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 Squall70 is the most affordable introduction into the tomjets revolution of scratch building. Easy to hand launch and belly land and thus a perfect winter jet, which always fits in any trunk. The delta shape provides a wide range of speed and with the optional vector controls it guarantees a huge fun factor.

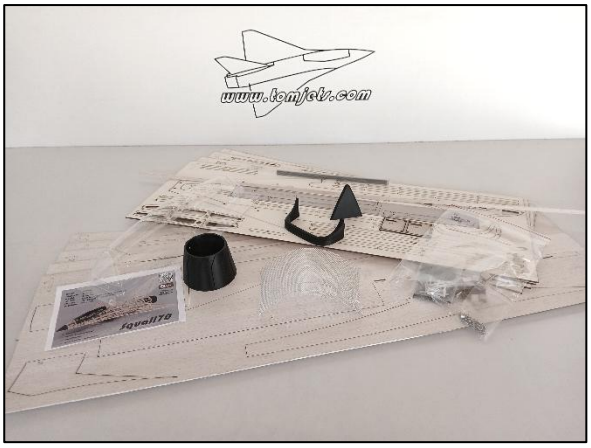
For the sake of order, it should be mentioned that it is by no means a toy and that careful construction and flight are required. The responsibility for ensuring safety is entirely with the builder or pilot.

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.

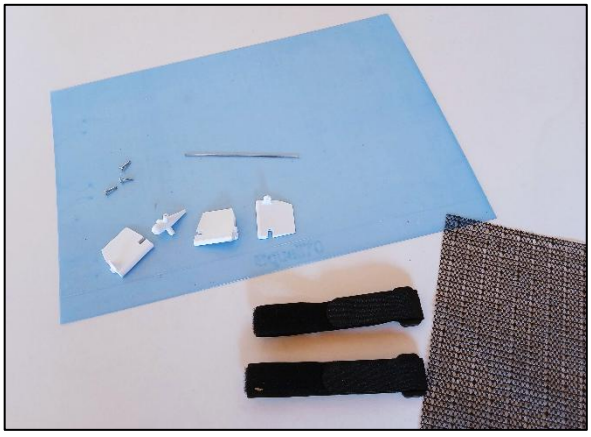
Squall70 jet kit

description	comment	pcs.
poplar plywood 3mm	plate 1-4	1
balsa sheets 2mm	plate 1-5	1
fiberglass parts 1,5mm	control horns, canopy latch,...	1
aircraft plywood 0,4mm	trailing edges	1
birch plywood 2mm	servo covers	1
canopy	0,5mm PET-A	1
wing spar	CFRP 10x8x270	1
nozzle	3D print ABS	1
nose cone	3D print ABS	1
airintake	3D print ABS	1
canopy lock	neodymium magnet D10x3	2
rudder hinges	D2.5xL43xW10mm	8
balsa blocks	for hinge bonding	16
flat headed screw M2,2x10	for servo covers and 3D parts	20
triangular balsa strips 8mm	for controll surface chamfers	1



Squall 70 EDF vector kit

description	comment	pcs.
unwrapped thrust pipe	0,5mm PET lasercut and engraved	1
vectorblade	3D printed PLA	3
vector star	3D printed PLA	1
wire 1,5x100mm	for hinge	1
velcro 20x300 mm	for battery mount	2
anti-slip pad ca. 10x20cm	for battery mount	1
flat headed screw M2,2x10	for hinge	3



Interceptor90 decals kit

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

Squall70 servo kit

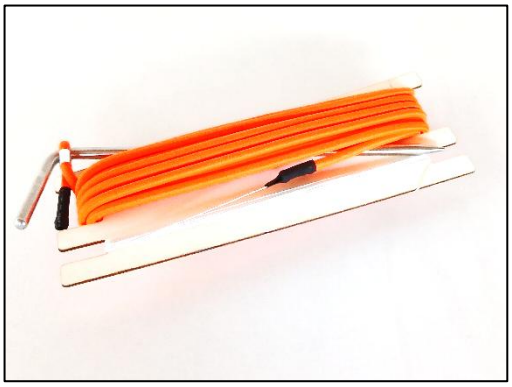
description	comment	pcs.
Chaservo DS09	for control surfaces	2
Chaservo DS06	for rudder	1
Chaservo DS06	for thrust vector (optional)	3
ball head M2 + monting screws	for control linkage	6
threaded rod M2 x 50cm	for control linkage	1
mounting blocks	5mm ply wood	6

Squall70 lightning kit

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

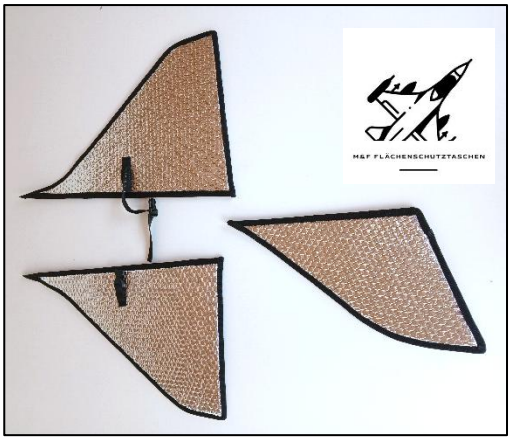
tomjets bungee launuch kit

description	comment	pcs.
20m rope (10m expander)	incl. anchor and spindle	1

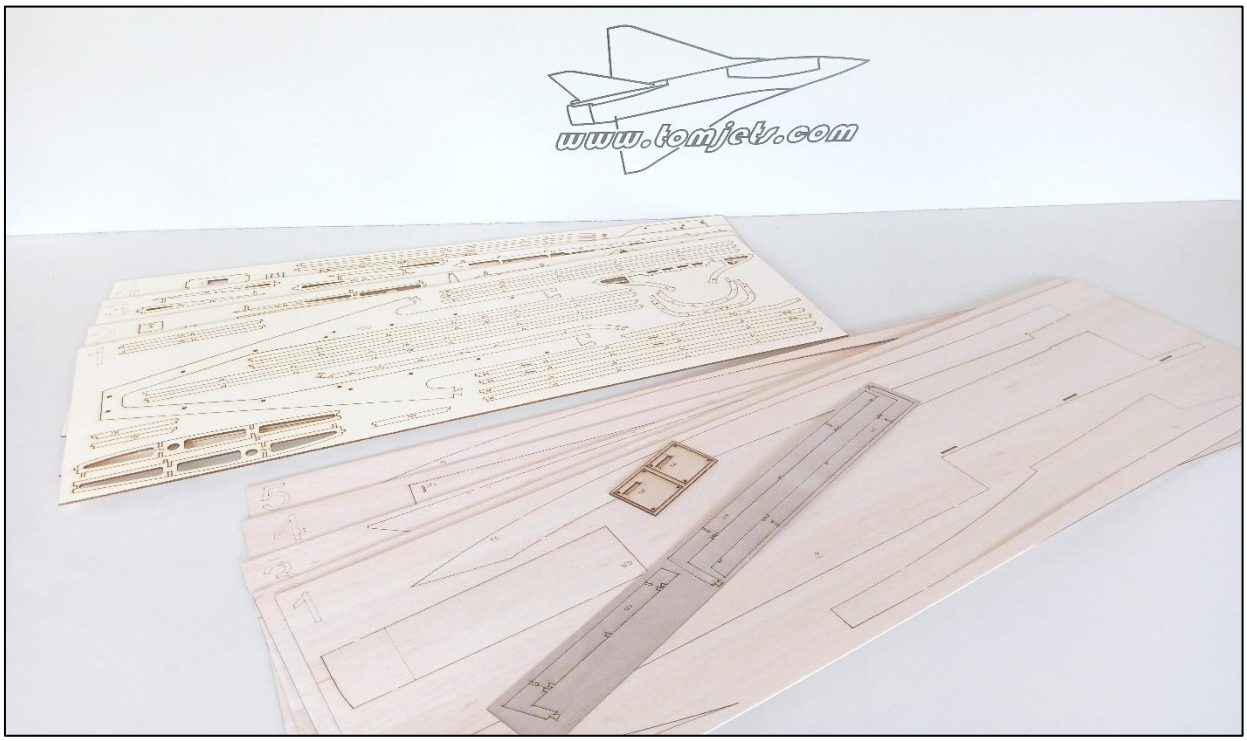


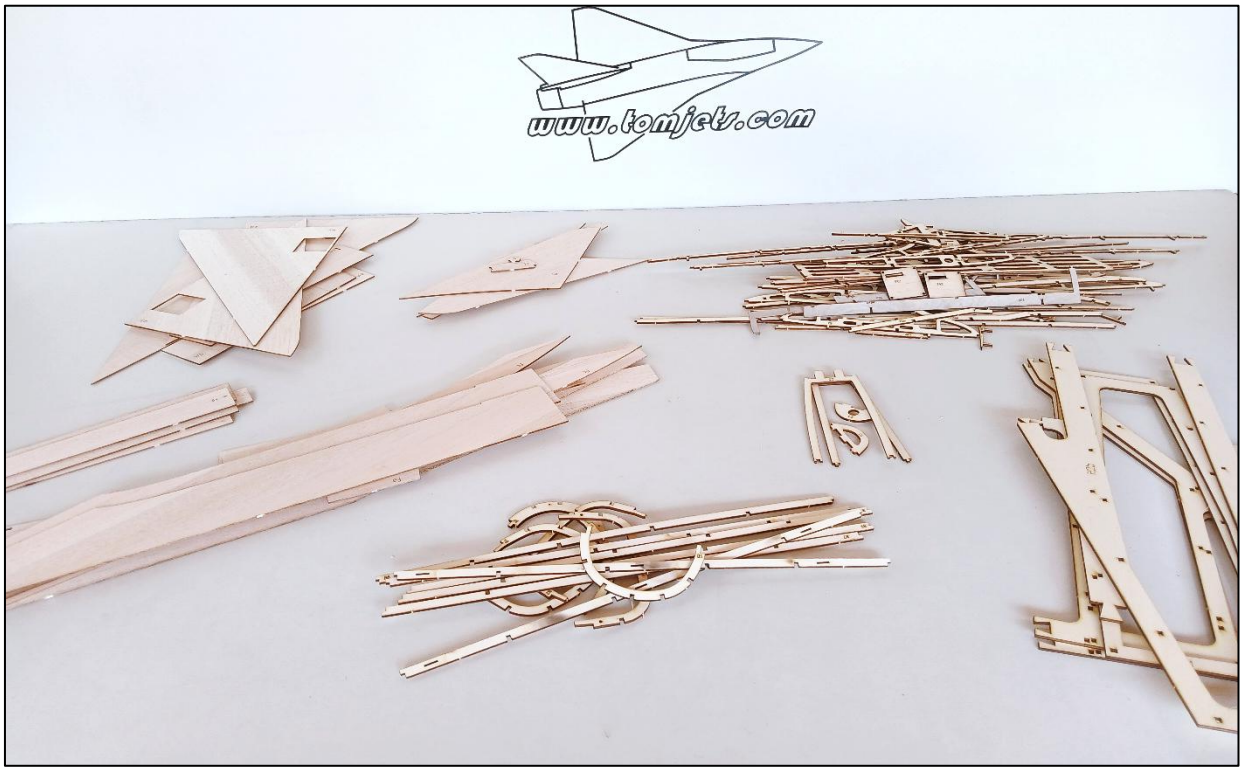
Squall70 wing bag kit

description	comment	pcs.
custom made wing bag kit. manufactured by M&F Flächenschutztaschen	robust, high-quality materials that reliably protect your wings from scratches and impacts, during transport and storage.	1



separat the wood parts

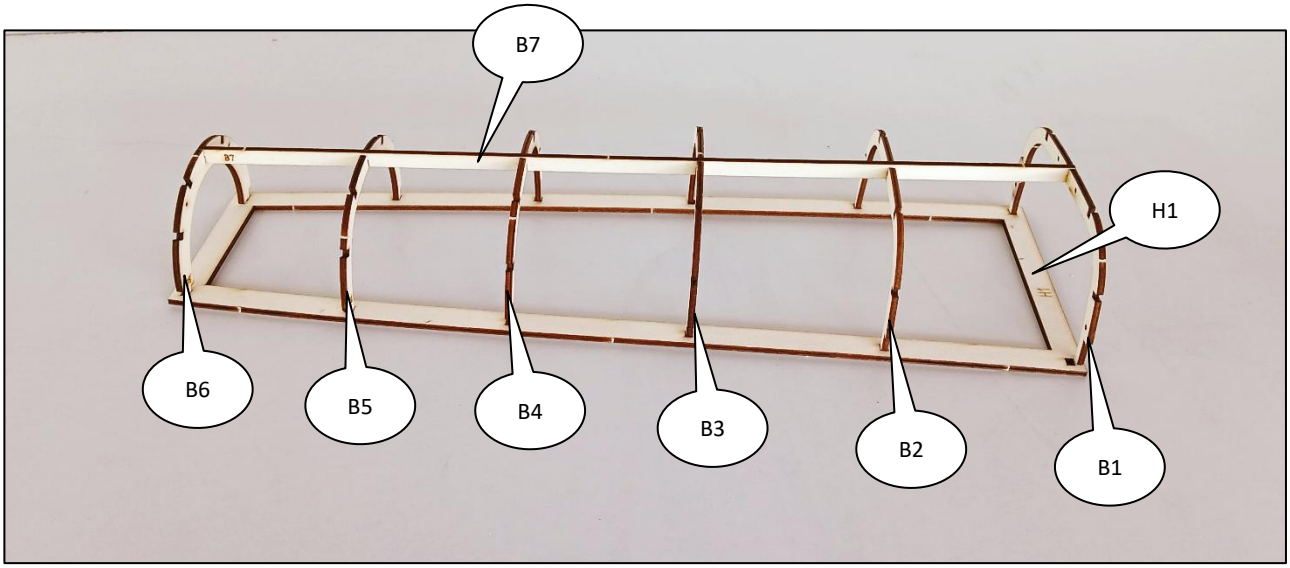


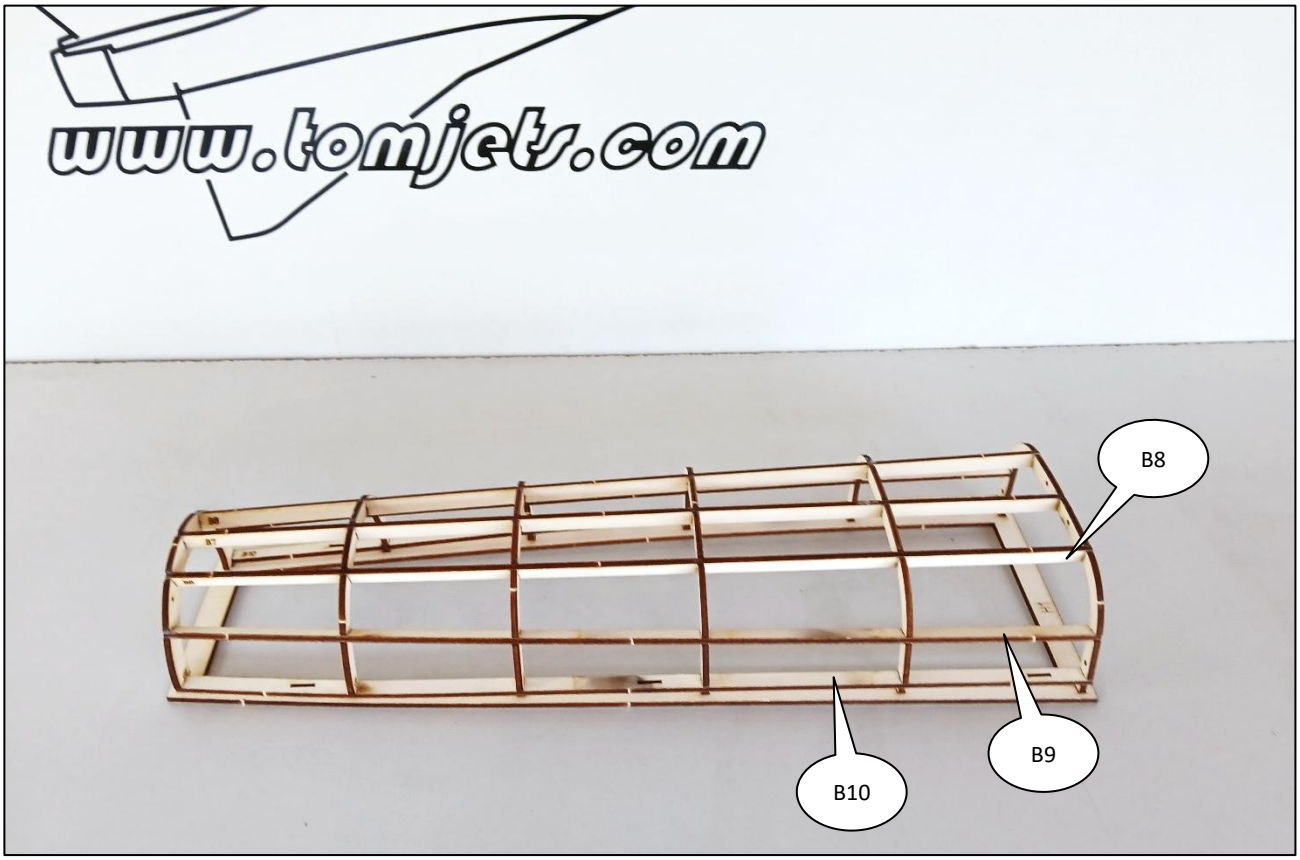


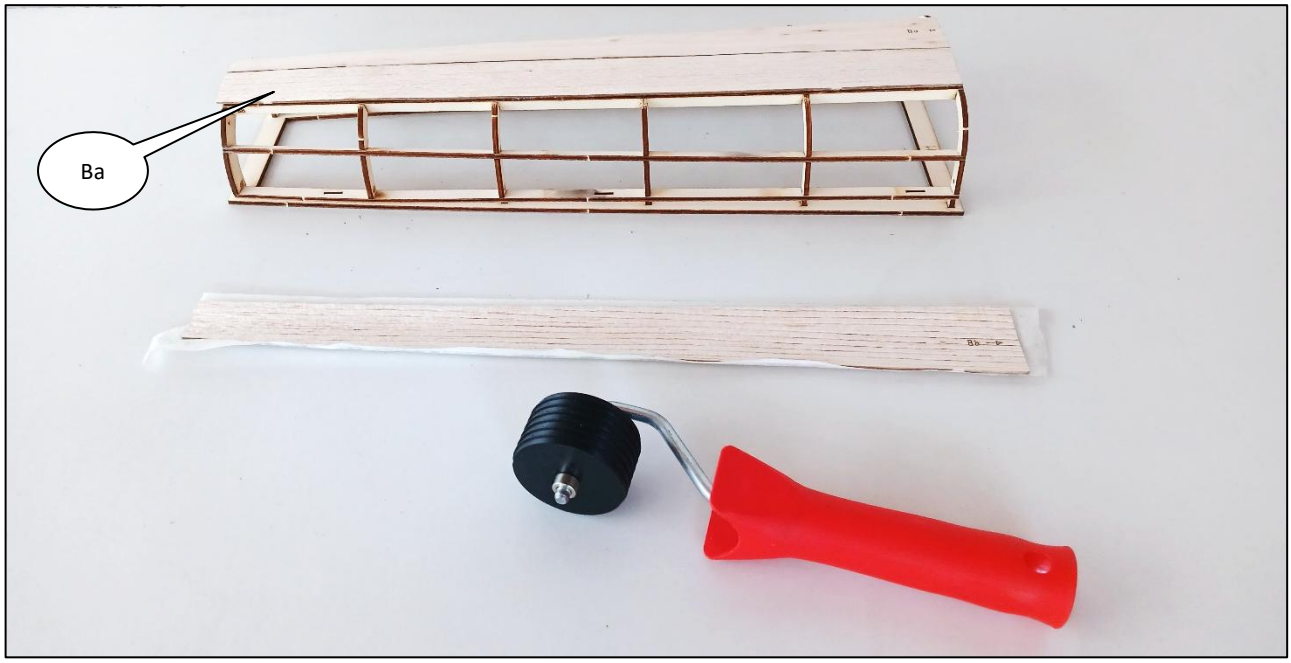
sort the parts according to the assemblies:
H=helling F=fuselage S=Servo C=canopoy B=belly cover

handle with care

belly cover



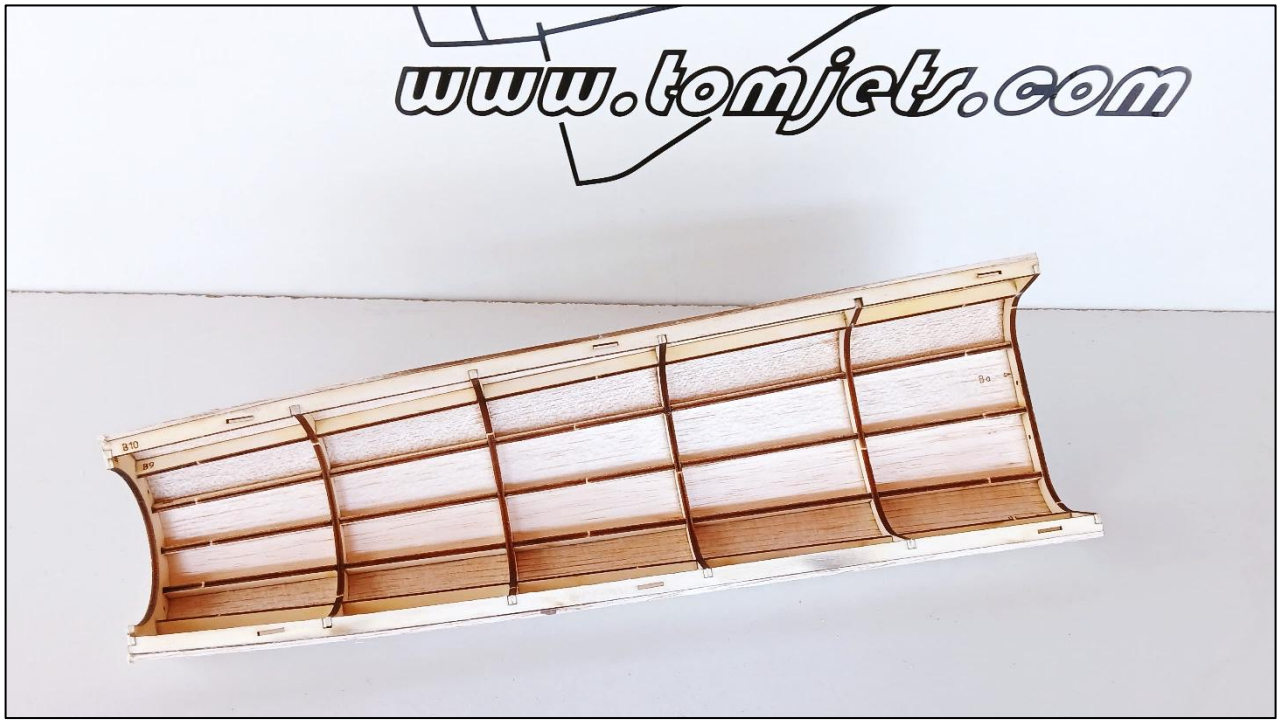


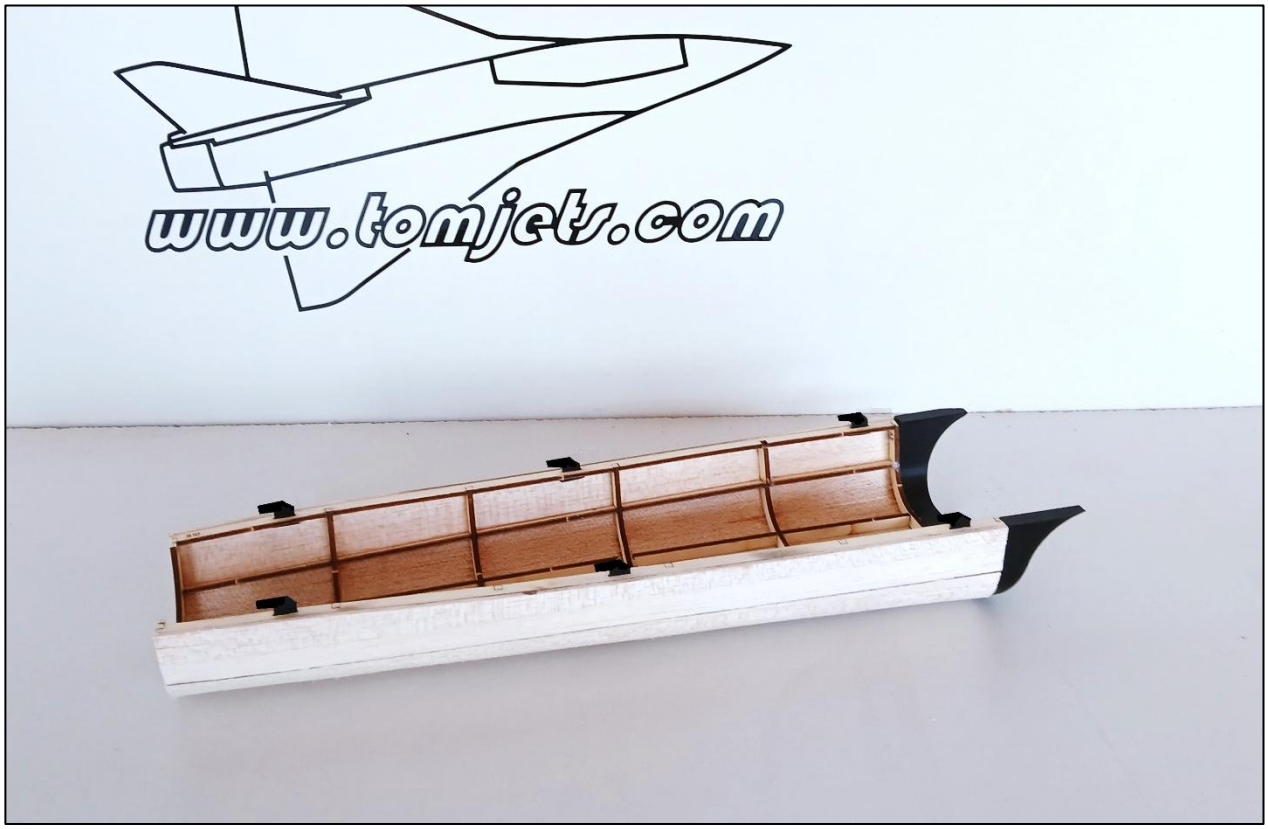


Use the tomjets balsaroller together with tape on the outer side and prebend

the arrows point to the front

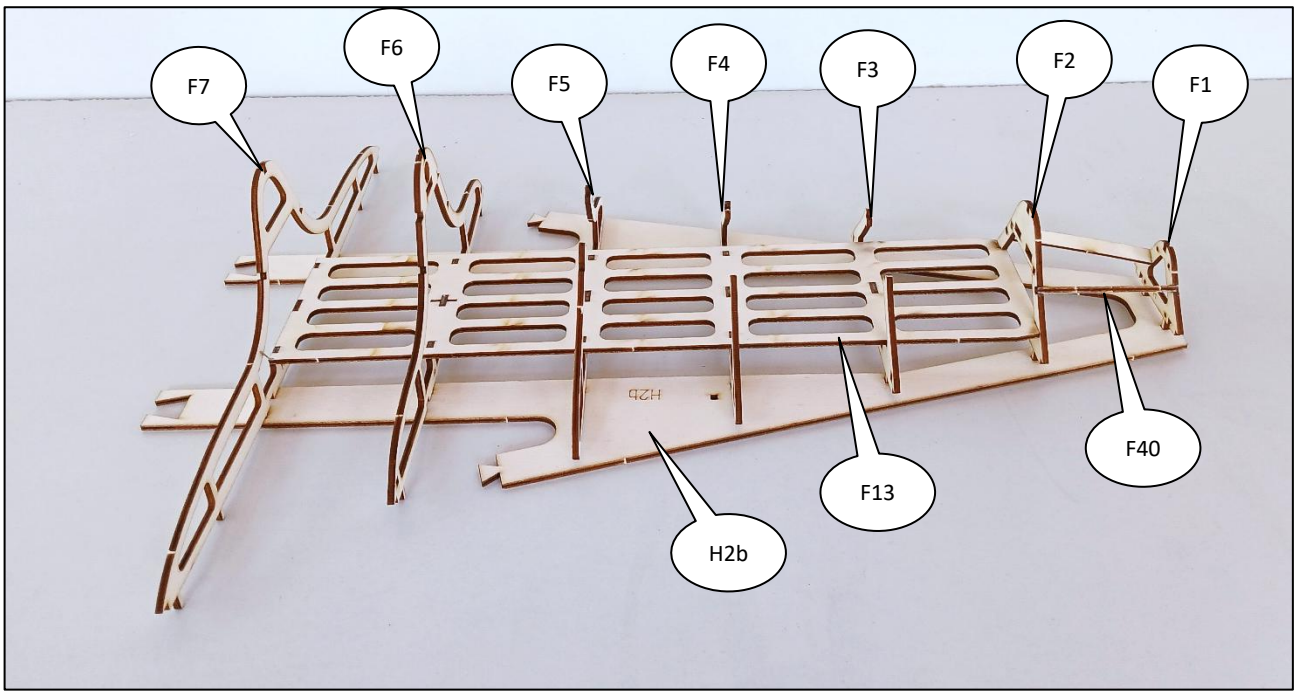
remove support legs

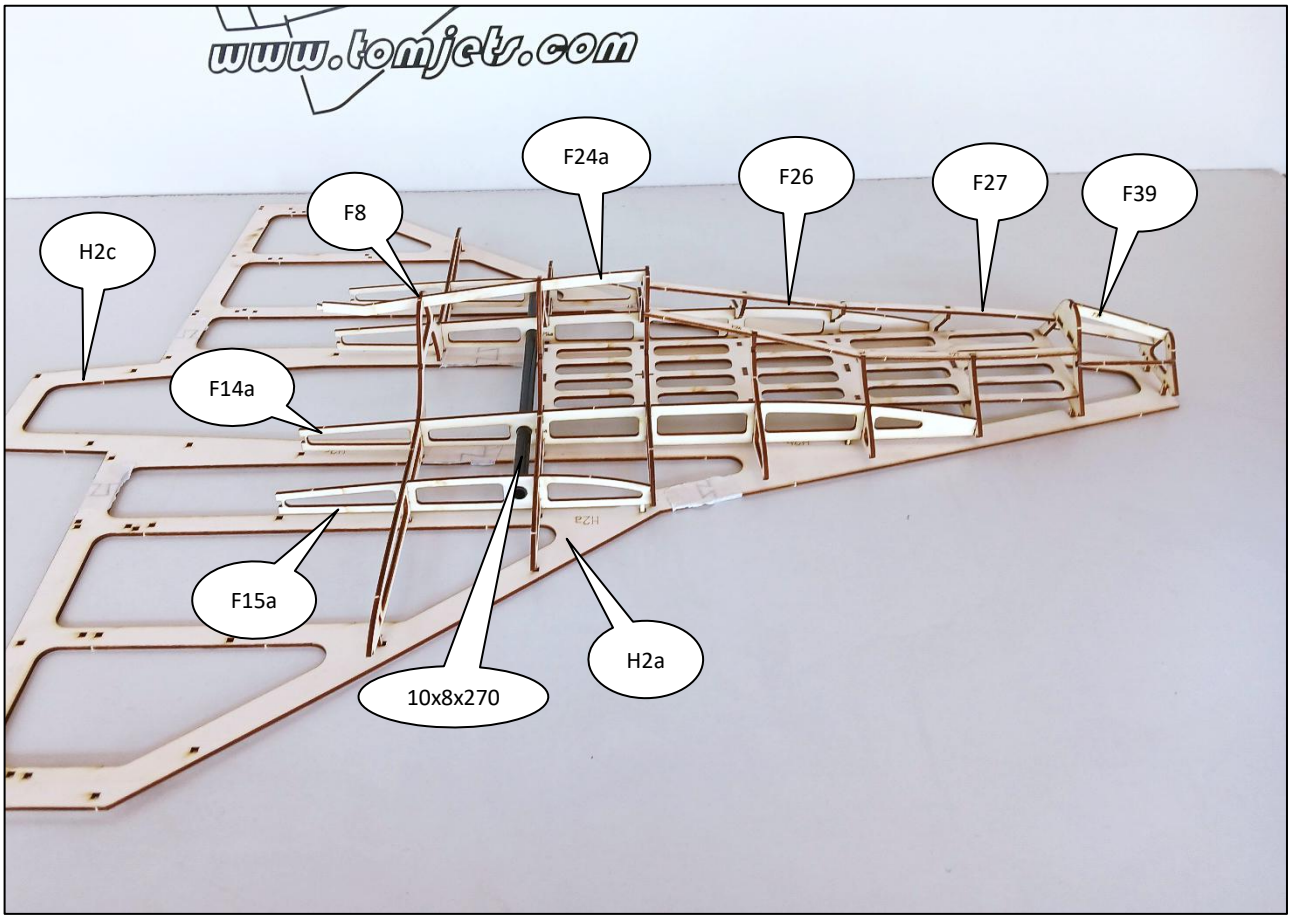


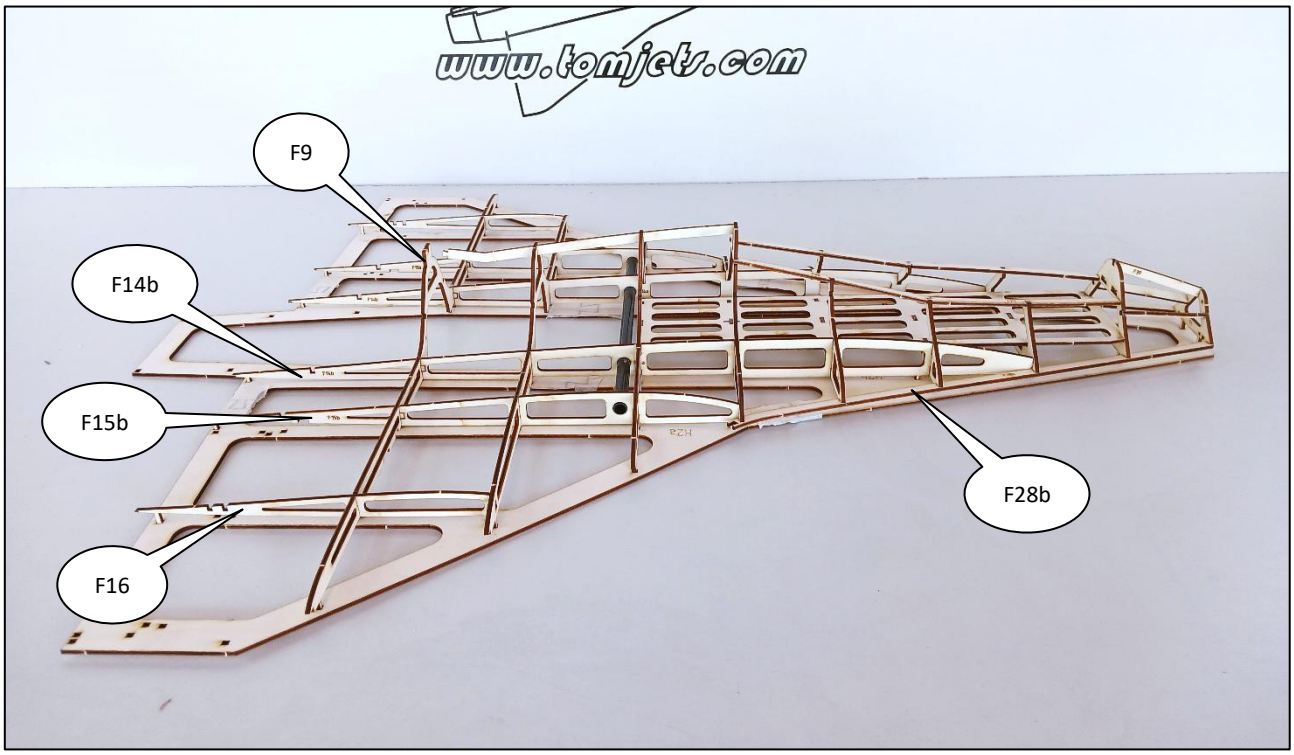


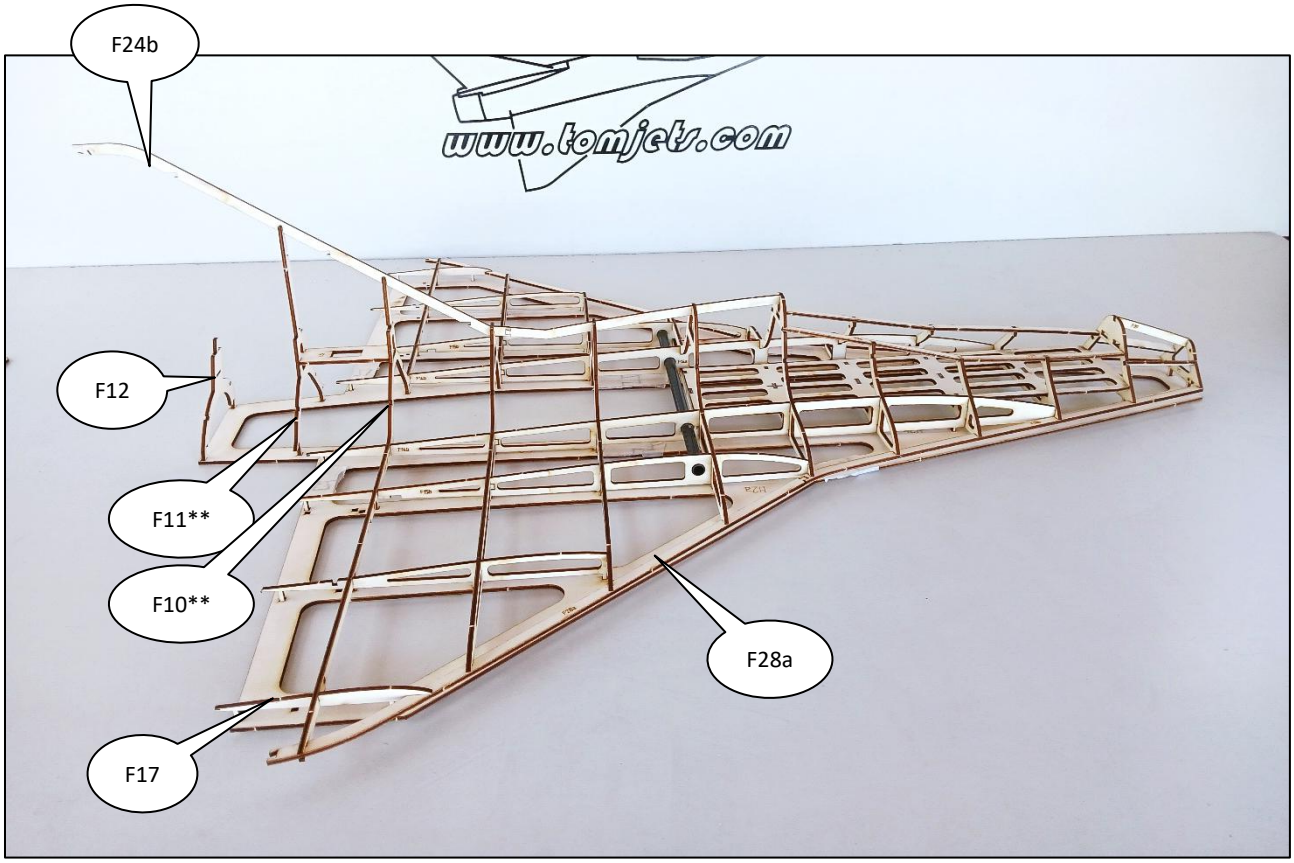
note mounting direction of the locking hooks

Fuselage, Wings, Rudder

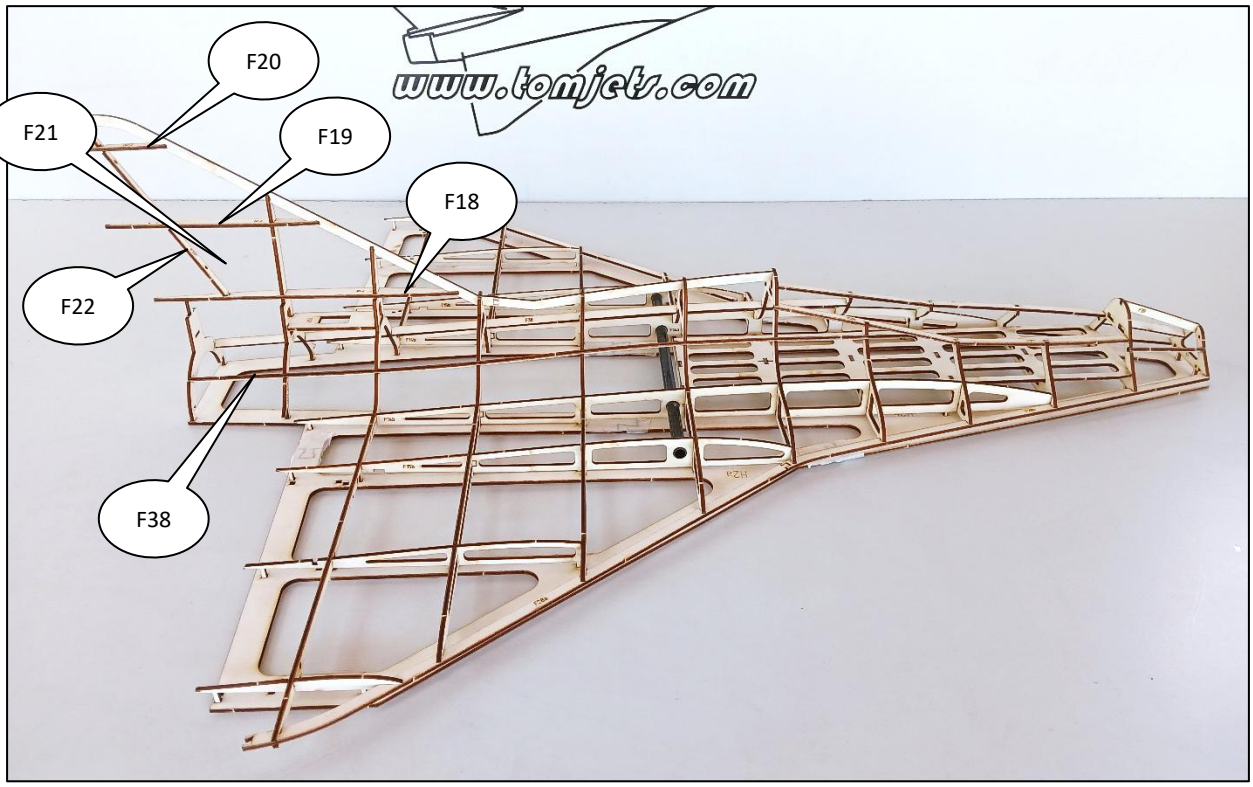


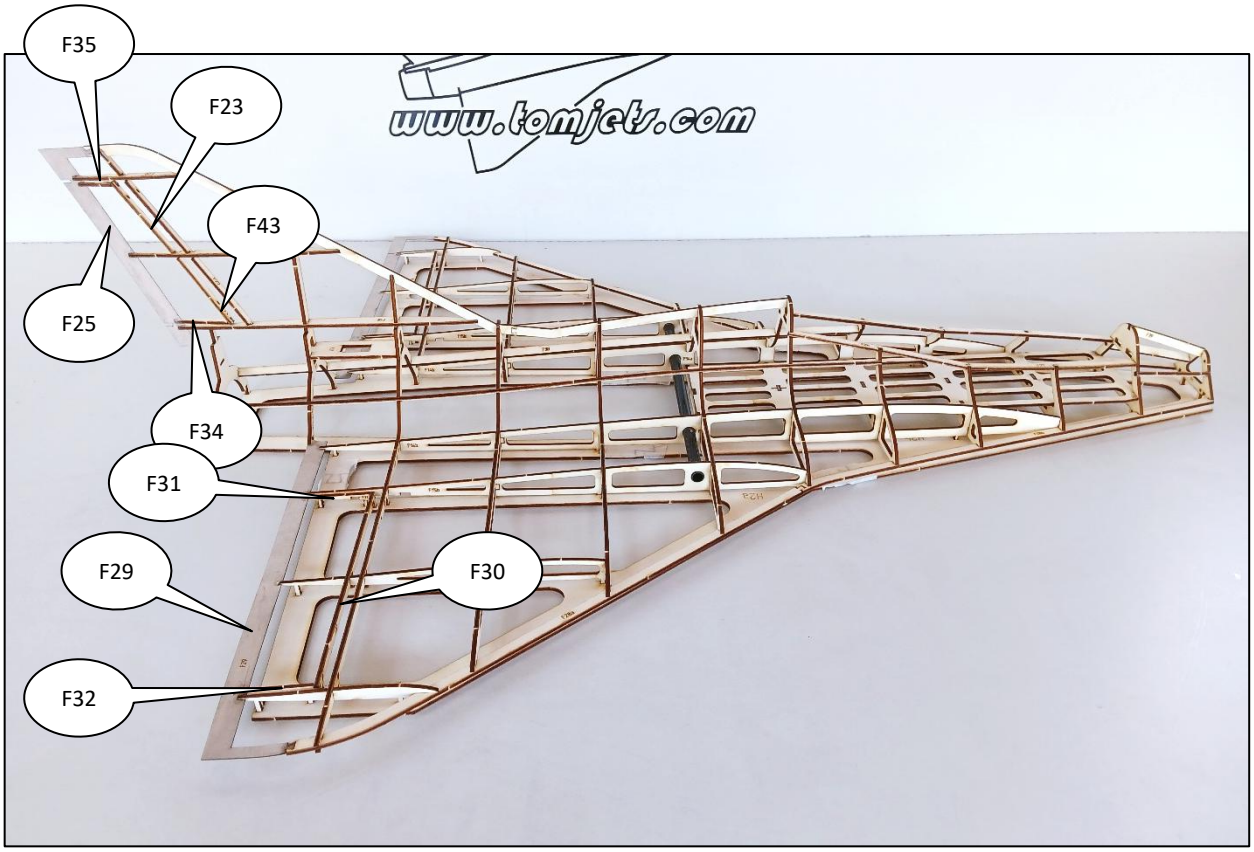


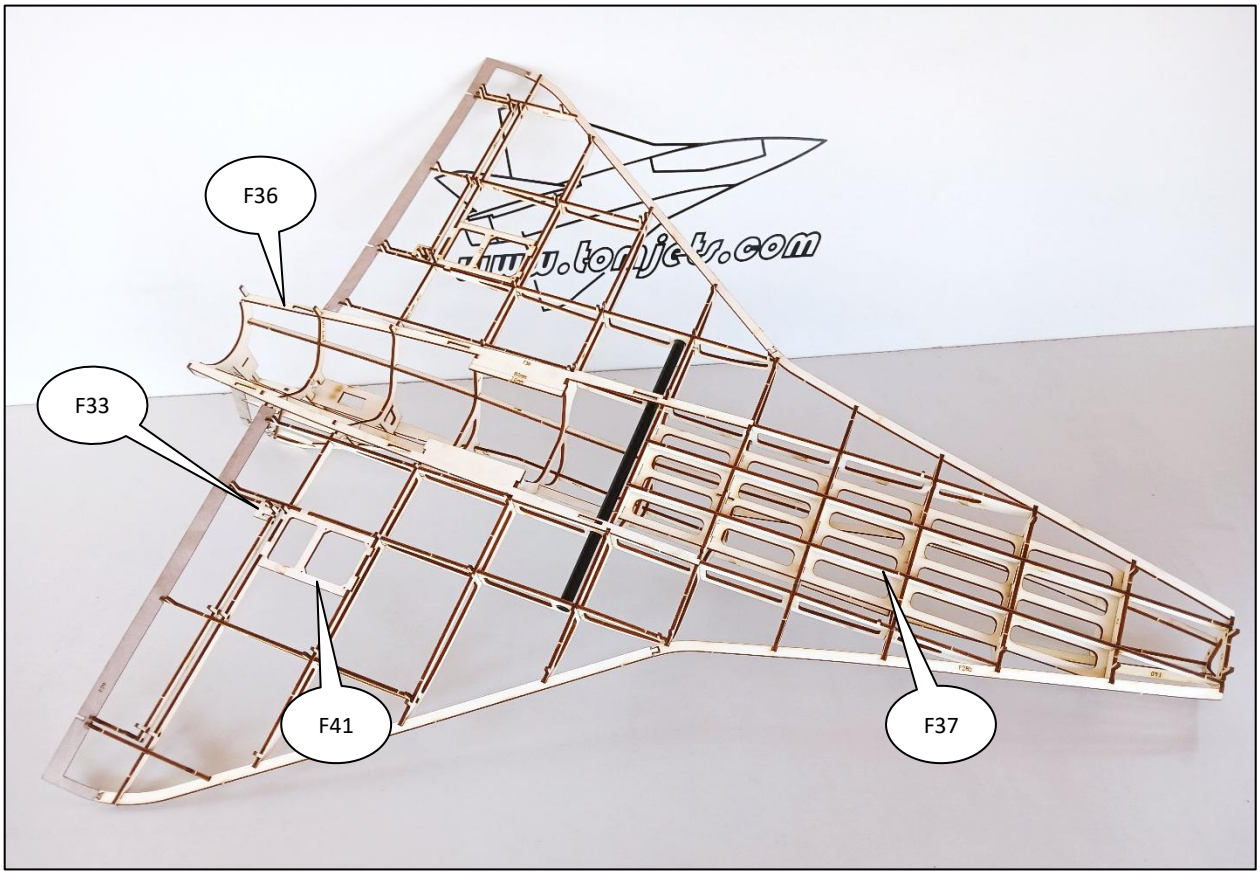




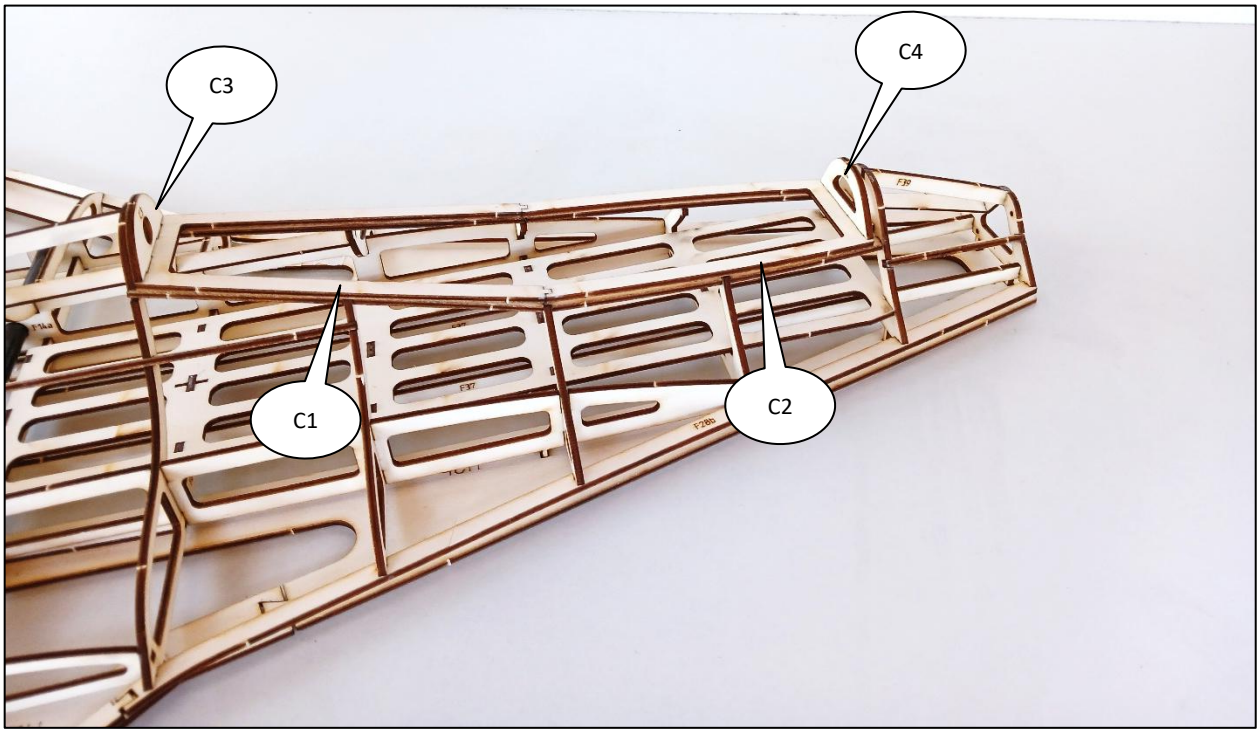
make sure that the marks ** on F10 and F11 face into the same direction (either left or right)

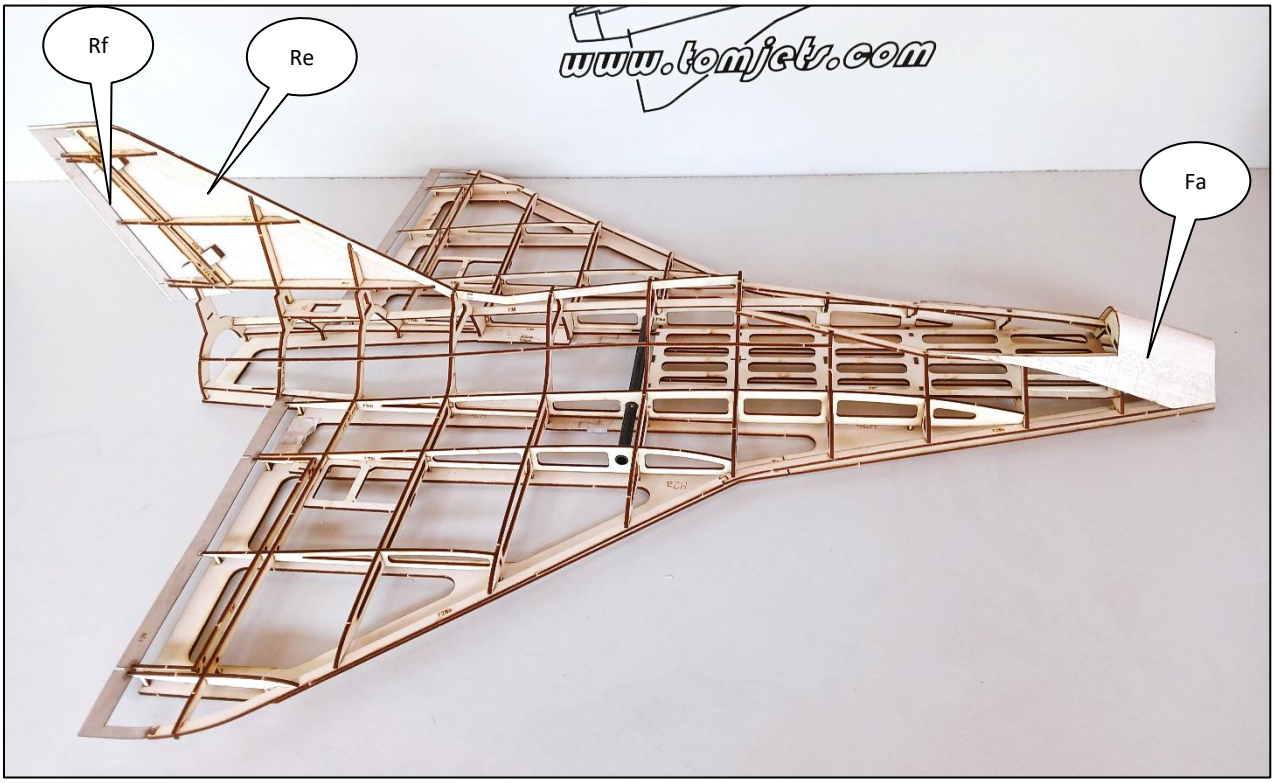

F20
F21
F19
F18
F22
F38
www.tomjets.com


F35
F23
F43
F25
F34
F31
F29
F30
F32
www.tomjets.com

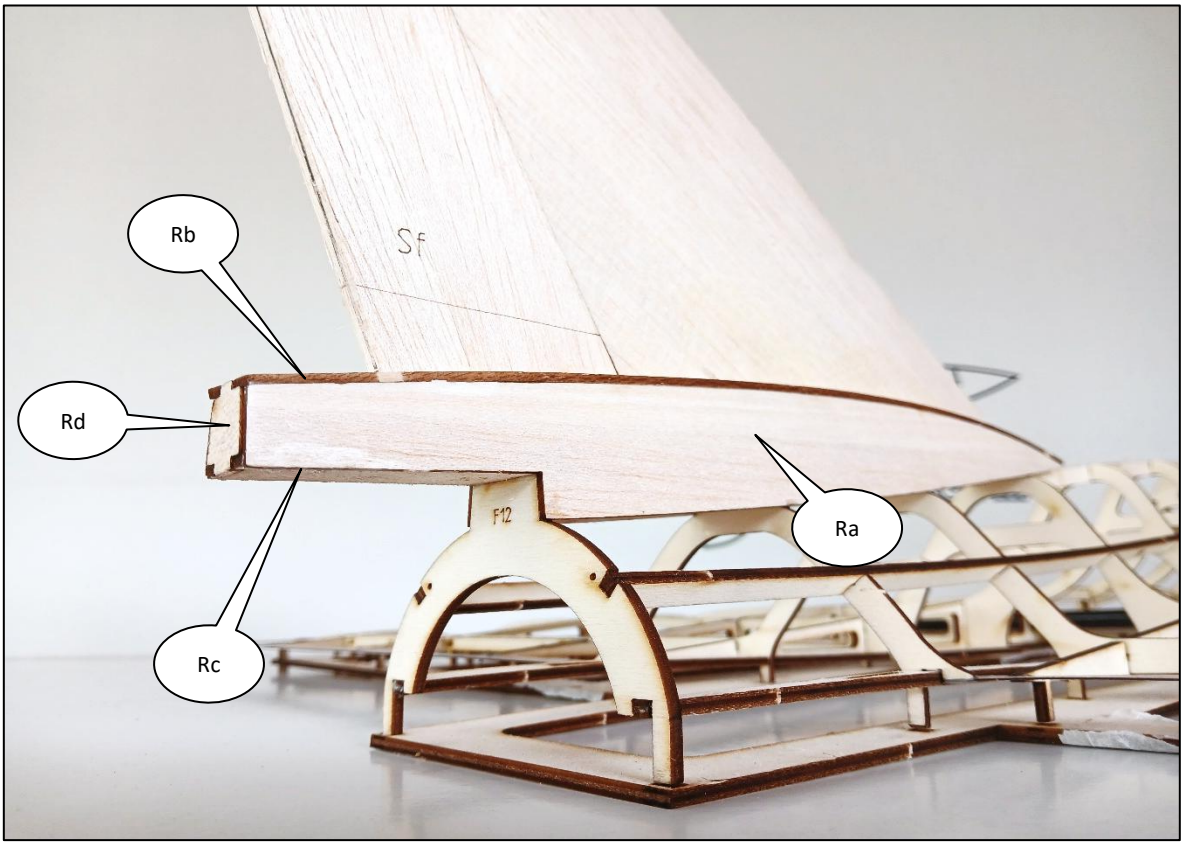


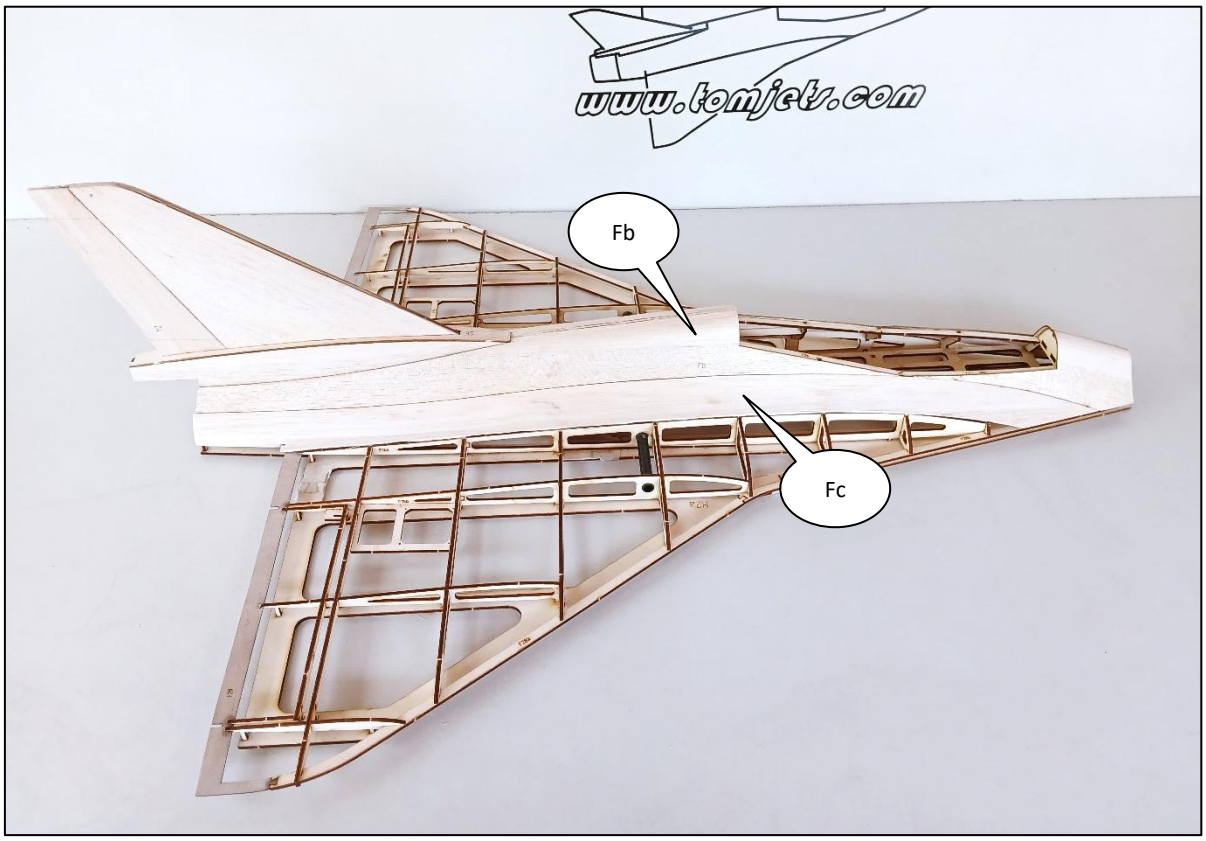
flip the framework and remove guiding jig temporarily

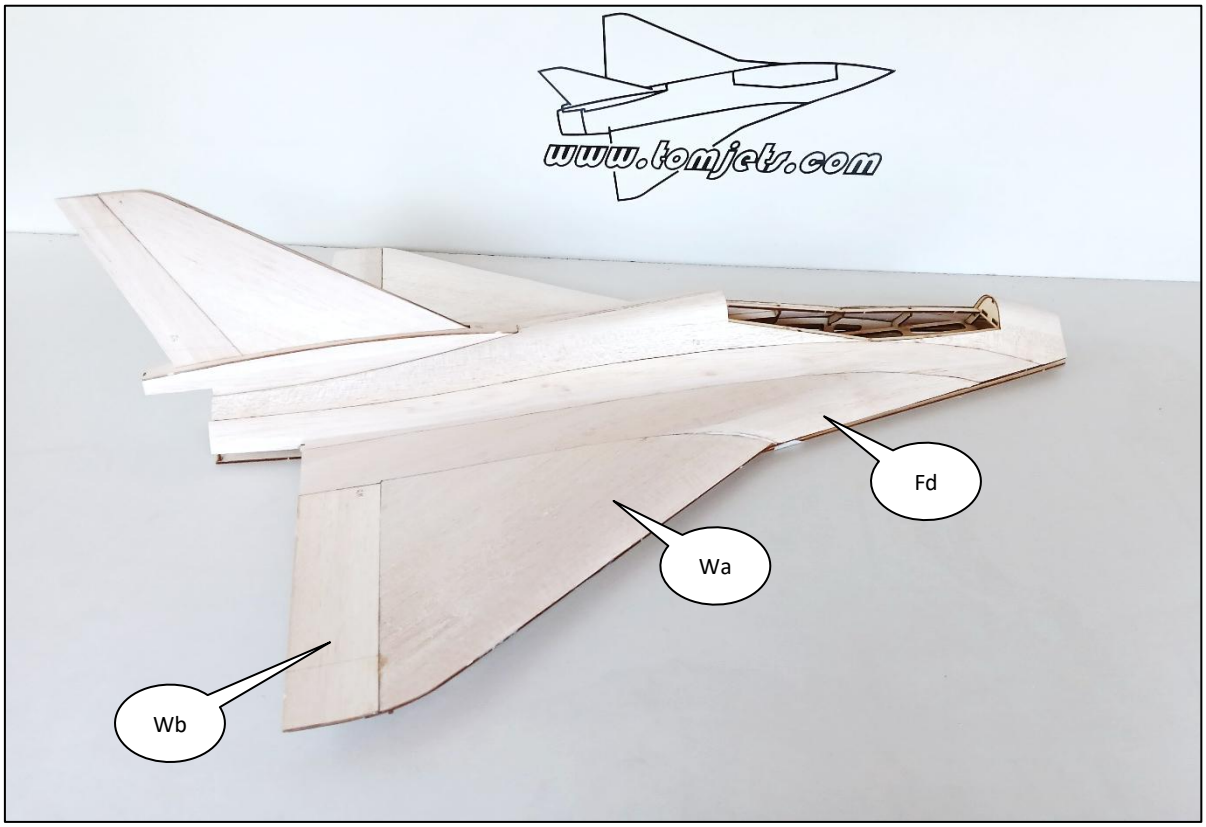


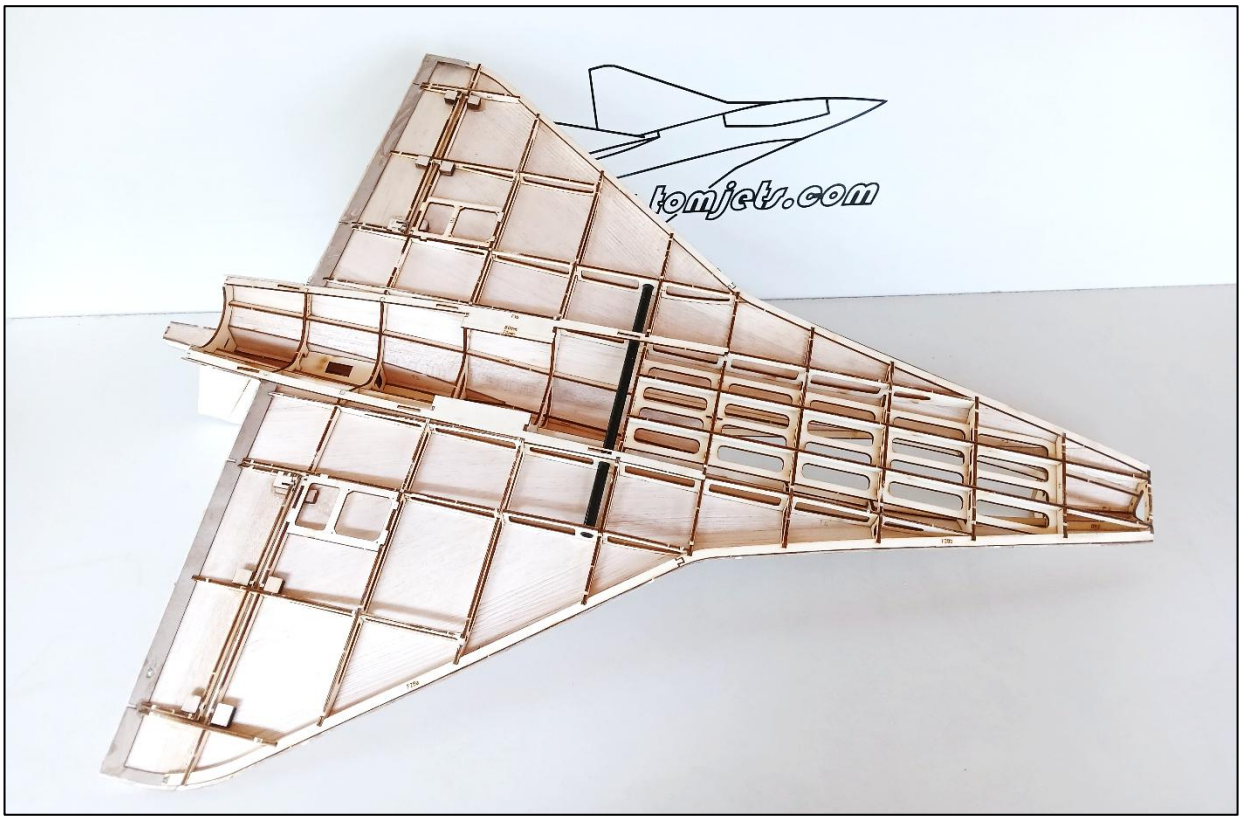


glue the balsa blocks for hinge stabilization, before closing the rudder



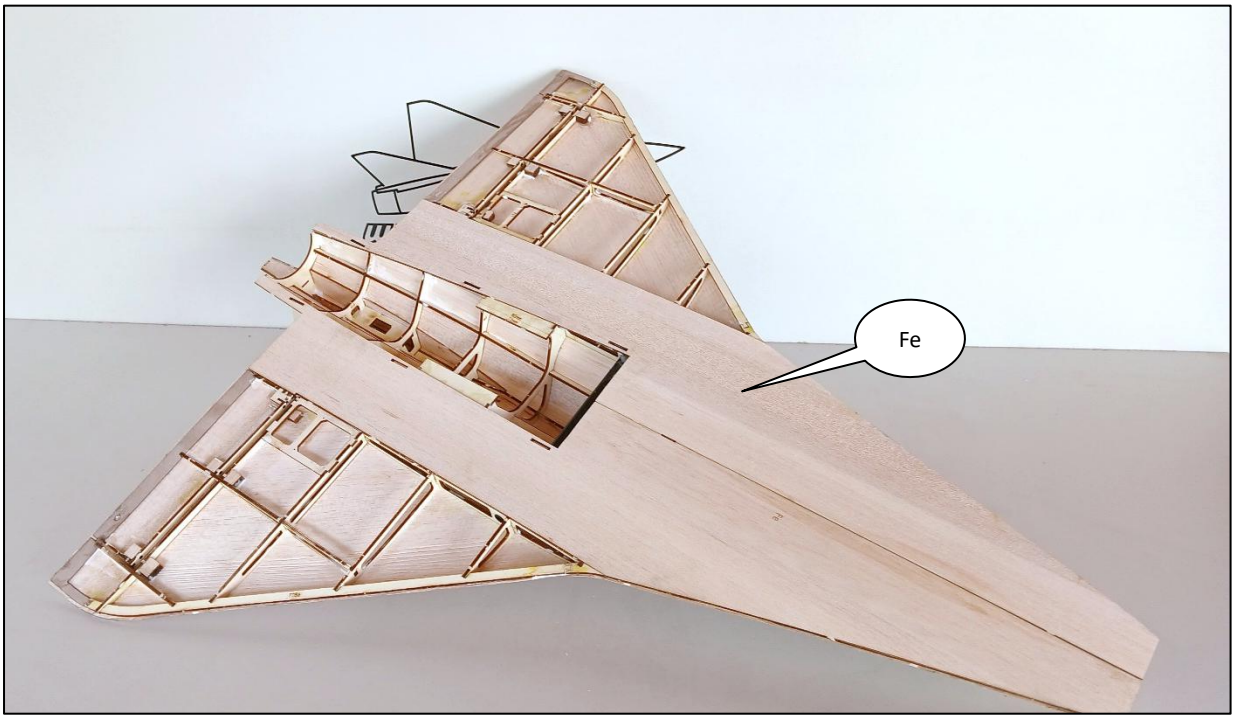

Fb
Fc

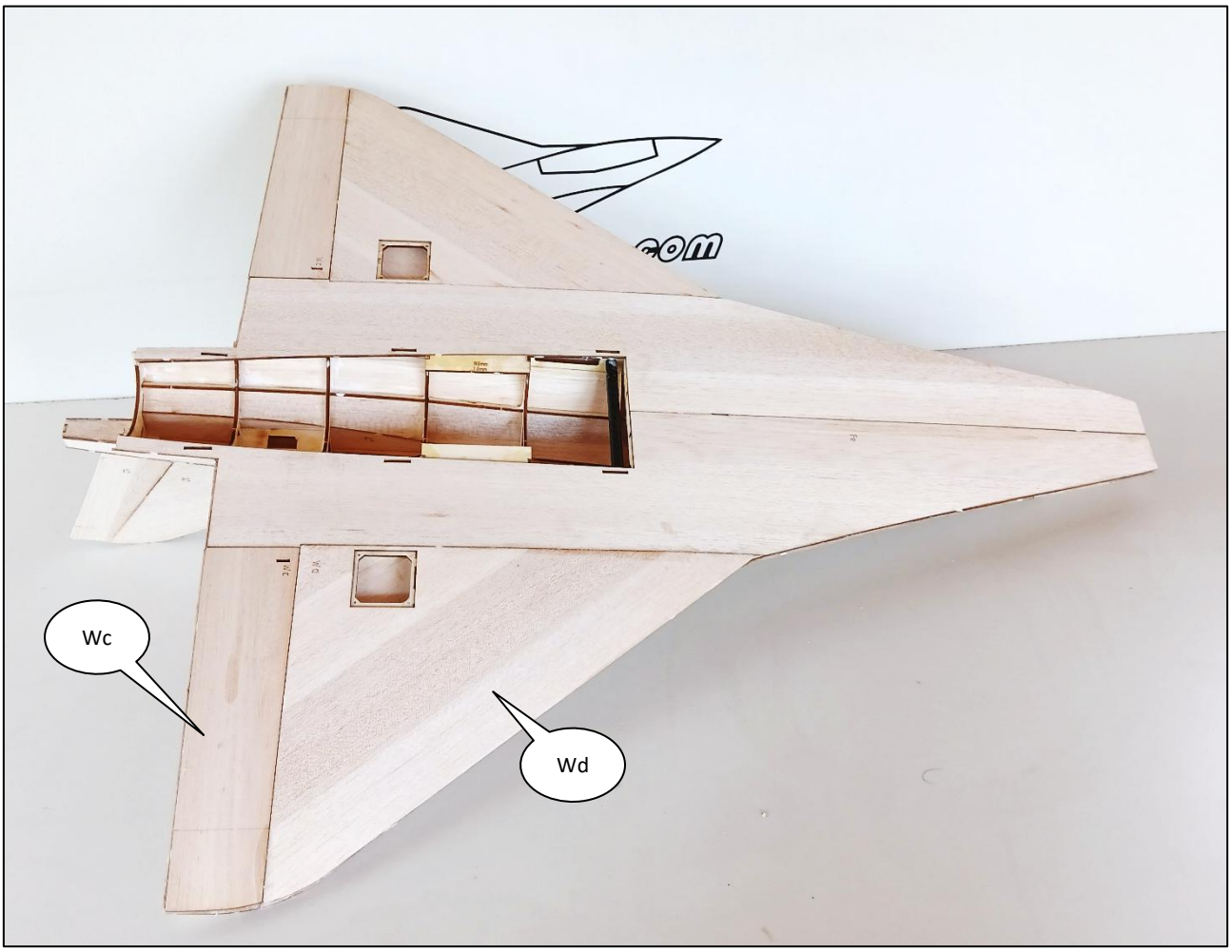

Fd
Wa
Wb



flip the fuselage and remove the support legs

glue the balsa blocks for hinge stabilization, before closing the bottom side





use balsa leftovers for closing the leading edges

cut out the control surface and sand the edges

glue the triangular balsa strip

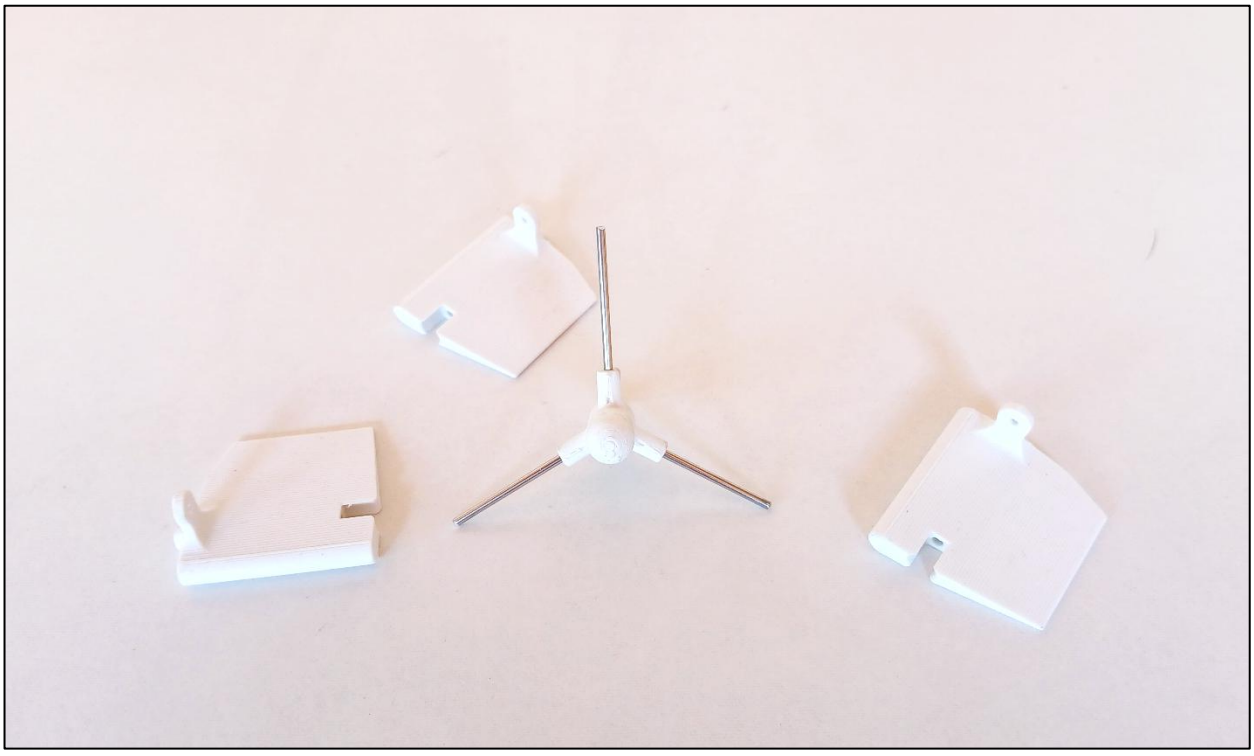
use a 3mm drill and fit in the hinges

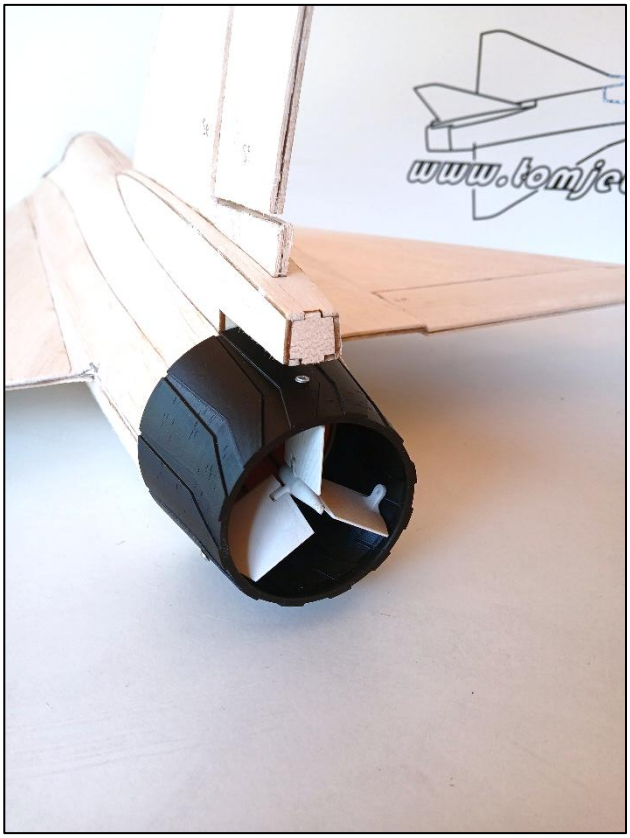
assembly

glue bungee hook

glue canopy and mount 3D printed parts

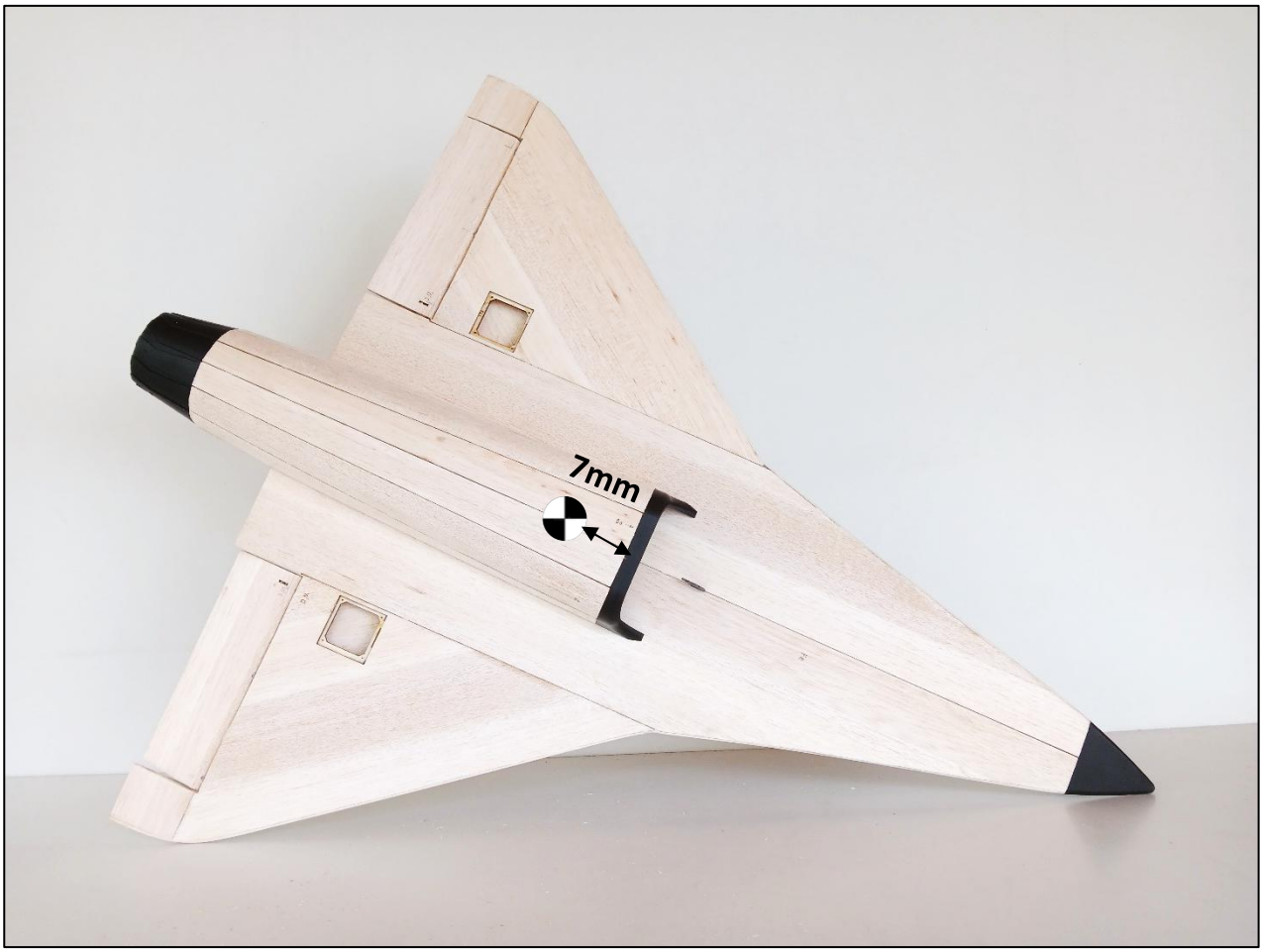
Vector control (optional)





Glue 6mm servos and linkage inside the nozzle

basic settings



elevator	± 20 mm + 30% expo
aileron	± 15 mm + 30% expo
Rudder	± 25 mm + 30% expo
CoG	7mm (behind the wooden edge of the inlet)