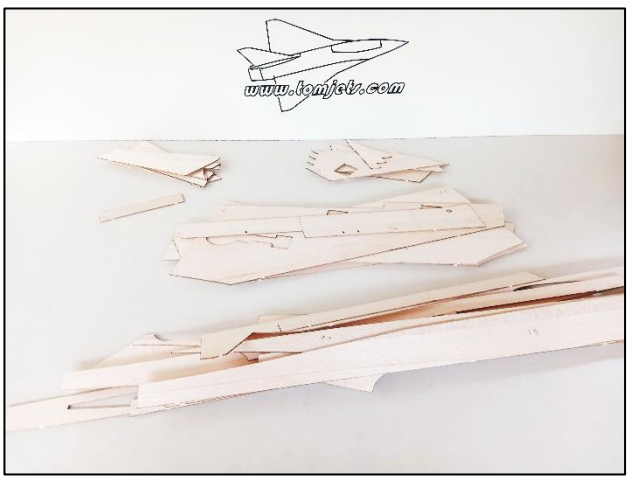
Interceptor90 Lightning kit

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



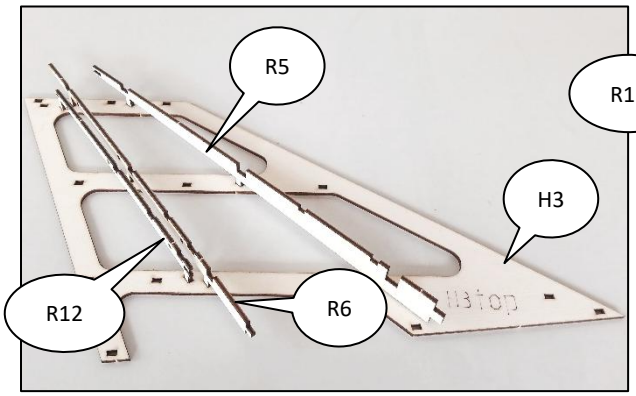


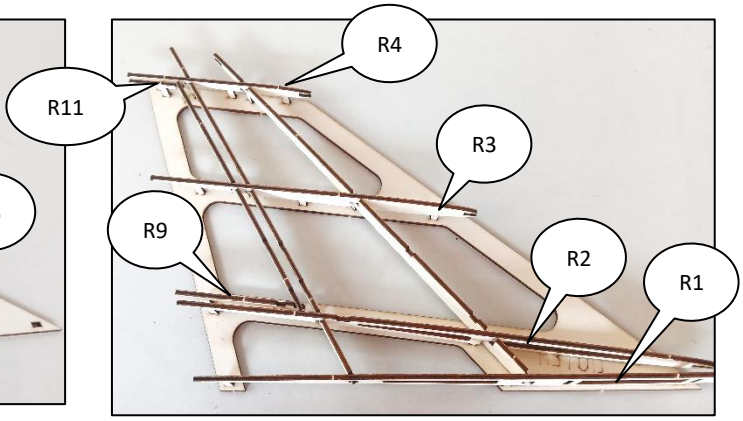


sort the parts according to the assemblies:
H=helling F=fuselage W=wing E=elevator R=rudder C=canopoy S=servo G=gear door

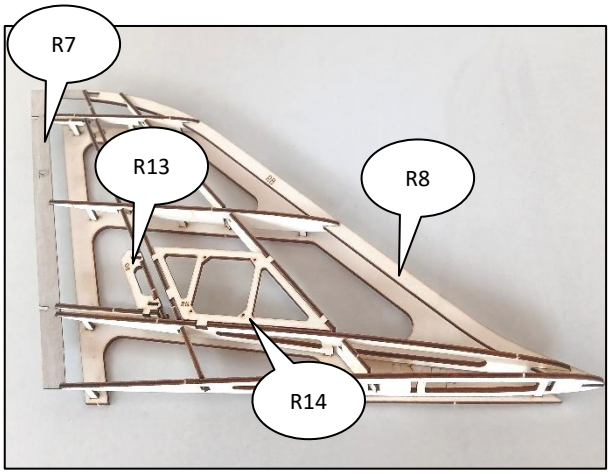
handle with care

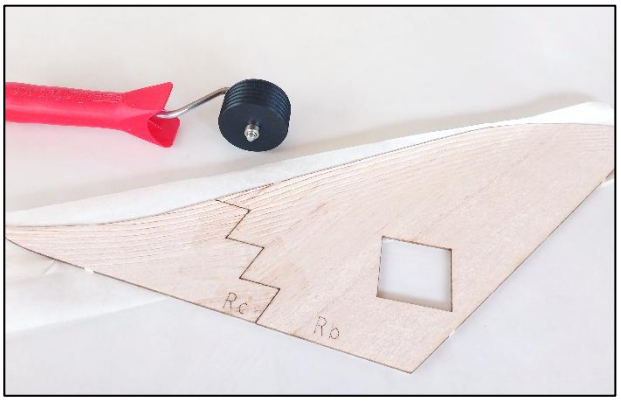
Rudder



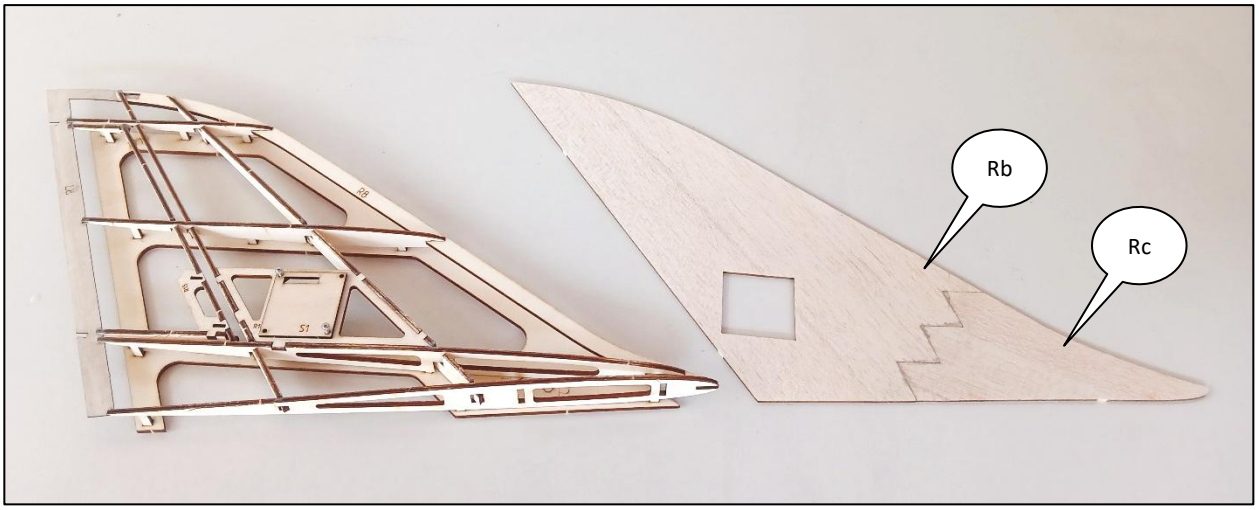


make sure the lettering “top” is facing to the front side

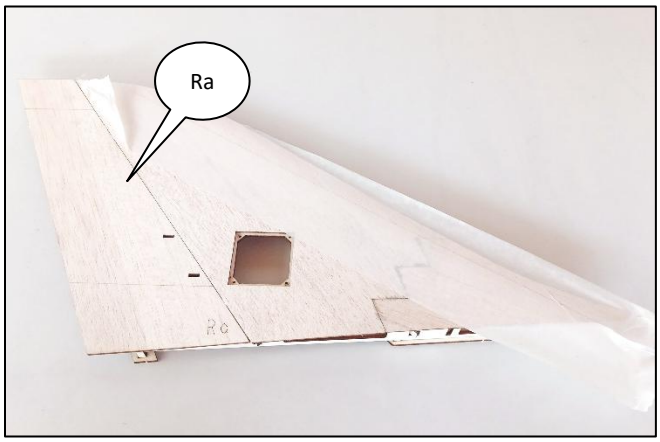


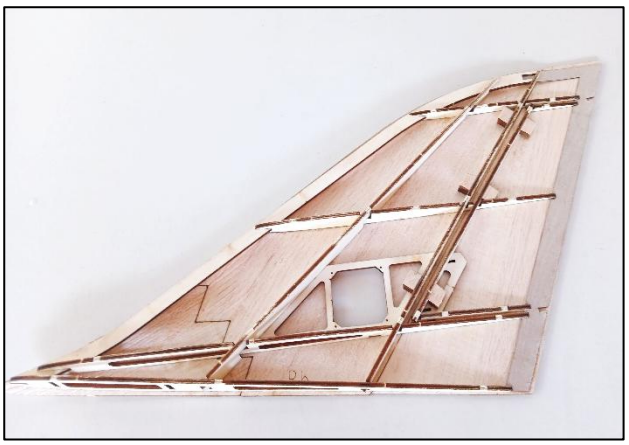


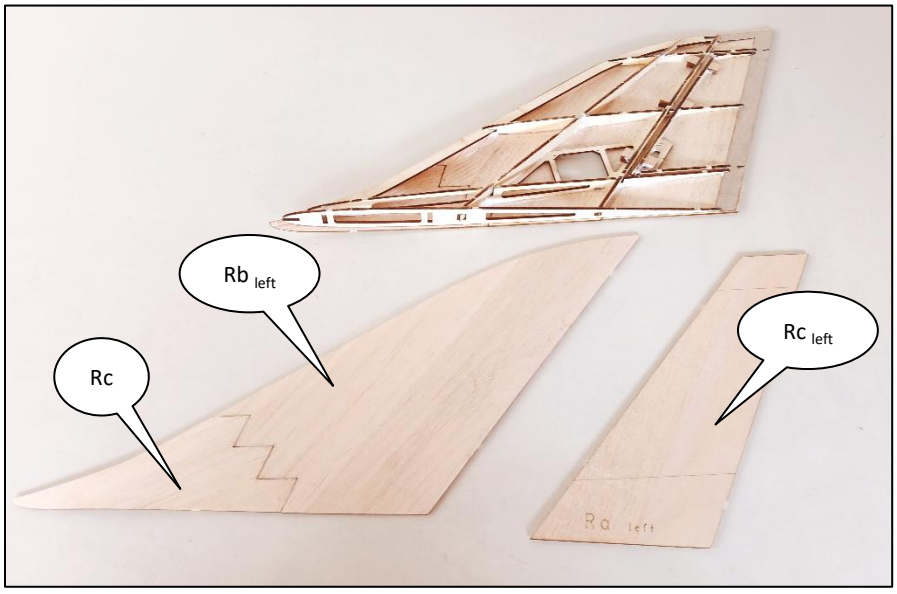
Use the tomjets balsaroller together with tape on the outer side to prebend the leading edge



mount servo cover to guide the balsa sheets



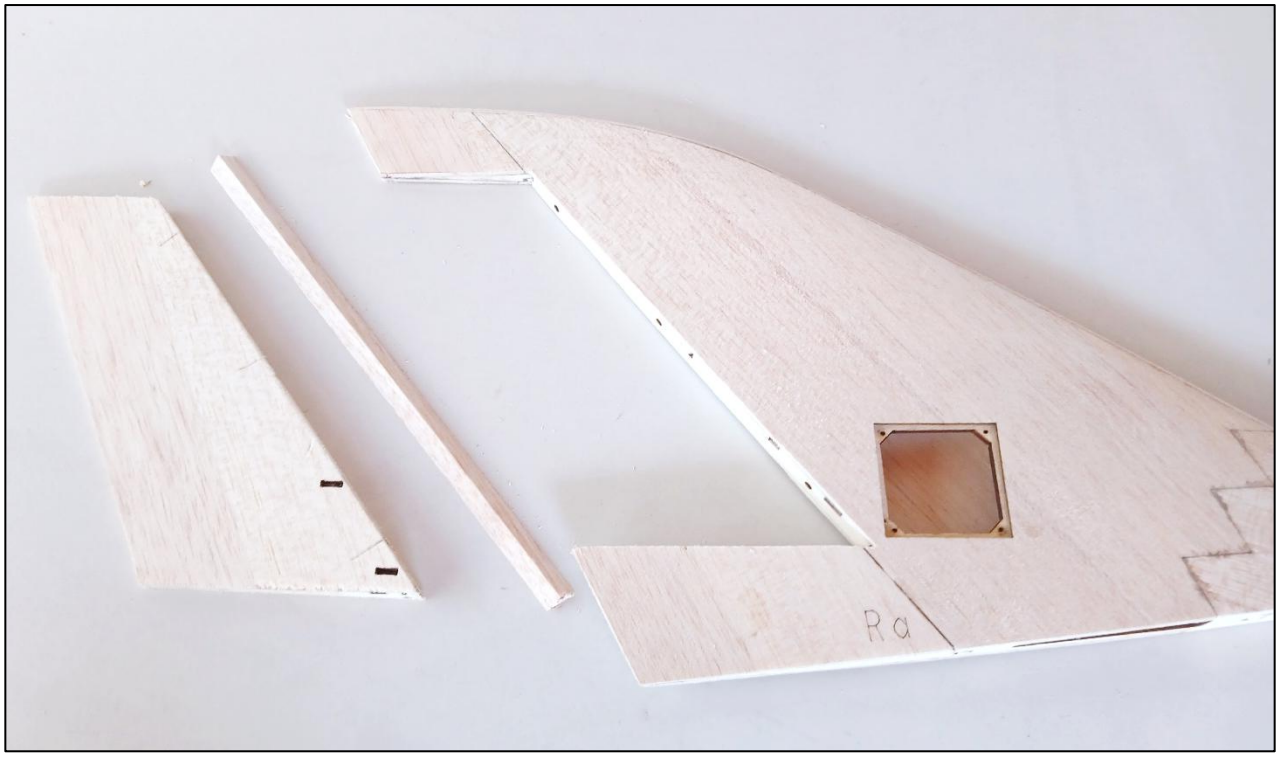




flip the rudder and remove the support legs

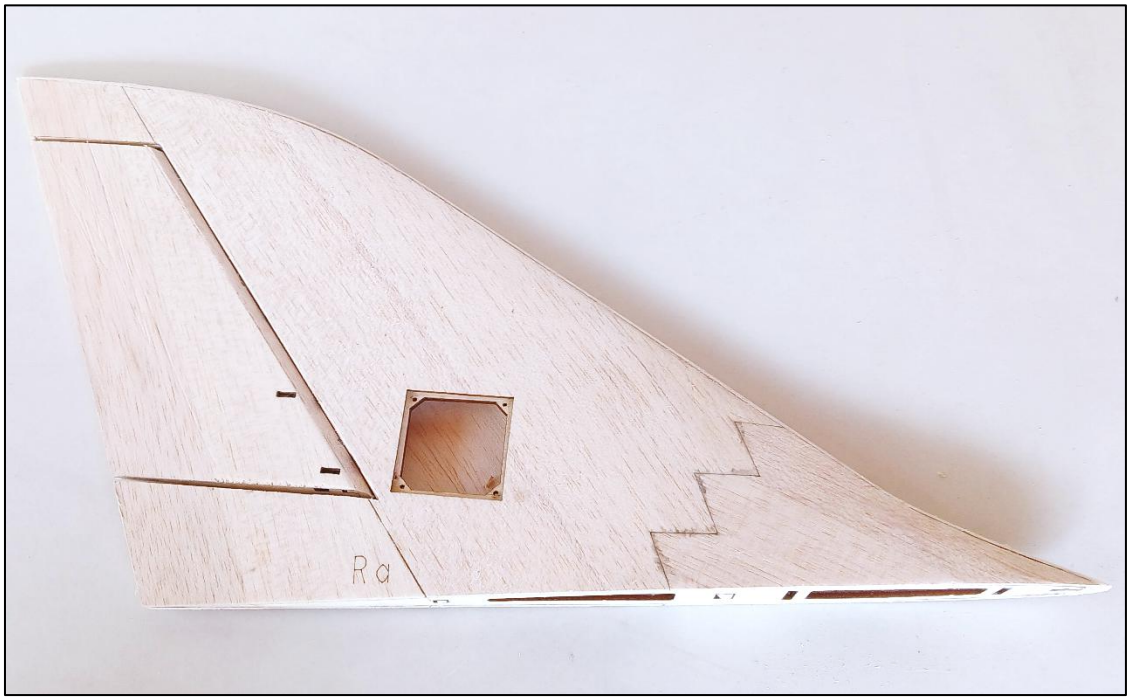
glue the balsa blocks for hinge stabilization, before closing the wing

use balsa leftovers for closing the leading edge



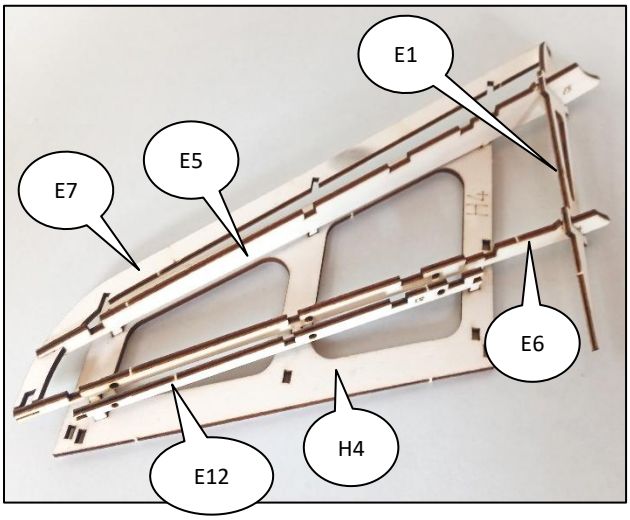
cut out the control surface and sand the edges

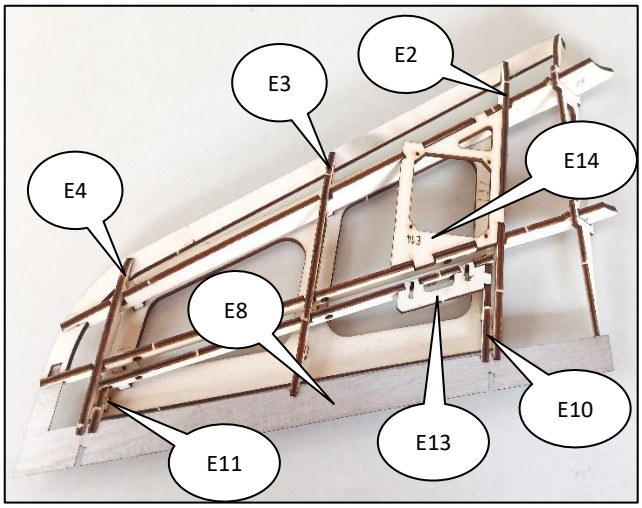
gluei the triangular balsa strip

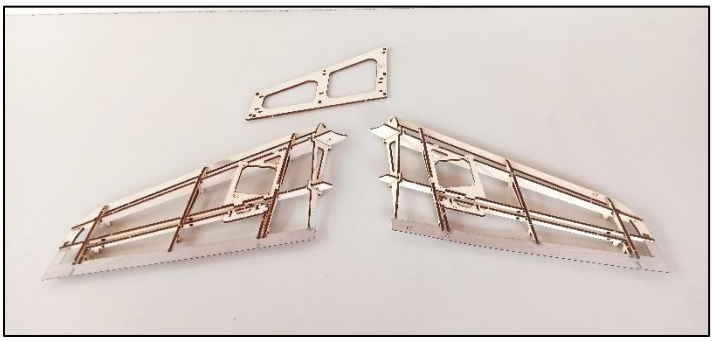


use a 3mm drill and fit in the hinges

Elevators





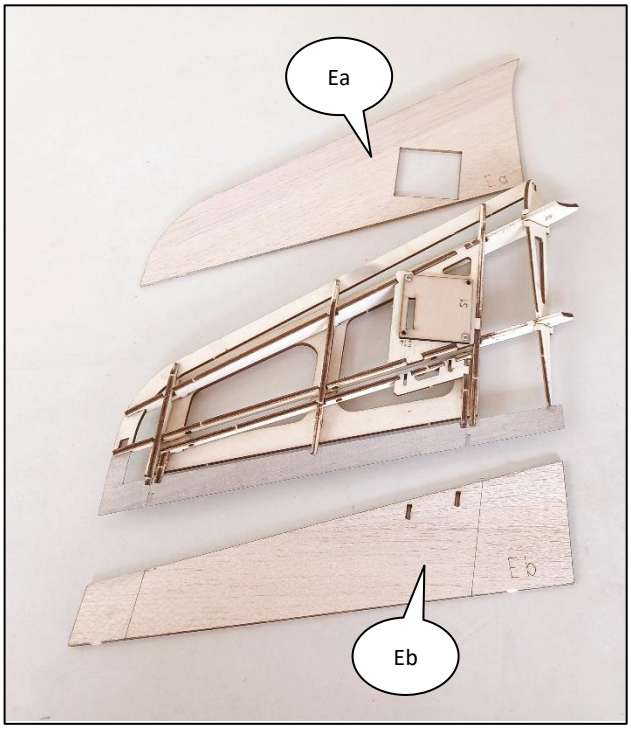


make sure to build the second wing mirrored

only one mounting jig supplied

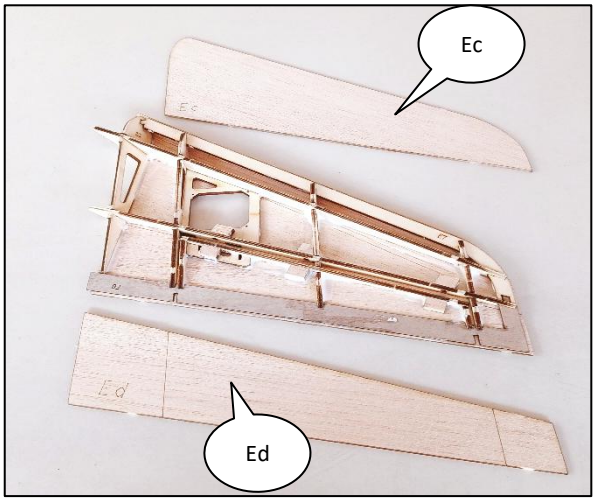
mount servo cover to guide the balsa sheets

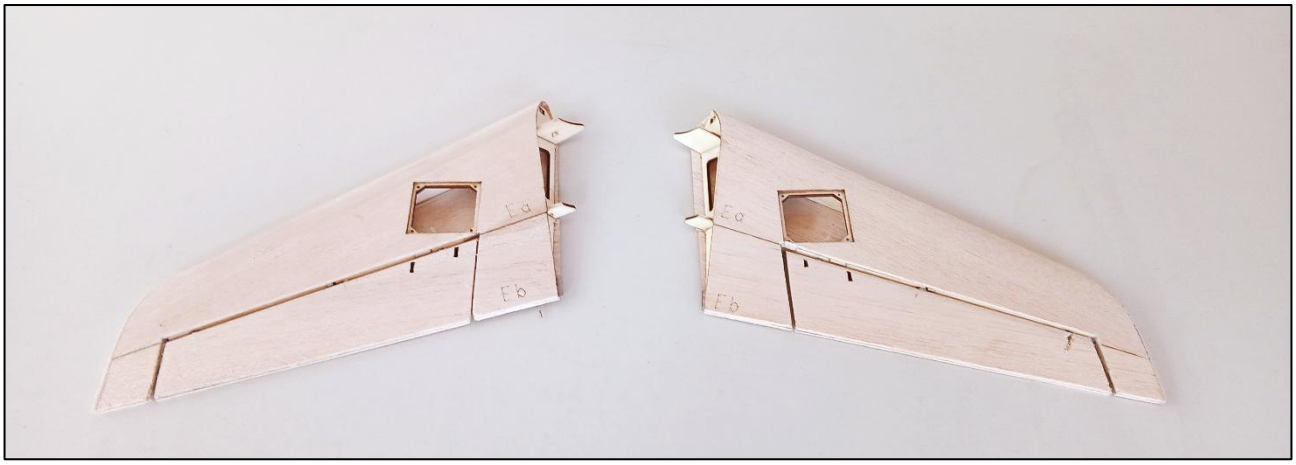
cut of the marked supports



flip the wing and remove the support legs

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

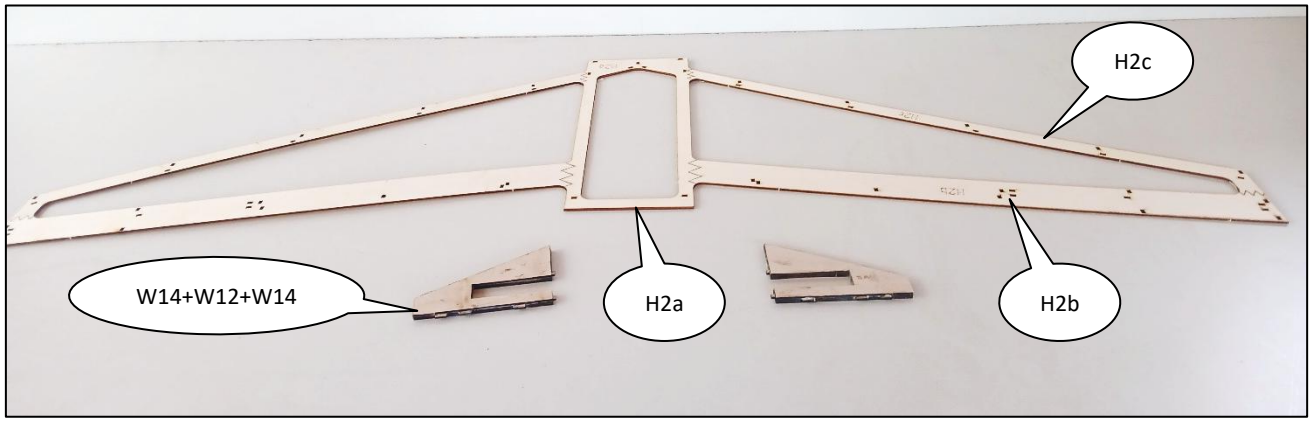




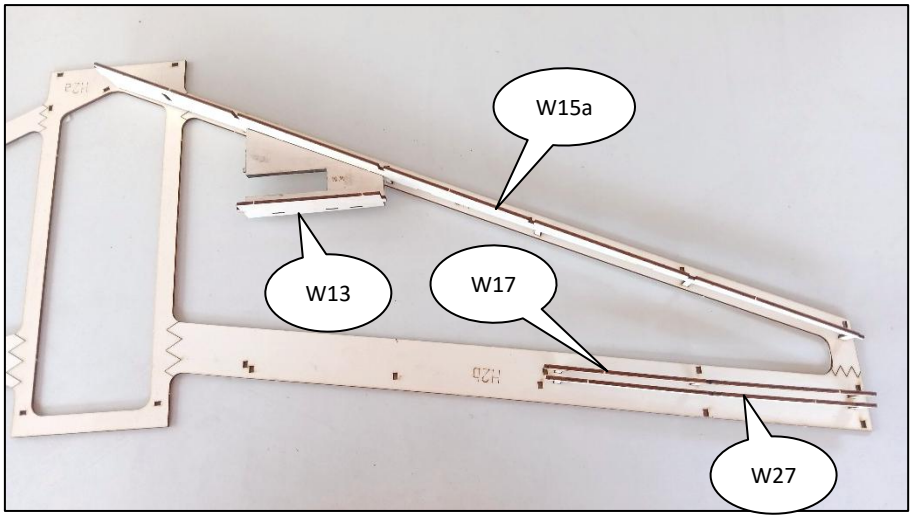
use balsa leftovers for closing the leading edge

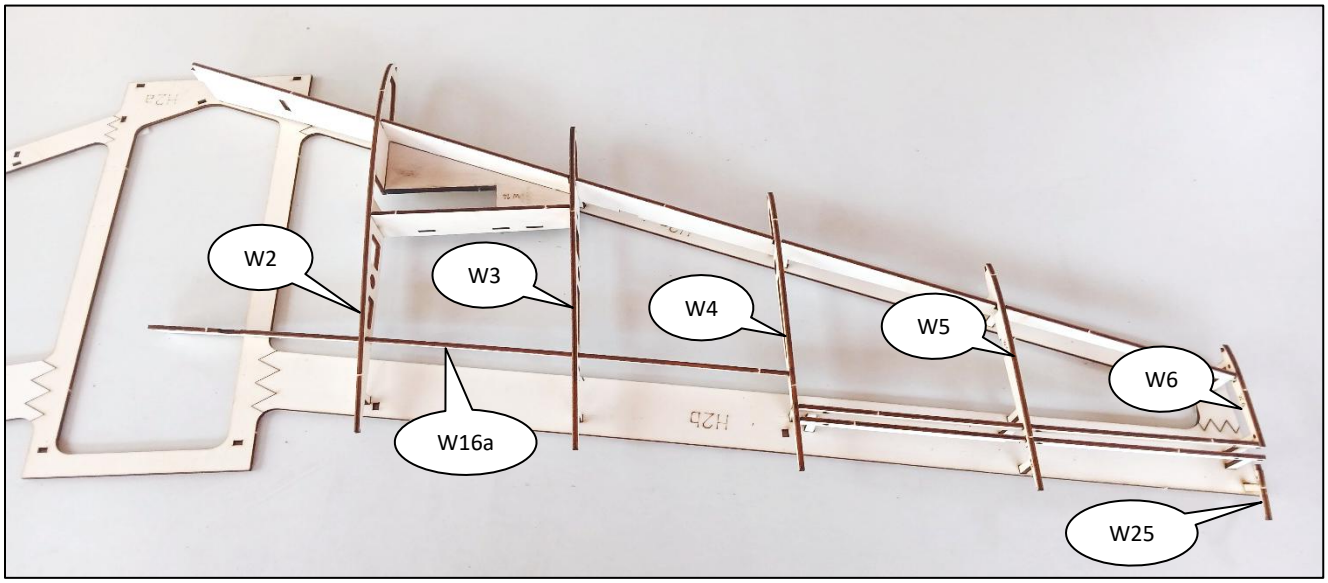
cut out the control surfaces and fit in the hinges like depicted on the rudder.

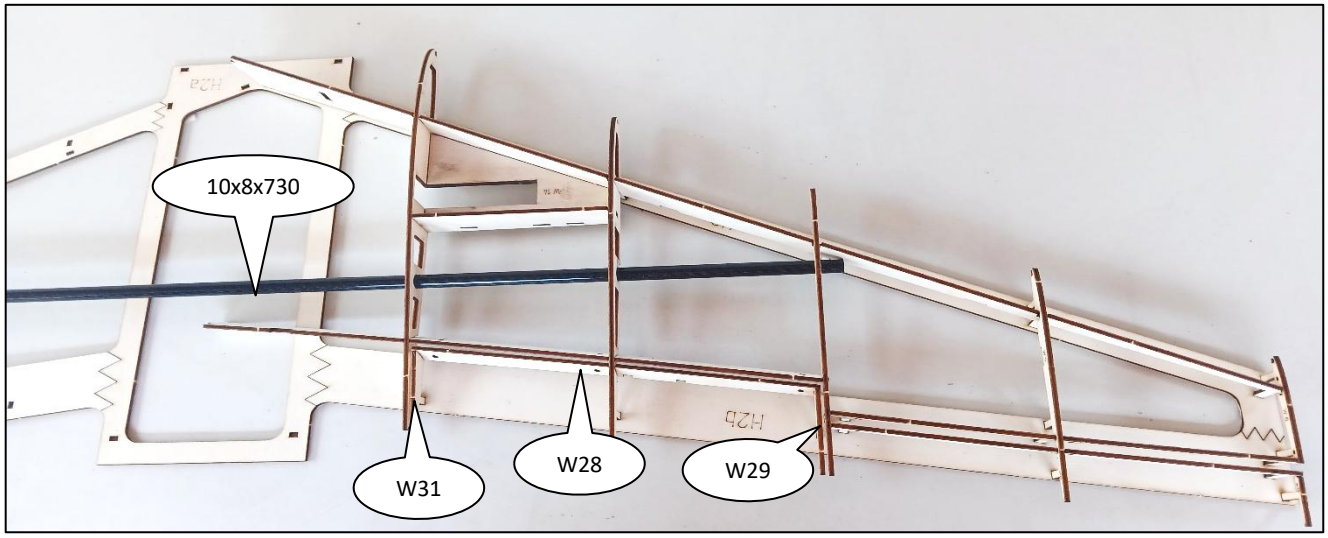
Mainwing

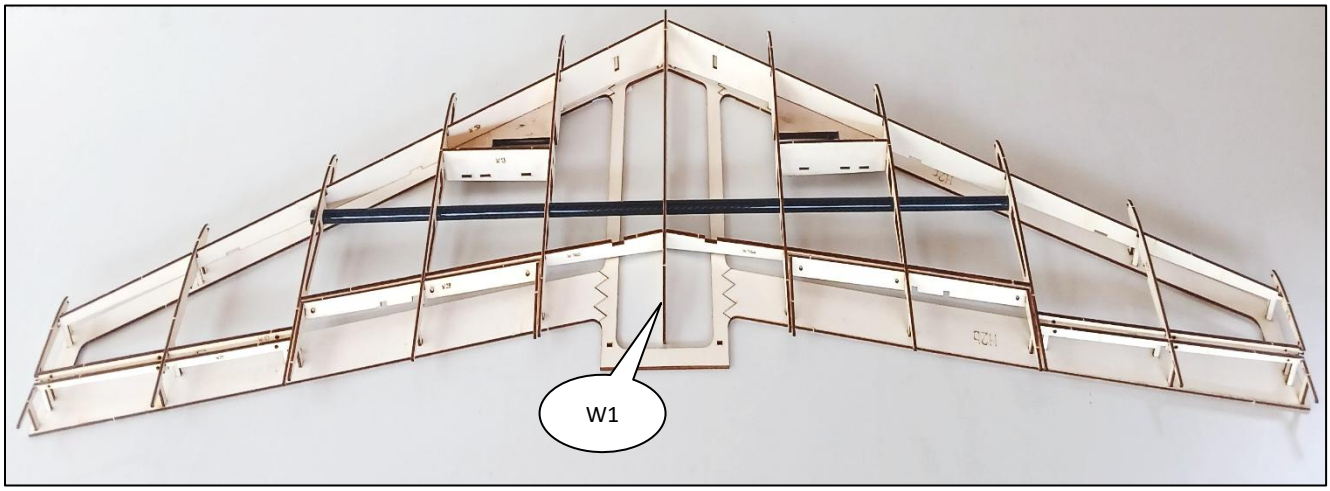


glue W12 in the middle of the stack

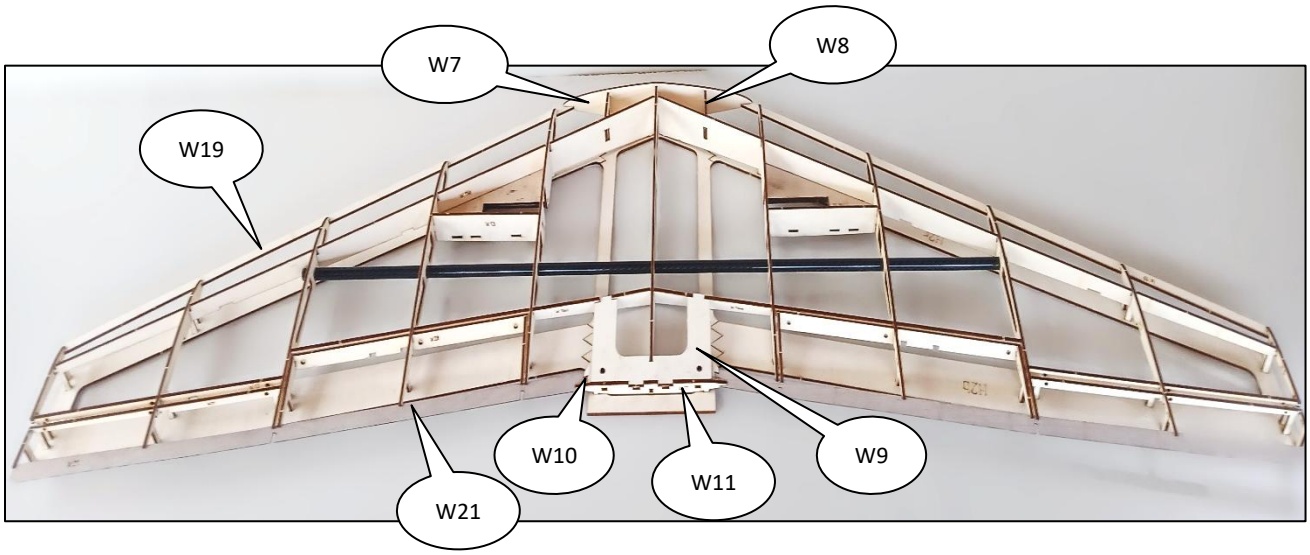




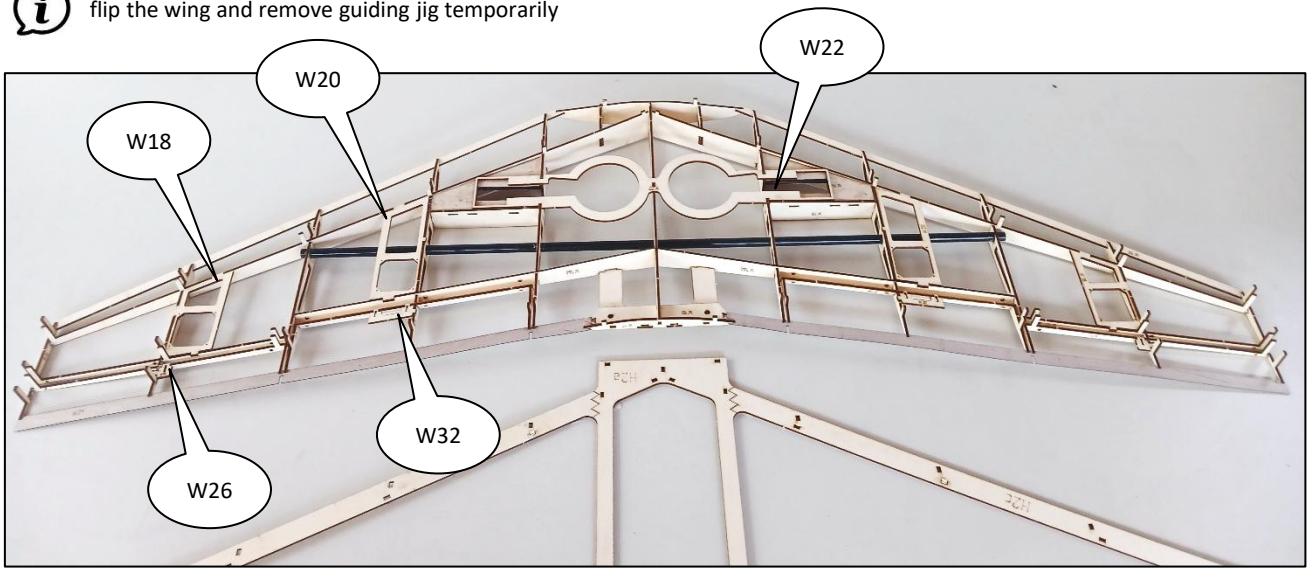




mirror the wing assembly



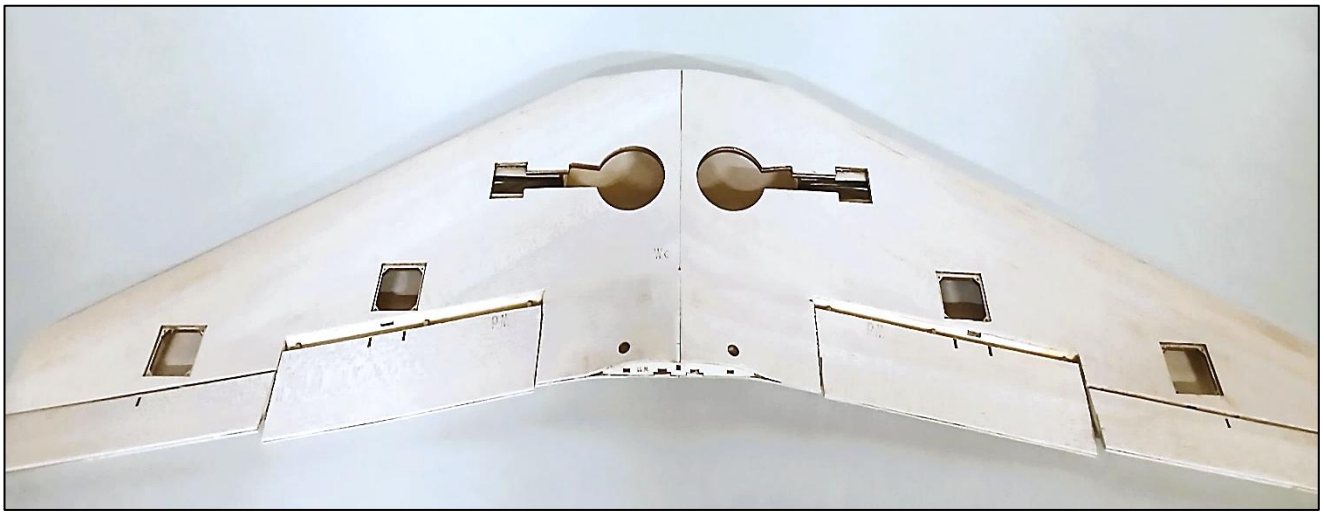
flip the wing and remove guiding jig temporarily



flip the wing and remove the support legs

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

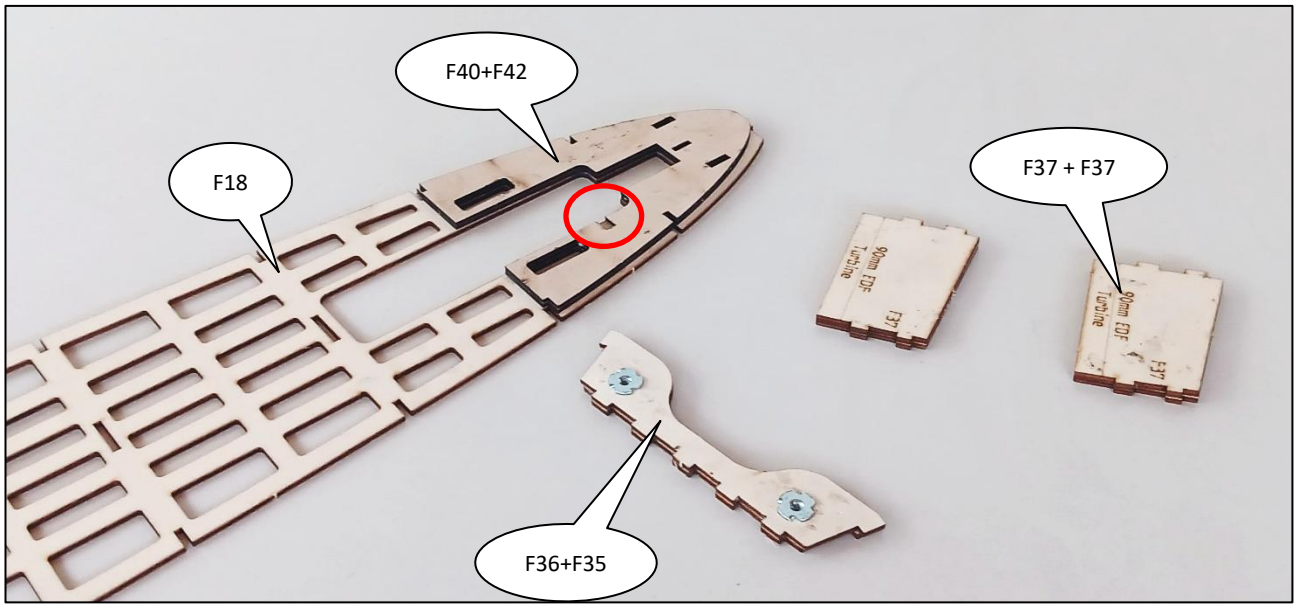
mount servo cover to guide the balsa sheets



use balsa leftovers for closing the leading edge

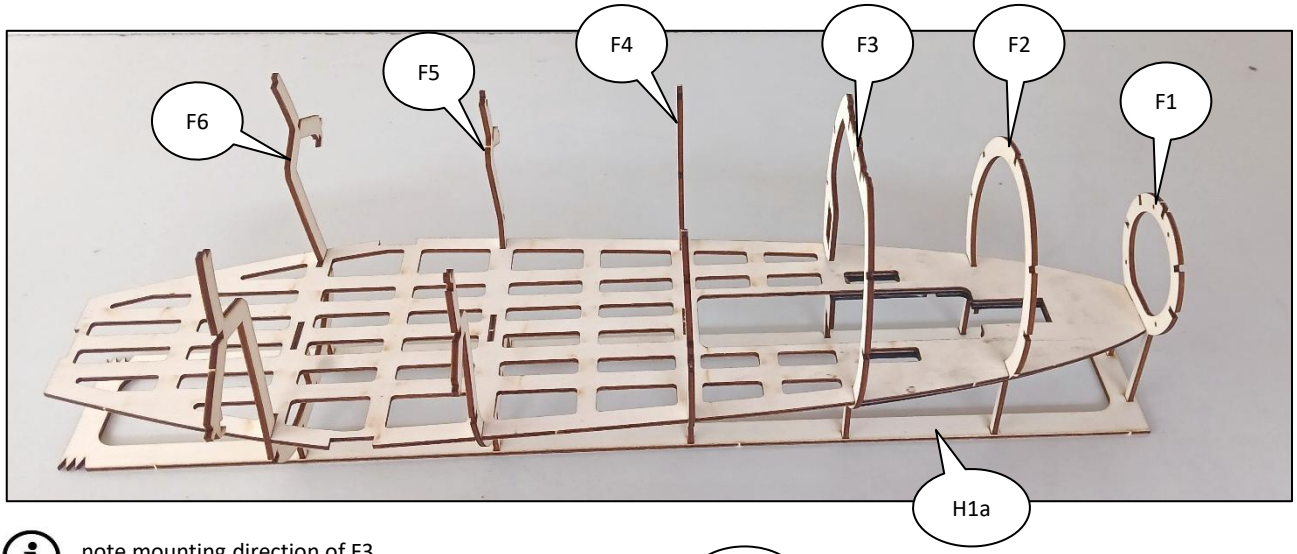
cut out the control surfaces and fit in the hinges like depicted on the rudder.

Fuselage

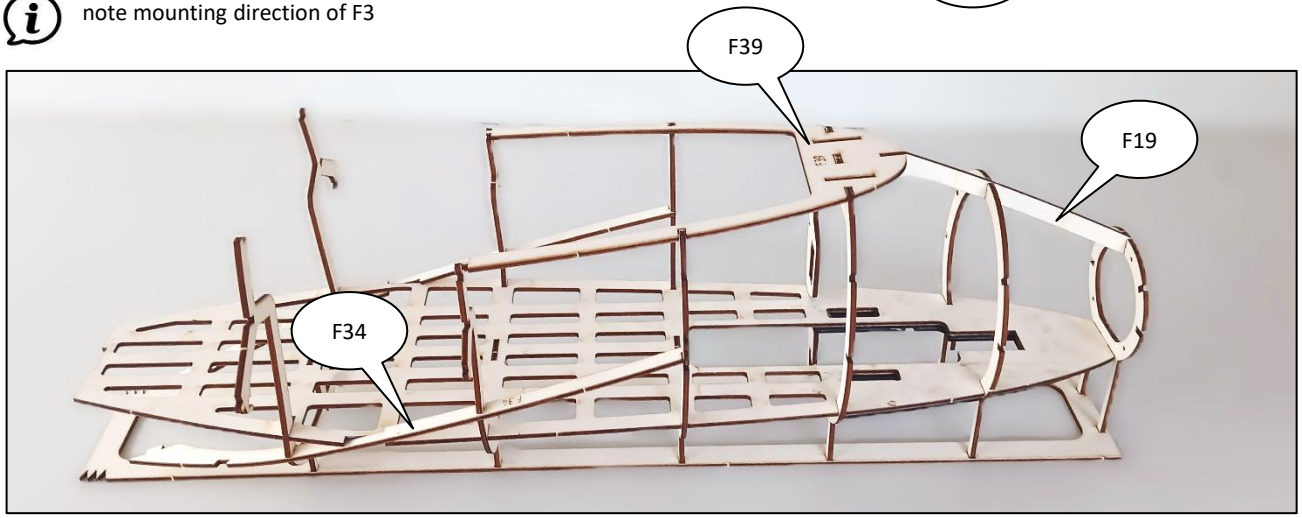


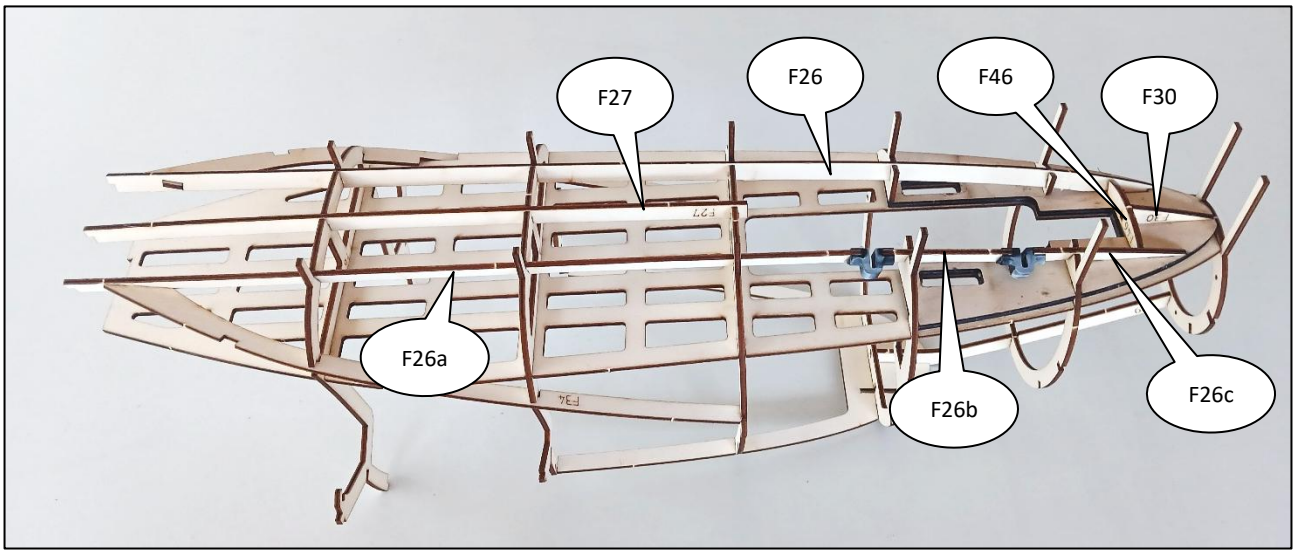
note mounting direction of F42

M4 drive-in nuts facing into F36



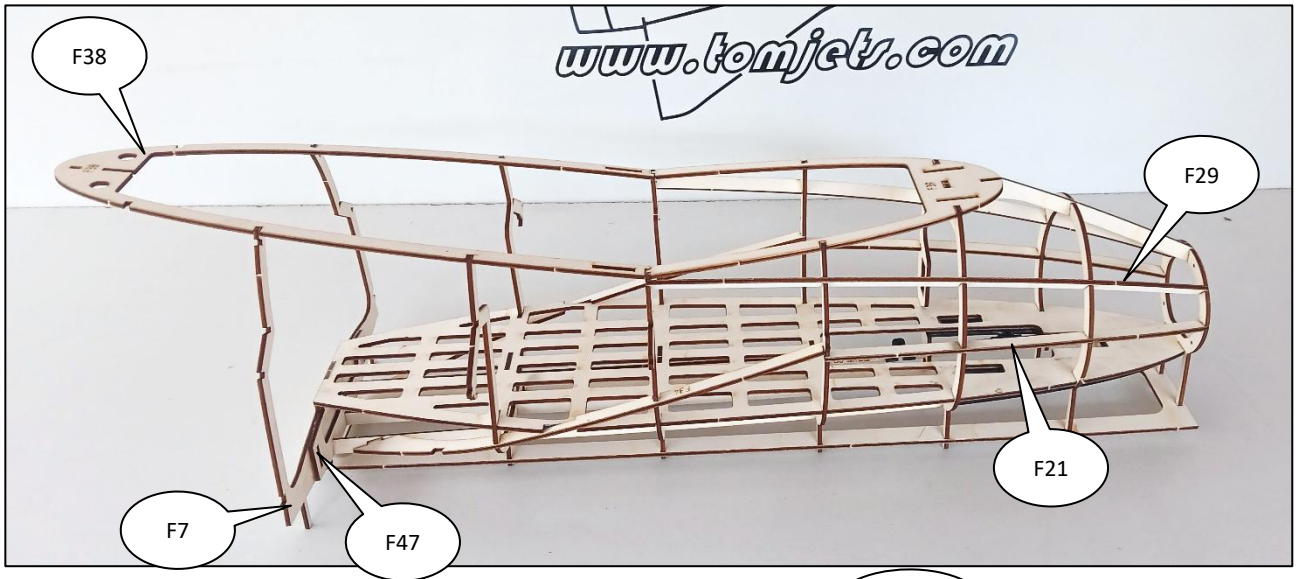
note mounting direction of F3

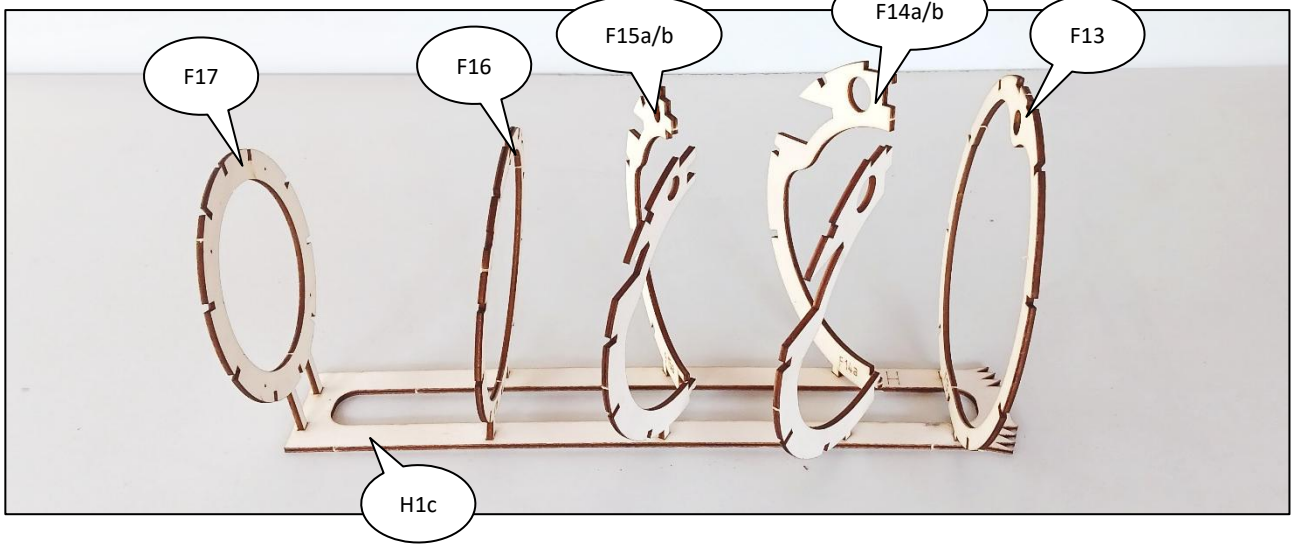


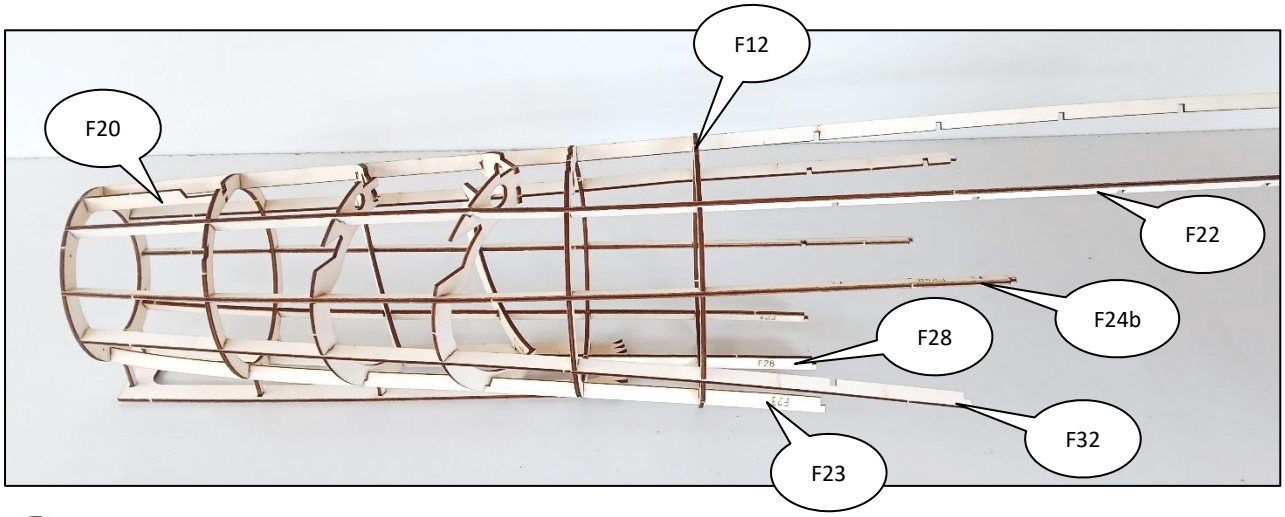


flip fuselage and remove guiding jig temporarily

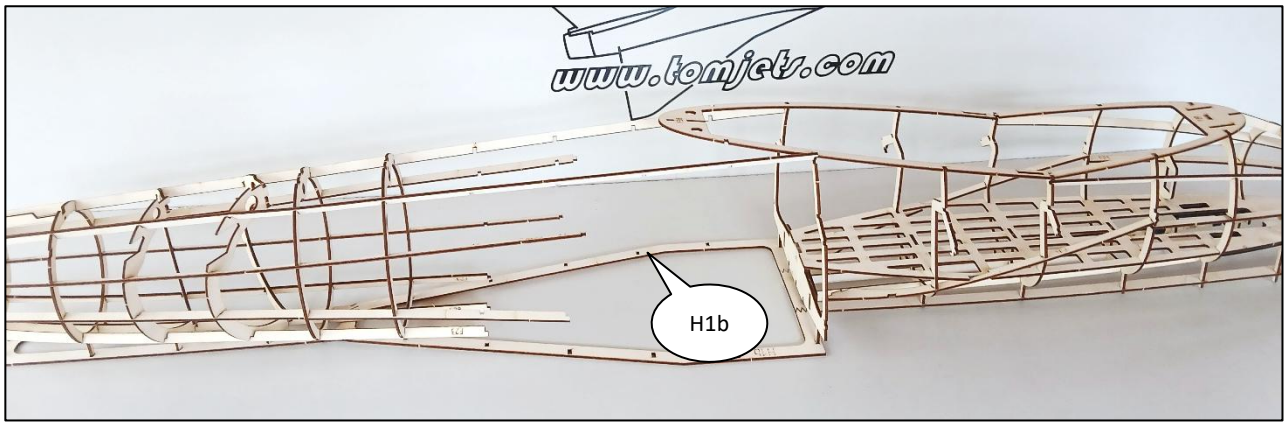
assemble 3D printed gear door hinge blocks

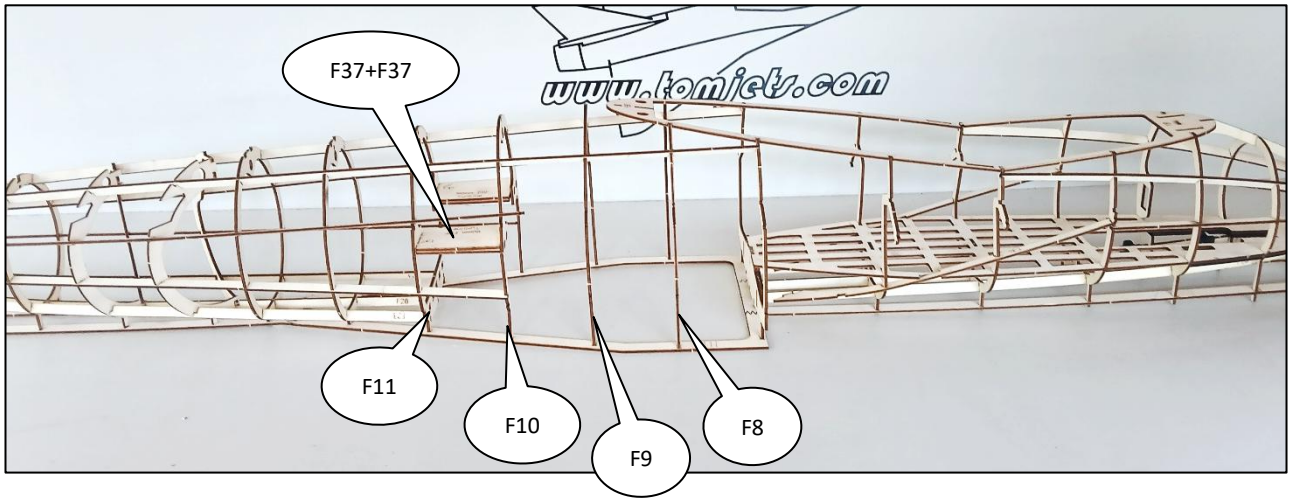


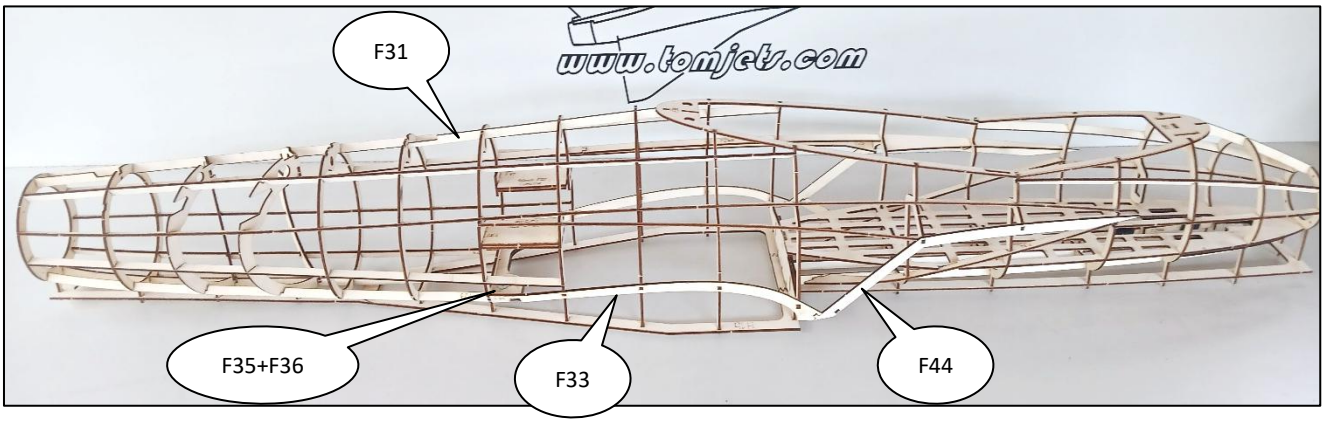


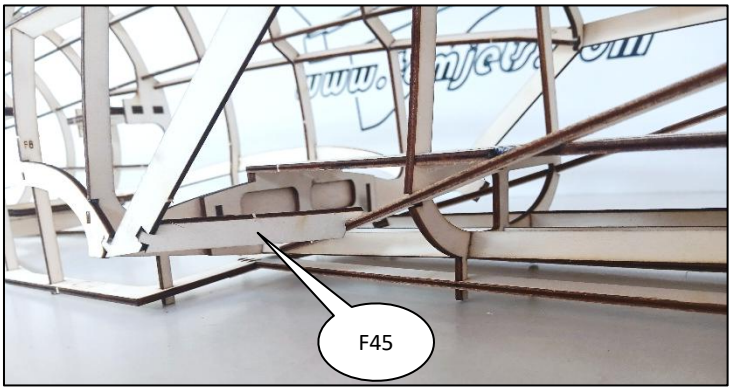


flip fuselage and remove guiding jig temporarily

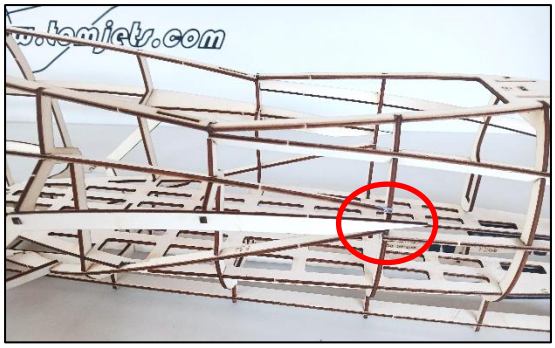


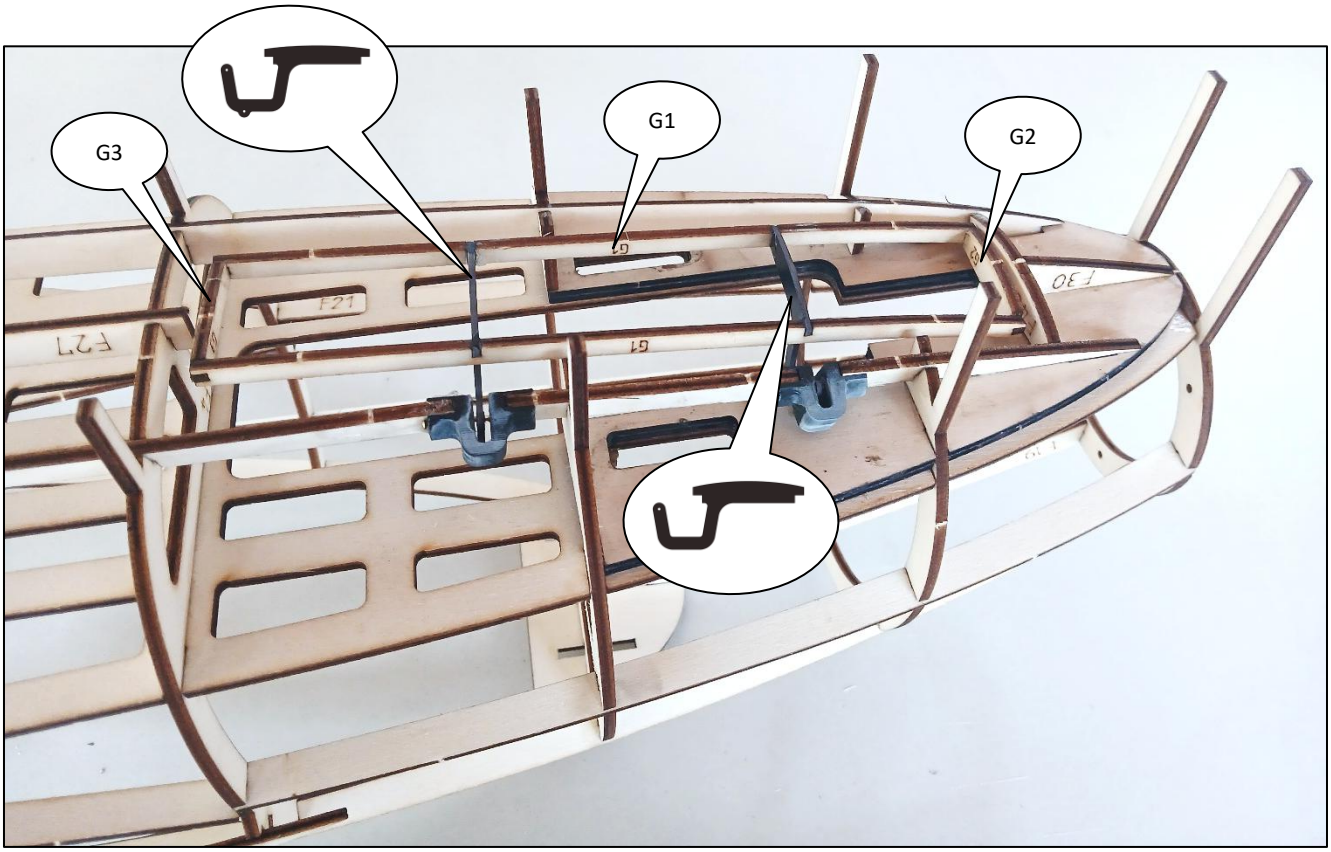


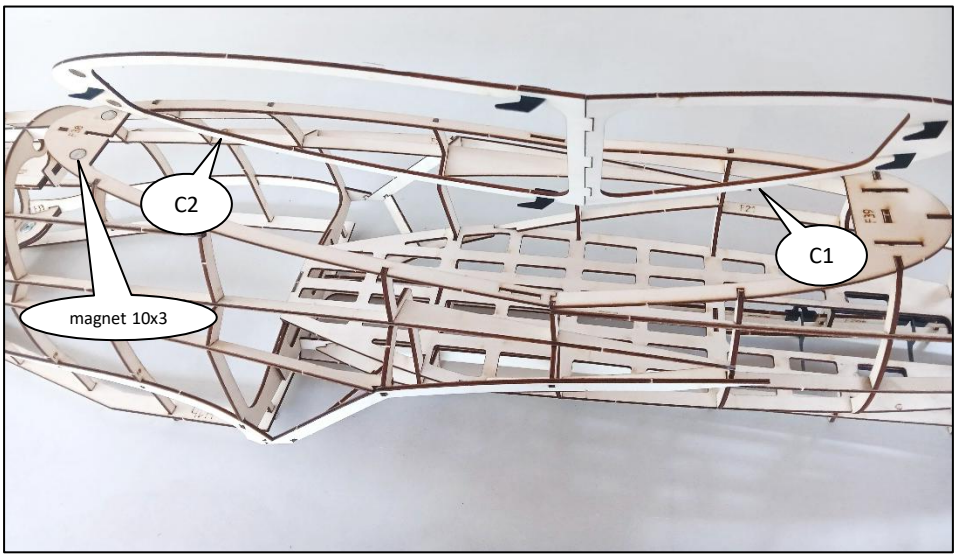




do not yet bond F44 in the marked area

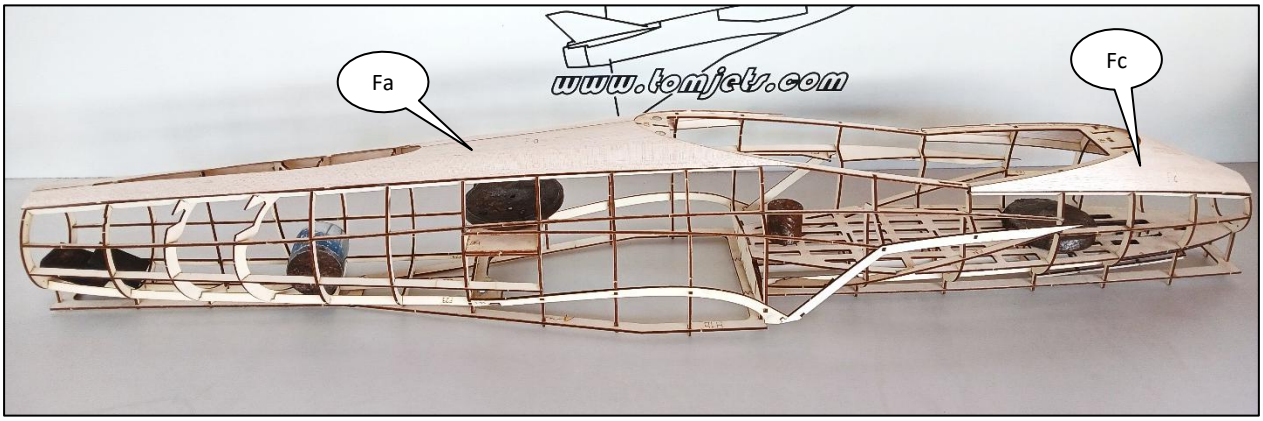


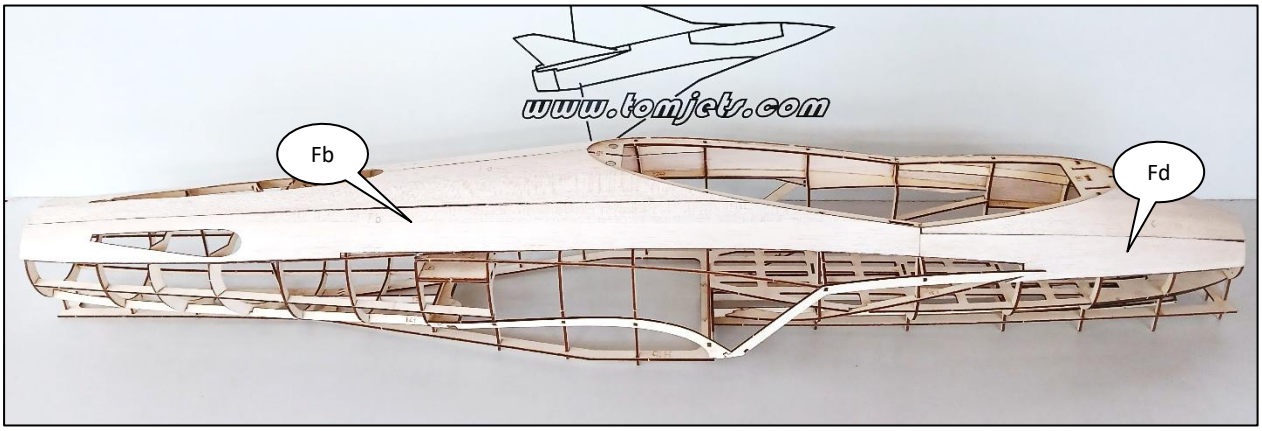


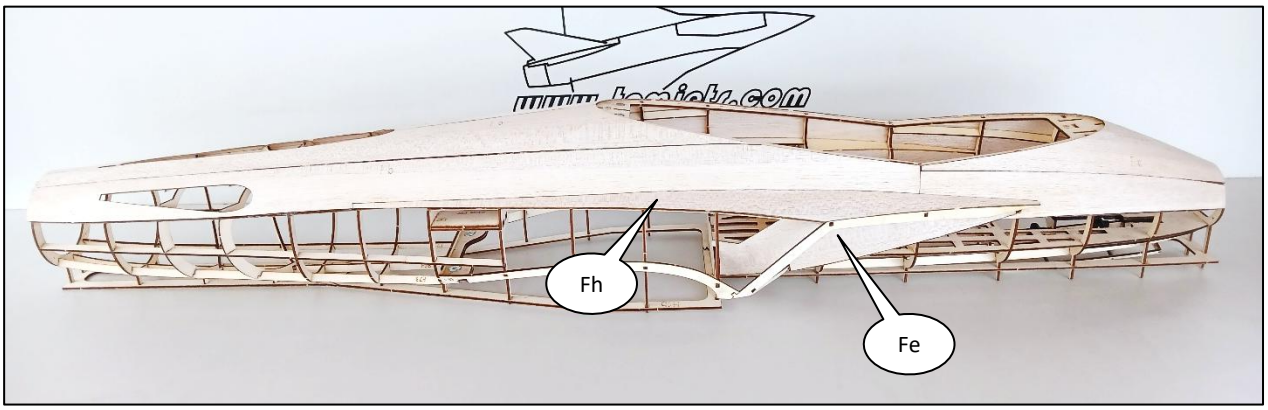


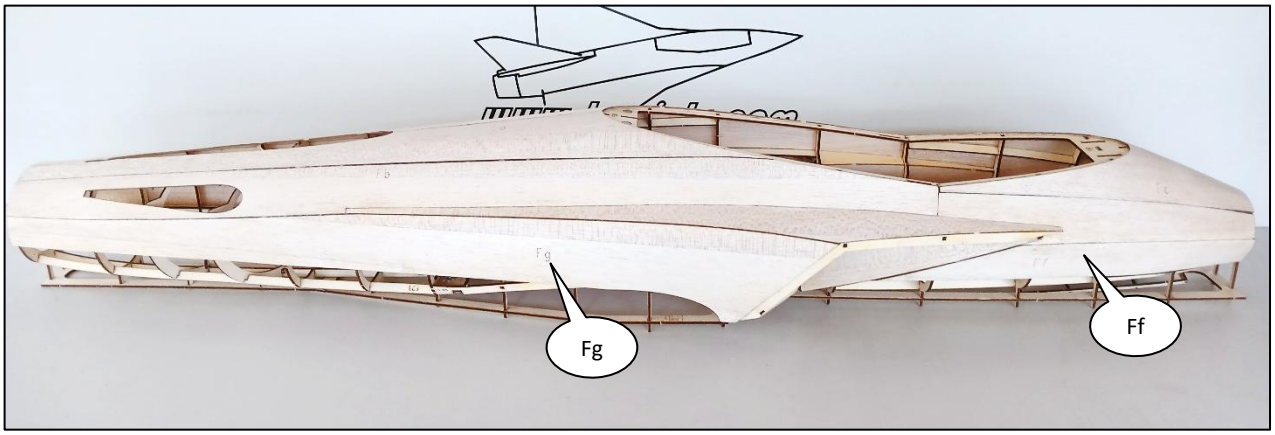
note mounting direction of the canopy locking hooks

use weights for alignment

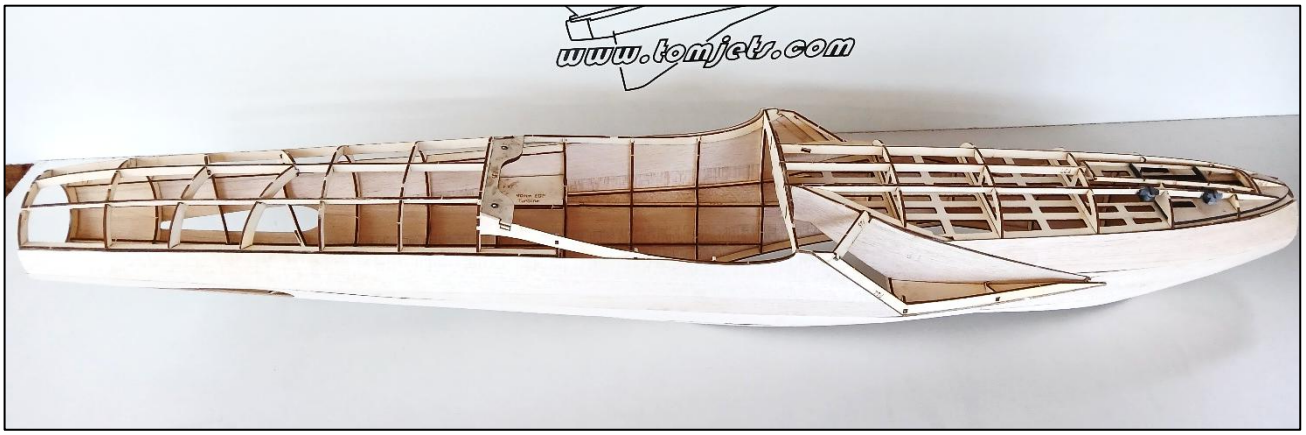




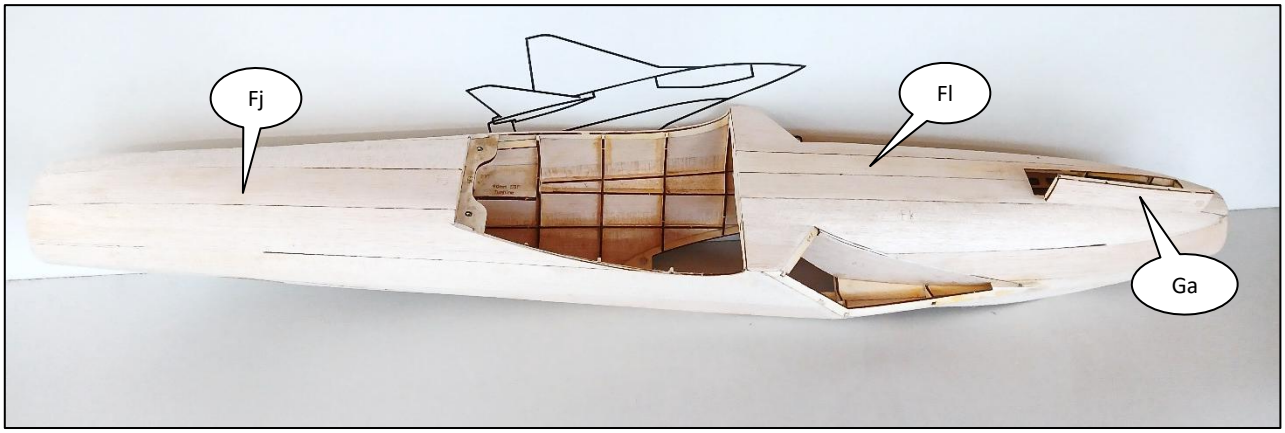




flip the fuselage and remove the support legs



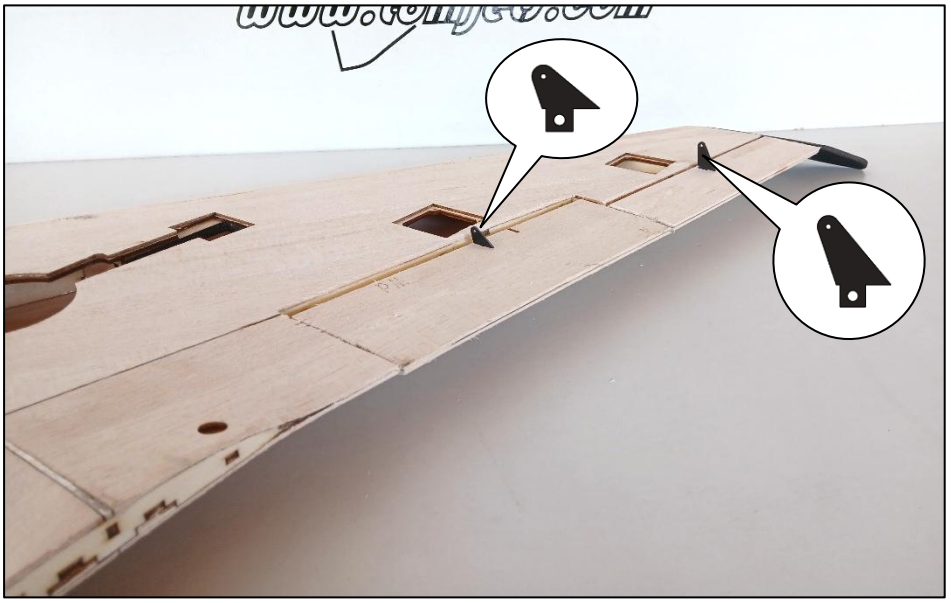
make sure to mount Fj in the right direction



fit in main wing, elevators and rudder

assembly

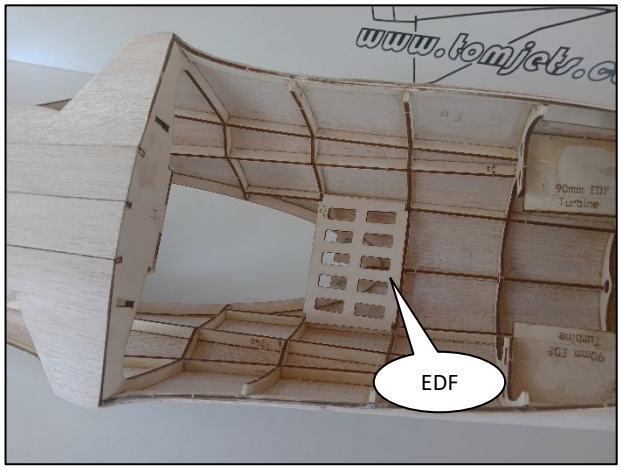
glue rudder and elevators, canopy and 3D printed parts

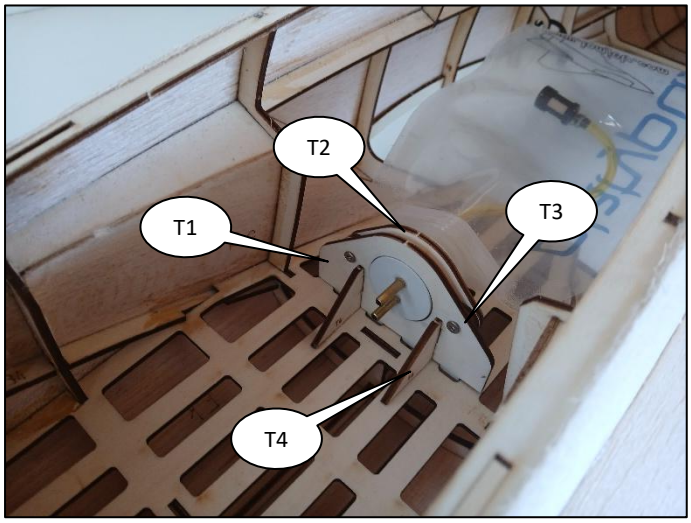


use short rudder horns for flaps

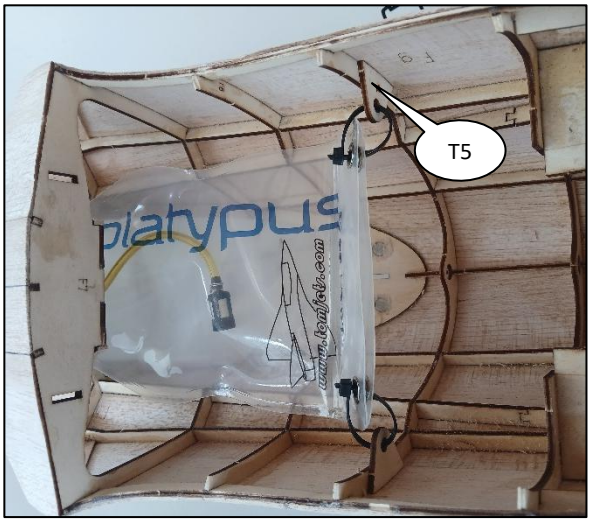
assembly

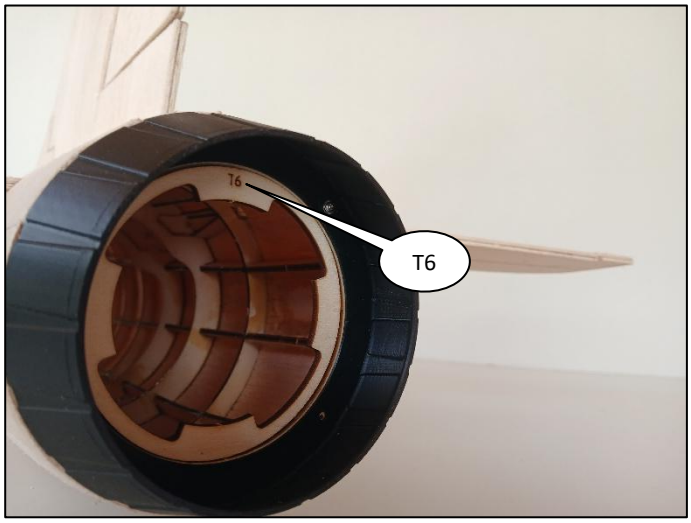
mounting board for the controller, in case of electric setup





use “T”-parts for gas turbine setup





basic settings

elevator	± 25 mm	30% expo
aileron	± 20 mm	30% expo
rudder	± 25 mm	30% expo
flaps landing	40mm	
flaps start	20mm	

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.