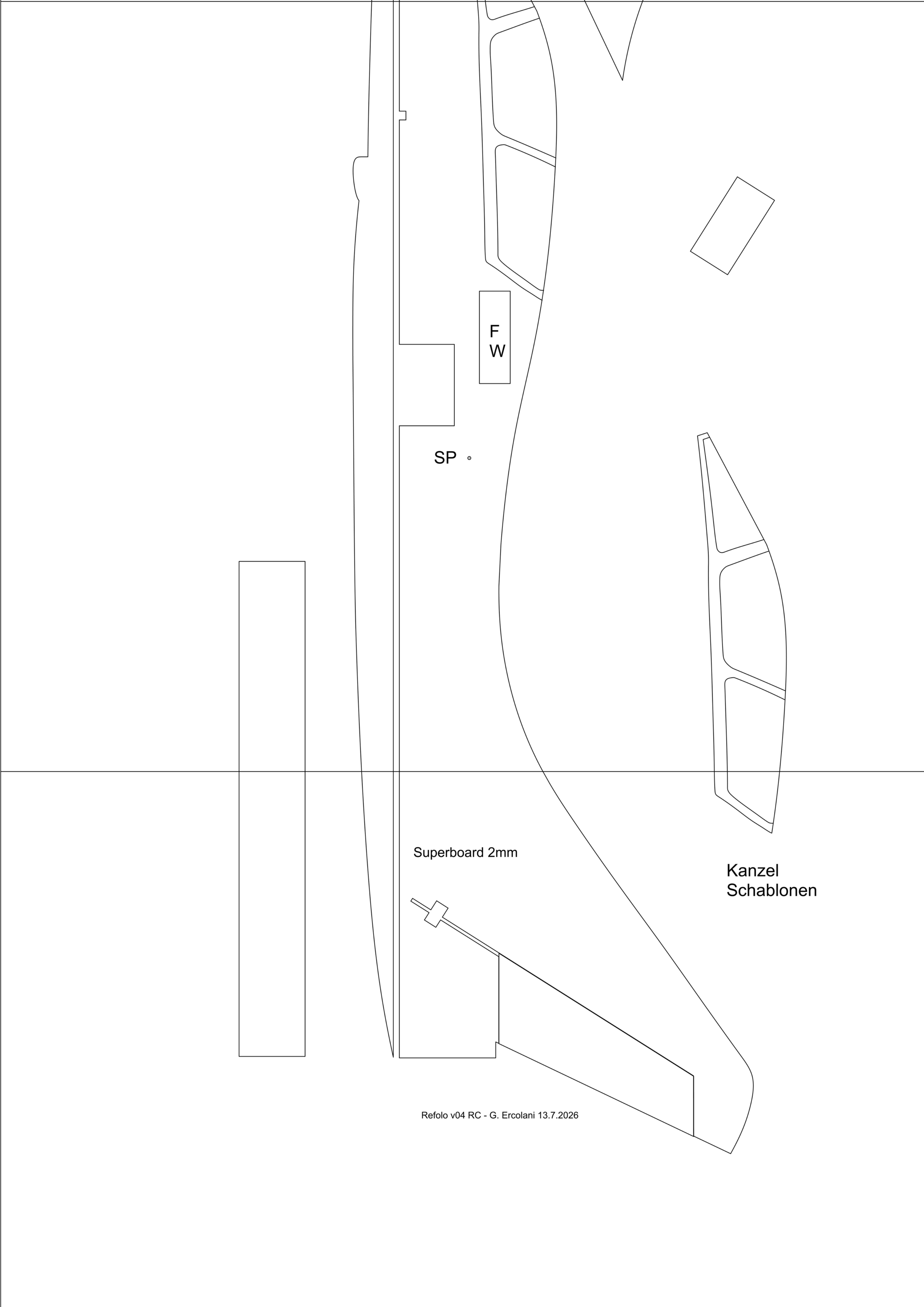


SLW
Schablonen

F
W

SP °

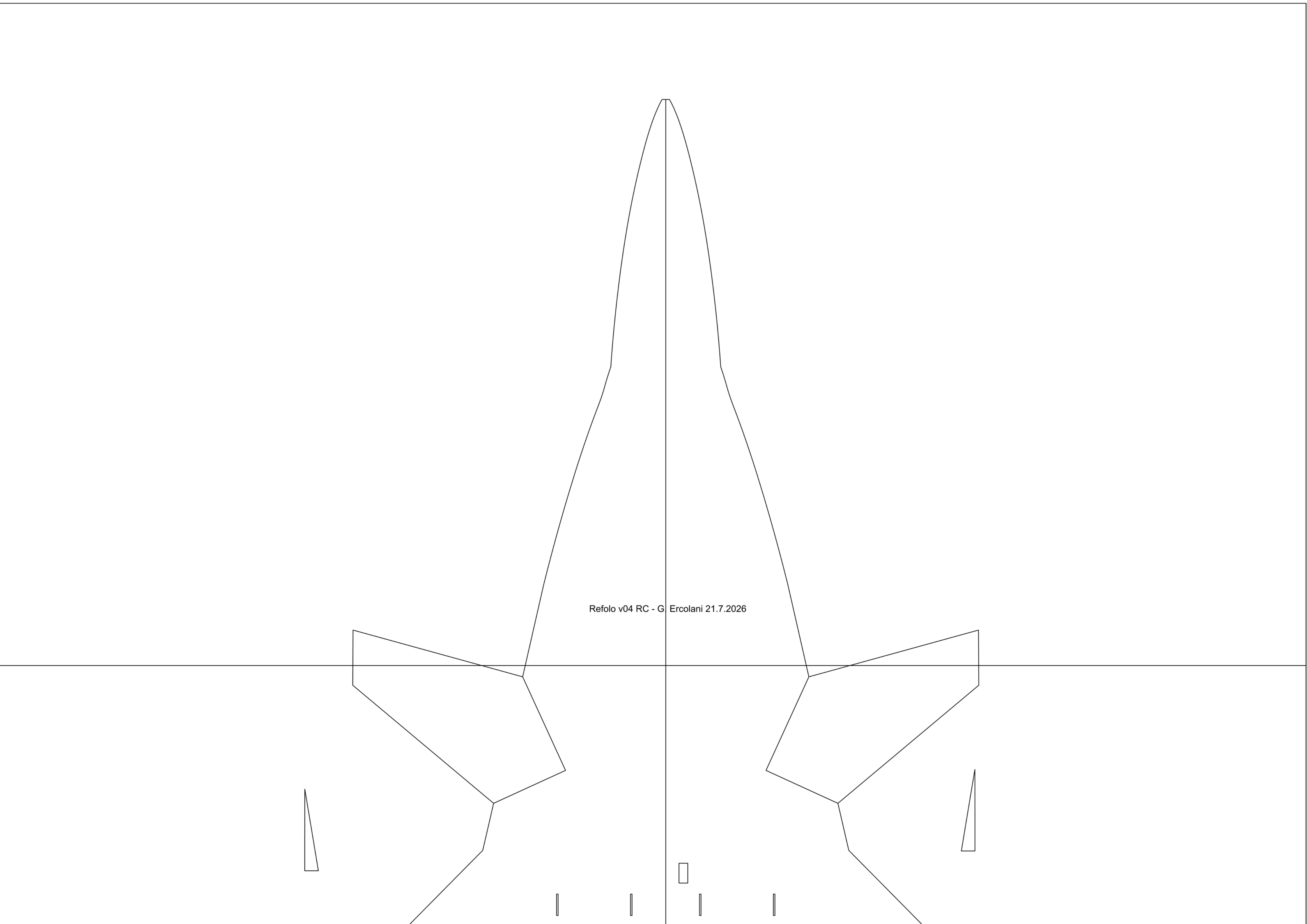


F
W

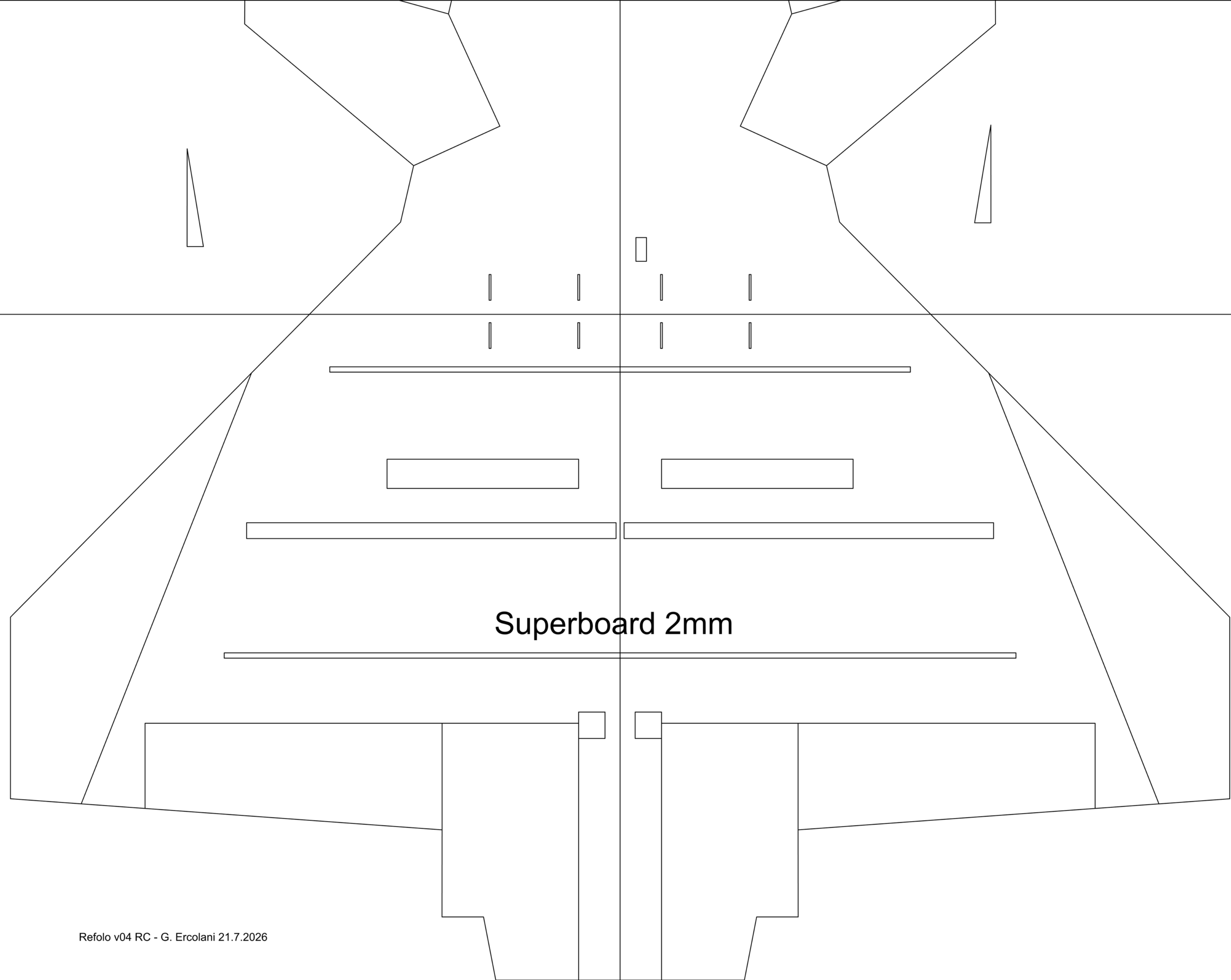
SP °

Superboard 2mm

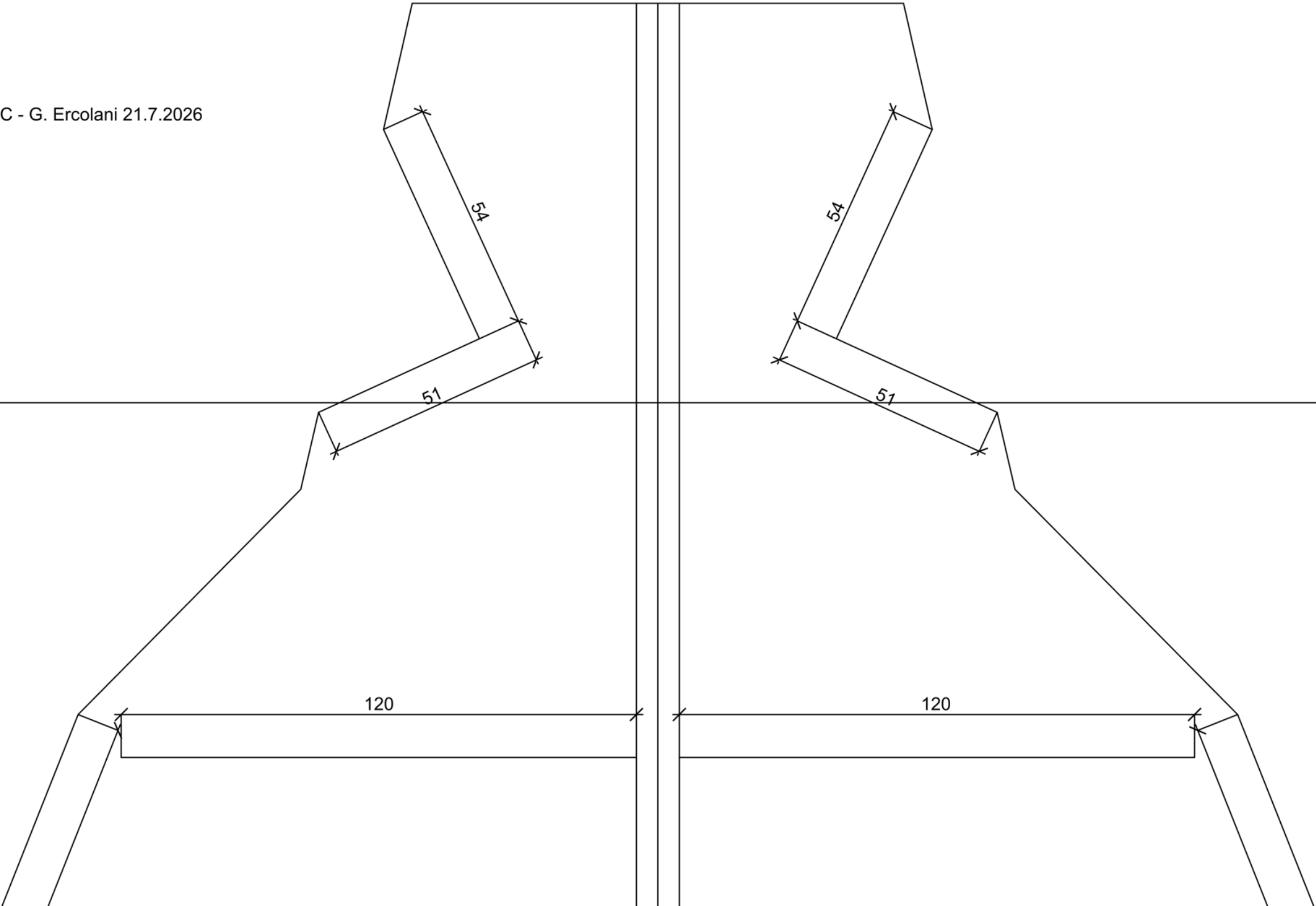
Kanzel
Schablonen

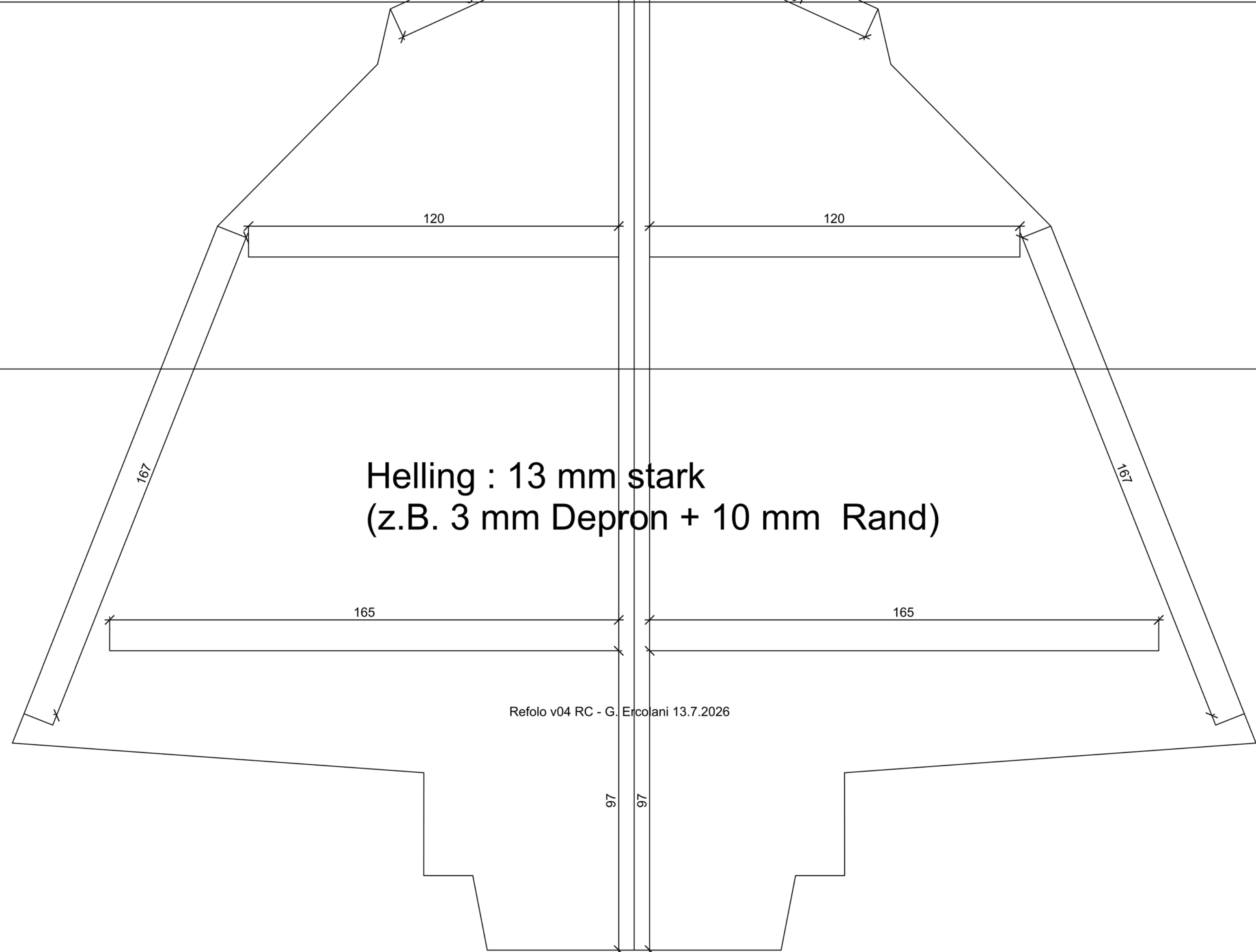


Refolo v04 RC - G Ercolani 21.7.2026



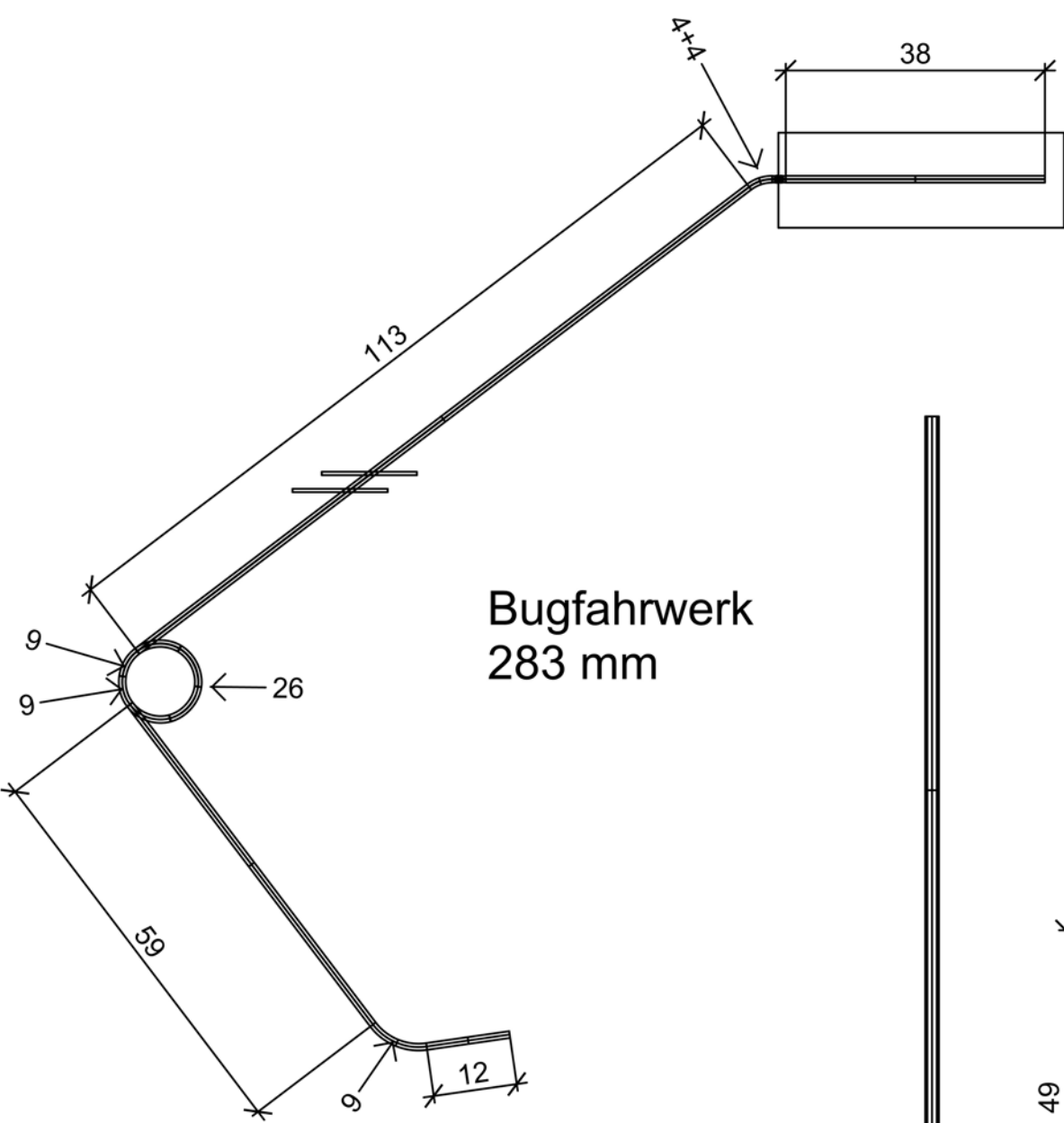
Refolo v04 RC - G. Ercolani 21.7.2026



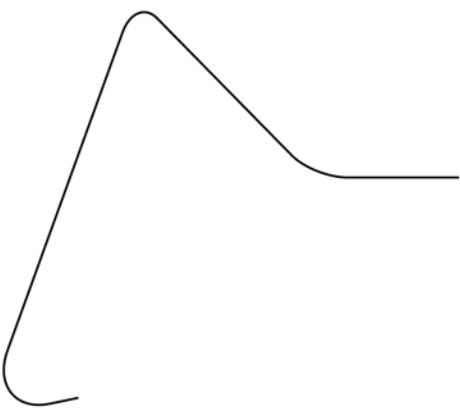


Refolo v04 RC - G. Ercolani 13.7.2026

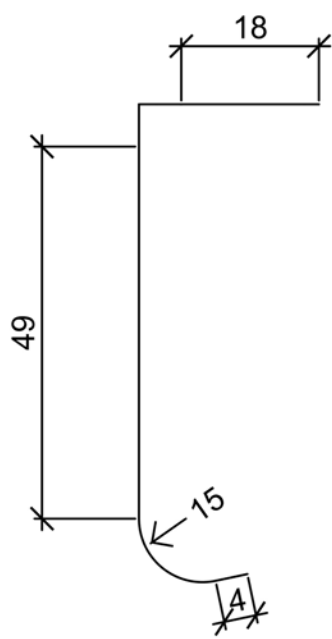
Federstahl 1 mm



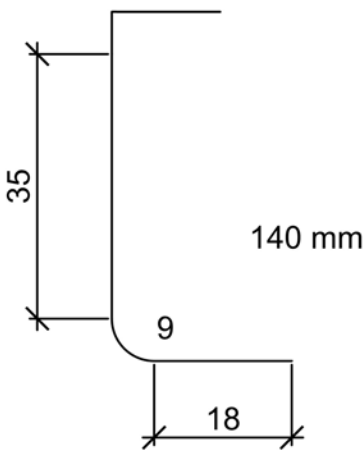
Bugfahrwerk
283 mm



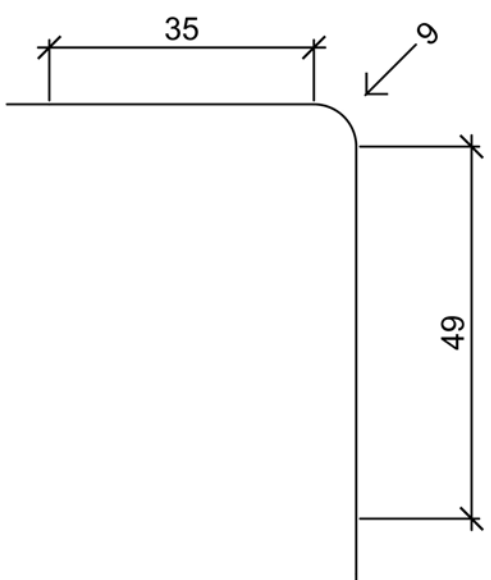
Hauptfahrwerk 140 mm je



Seitensicht

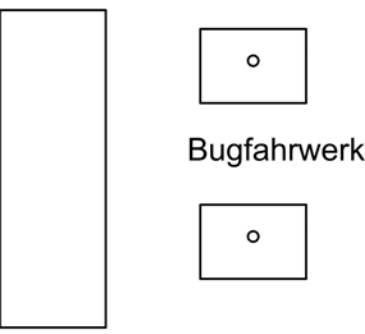


Draufsicht

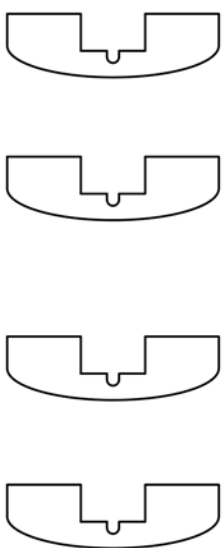


Stirnsicht

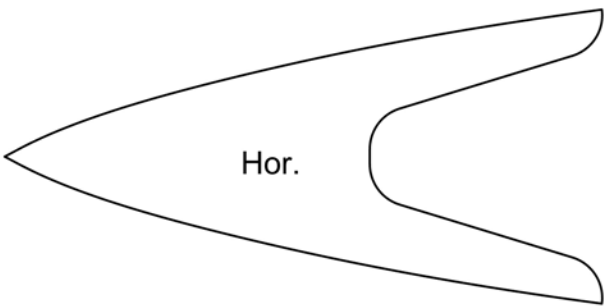
Polistyrol 0,5 mm



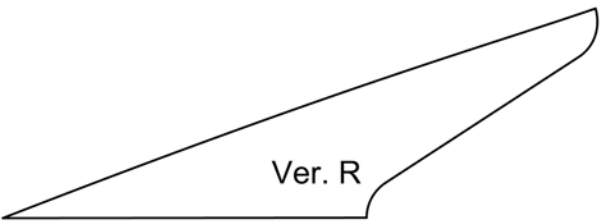
Bugfahrwerk



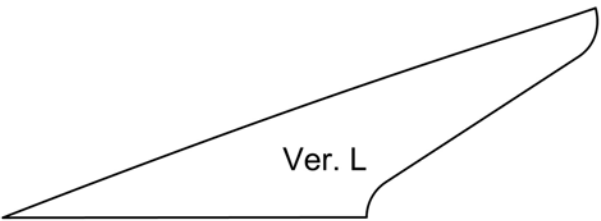
Hauptfahrwerk



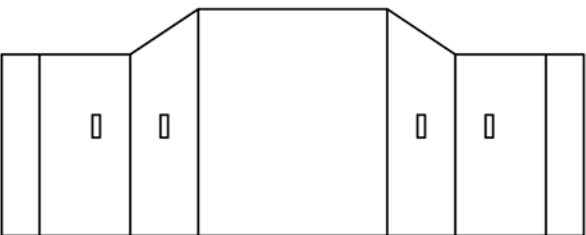
Nase Versteifung



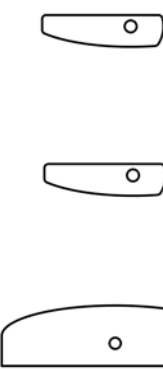
Ver. R



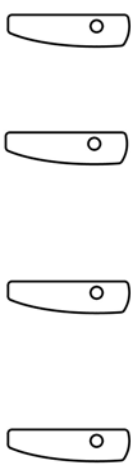
Ver. L



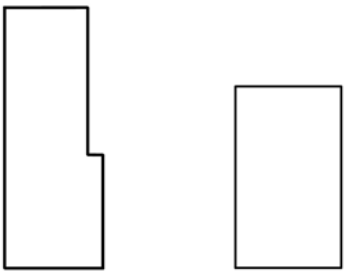
ESC Halter
Material Azetat



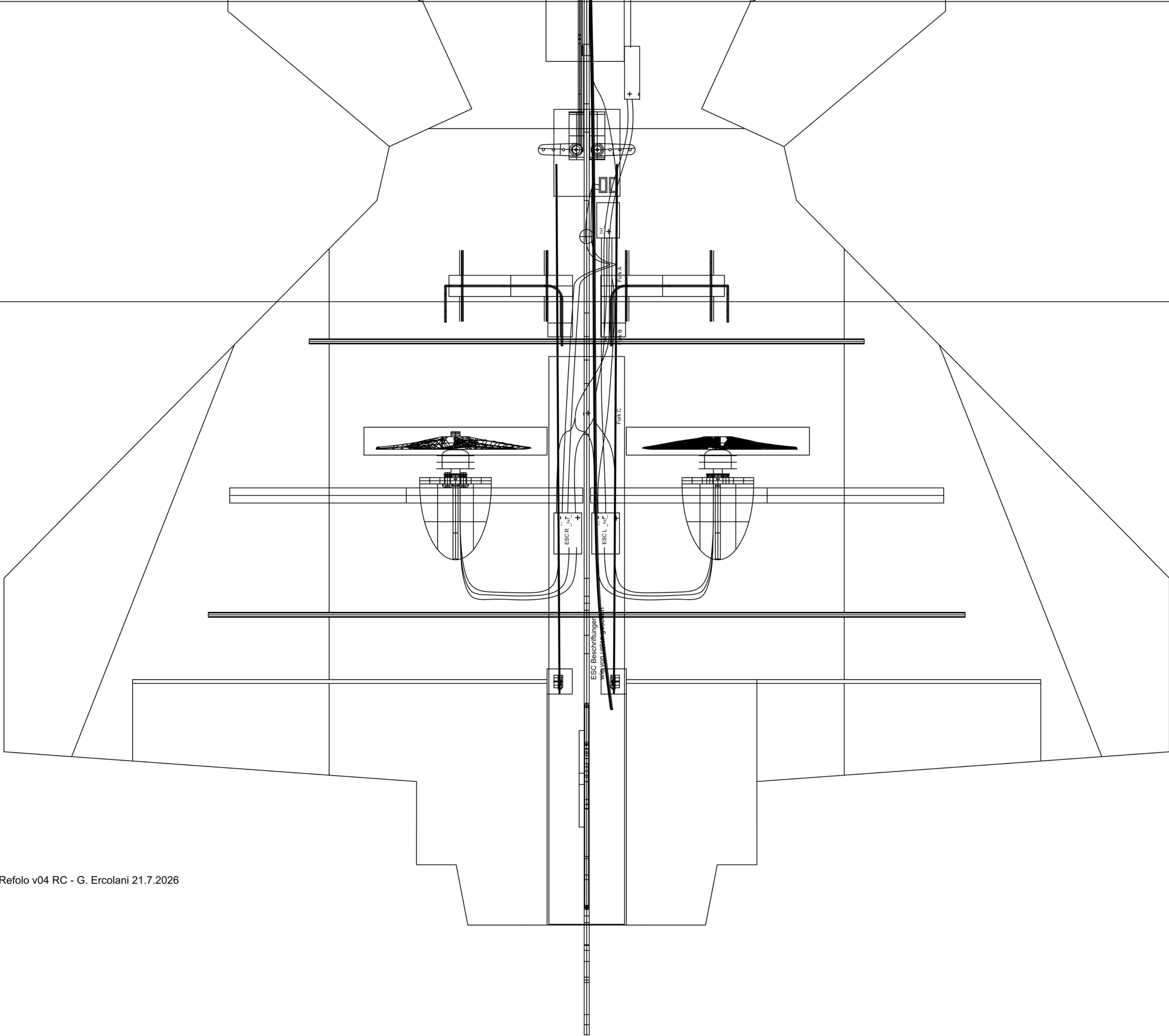
SLW und
Scharnieren



Elevons

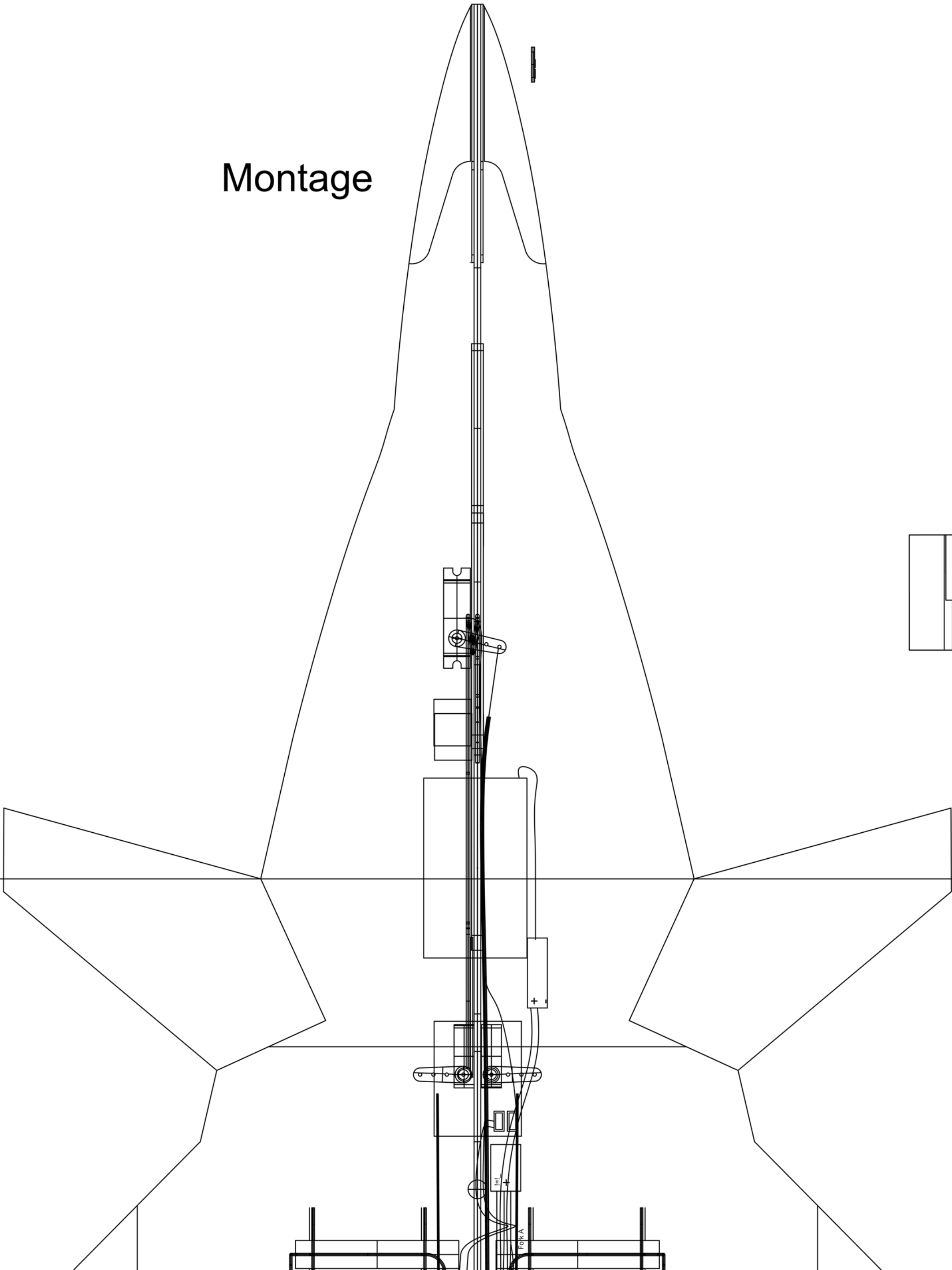
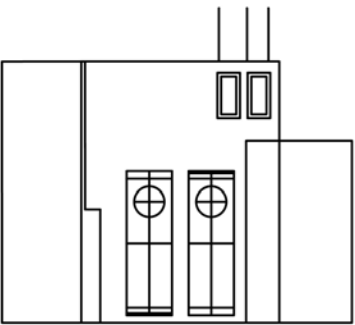


AiO Balsa Bühne 6mm



Montage

Refolo v04 RC - G. Ercolani 21.7.2026



Bauteilliste

<u>Teil</u>	<u>Material</u>	<u>Hersteller</u>	<u>Produkt</u>	<u>Menge</u>	<u>Landed €</u>	<u>Gesamt</u>	<u>Lieferant</u>
Motoren	Div.	Happymodel	EX1204-kv5000	2	16,42 €	32,84 €	Amazon
Luftschrauben	Polykarbonat	GemFan 63-5	GemFan 63-5 CW - CCW	2	0,44 €	0,87 €	aliexpress
ESC	Div.	Flashhobby.com	XSD 7A	2	9,49 €	18,98 €	aliexpress
Akku	Div.	Njoyn	7,4 V 2S 700 mAh 603048 Akku	1	6,09 €	6,09 €	aliexpress
Motorhalter	Kunststoff	Gianni Ercolani	ABS gedruckte Halter	1	4,38 €	4,38 €	Xometry/Gianni
Flugzeugzelle	Schaumplatte	Pichler	Super Board 2 mm Art.Nr. C9387	1	1,92 €	1,92 €	Pichler
Versteifungen (Nase, Fahrwerk)	Polystyrol Platte	AeroNaut	0,5 mm stark; 500x400 mm	1	7,35 €	7,35 €	Vordermaier - Ottobrunn
Fahrwerkbeine	Federstahldraht	Divers	1 mm x1000 mm	1	0,65 €	0,65 €	Vordermaier - Ottobrunn
Fahrwerkbeine	Federstahldraht	Divers	0,5 mm x1000 mm	1	0,65 €	0,65 €	Vordermaier - Ottobrunn
SLW Servo	Div.	Dymond	D47	1	21,99 €	21,99 €	Lindinger
Holme	KFG	R&G	Karbon Rohr 2 x 1000 mm	1	6,25 €	6,25 €	Vordermaier - Ottobrunn
Motorholm	KFG	R&G	Carbon-Rechteckstab (3,0 x 0,4) x 10	1	7,82 €	7,82 €	Vordermaier - Ottobrunn
SLW Versteifung + Drehstange	KFG	R&G	Carbon-Rundrohr, pultrudiert (Ø 1,5	1	7,28 €	7,28 €	Vordermaier - Ottobrunn
SLW Bowden "Rohr"	Div.	Playtastic-Store	Scoubidou Bänder	1	0,10 €	0,10 €	Vordermaier-Spielzeuge
SLW Federstange	Federstahl	Div.	Federstahl 0,5 mm x 1000 mm	1	0,59 €	0,59 €	Vordermaier - Ottobrunn
Rx AiO mit 2 Servos und 2 Sockets	Div.	Lemon RC	Lemon Rx Microbrick DSMX / DSM2	1	37,83 €	37,83 €	Micronwings/Arkai
Elevons Stangen	Carbon	R&G	Carbon round tube, pultruded (Ø 1,0	1	9,09 €	9,09 €	Vordermaier - Ottobrunn
Z-Bend Anlenkungstück	Messing	Div.	Messing Rund Profil (Ø x L) 1 mm x 5	0,2	0,89 €	0,18 €	Vordermaier - Ottobrunn
Verkabelung Strom	verzinnter Kupferdraht mit Silikonisolierung		22 AWG Silikon-Anschlusskabel	1	0,27 €	0,27 €	Conrad
Verkabelung	Litzen Hochflexibel	Divers	Litzen 0,05mm ²	0,01	5,99 €	0,06 €	Modellbau Schönwitz
Isolierung	Flüssigisolator	Plasti Dip	Flüssigisolation Dose	0,01	13,95 €	0,14 €	Plasti Dip Europe
RX Halter	Holz	Pichler	Balsa 6 mm	0,01	5,00 €	0,05 €	Vordermaier - Ottobrunn
Steckverbinder	Stiftleiste	Divers	2,54 mm Raster Leisten 1x 20 x 10	0,2	4,20 €	0,84 €	Conrad
Steckverbinder	Buchsenleiste	Divers	2,54 mm Raster Leisten 1x 20 x 10	0,2	2,29 €	0,46 €	Conrad
Kleber für Schaumplatte Kanten	Sekundenkleber	Styro- Vordermaier	Styroporverträglich Dunnflüssig	0,1	7,99 €	0,80 €	Vordermaier - Ottobrunn
Kleber für Schaumplatte	Kontakt Kleber	UHU	UHU Por	0,1	6,99 €	0,70 €	Vordermaier - Ottobrunn
Klebeband für Kabeln Befestigung	Klebeband matt	Scotch	matt Magic 810	0,01	10,99 €	0,11 €	bueroshop24
Scharnieren	Aluminium	Red Bull	Red Bull Energy Drink Dose	0,01	1,69 €	0,02 €	worldofsweets

Kernmaterialien	164,87 €
Alle Materialien	168,31 €

Funktion	Item #	von	Bis	Start Verbindung	Litze Farbe	Stärke	Länge in mm	End Verbindung Material
Stromversorgung U-/+ bis Fork B	1	Akku-	Fork B-	JST male Stecker	Schwarz	AWG22	95	Lotstelle bei Fork B-
	2	Akku+	Fork B+	JST male Stecker	Rot	AWG22	95	Lotstelle bei Fork B+
Stromverteilung von Fork B zu Brick und Fork C	3	Fork B-	Brick -	Y Lotstelle	Schwarz	AWG22	47	Futaba Servo Female -
	4	Fork B+	Brick +	Y Lotstelle	Rot	AWG22	47	Futaba Servo Female+
	5	Fork B-	Fork C-	Y Lotstelle	Schwarz	AWG22	36	Y Lotstelle
	6	Fork B+	Fork C+	Y Lotstelle	Rot	AWG22	36	Y Lotstelle
Stromverteilung von Fork C zu ESC's	7	Fork C-	ESC R-	Y Lotstelle	Schwarz	AWG22	40	U- Lotpad
	8	Fork C+	ESC R+	Y Lotstelle	Rot	AWG22	40	U+ Lotpad
	9	Fork C-	ESC L-	Y Lotstelle	Schwarz	AWG22	40	U- Lotpad
	10	Fork C+	ESC L+	Y Lotstelle	Rot	AWG22	40	U+ Lotpad
Throttle Signal zu ESC's R und L	11	Brick Signal	Fork D	Futaba Servo Female π	Gelb	0,22 mm ²	62	Y Lotstelle
	12	Fork D	ESC R π	Y Lotstelle	Gelb	0,22 mm ²	70	ESC π Lotpad
	13	Fork D	ESC L π	Y Lotstelle	Gelb	0,22 mm ²	70	ESC π Lotpad
Brick GND zu ESC's	14	Ax1 GND	Fork A	JST-SH 1.00	Schwarz	0,22 mm ²	105	Y Lotstelle
	15	Fork A	ESR R Rx-	Y Lotstelle	Schwarz	0,22 mm ²	70	ESC R Rx- Lotpad
	16	Fork A	ESC L Rx-	Y Lotstelle	Schwarz	0,22 mm ²	70	ESC L RX- Lotpad

Transmission	Receiver set up and programming				RX	Inputs bzw. Stick commands	Inputs + Channels	Identification at Sender	Modell Identification at Sender	Servos and Inputs	Mixes	Channel Input Config
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Rx	LM0070	Output Servos bzw. Actuators		Advanced programming bzw. Channel assignment	Servo reverse through reverse cable
Channel	Function	Servo type	Controlled unit	Option	Channel
	Bnd/Data				
CH1	THR	Engine Sx			N/A
CH2	AIL	Brick Servo	Elevons Mix in LM0070		N/A
CH3	ELE	Brick Servo	Elevons Mix in LM0070		N/A
CH4	RUD	D47			N/A
CH5	GER	Stabilization on/off			N/A
CH6	AX1	Engine Dx			N/A
CH7	AX2				
CH8	AX3				

Variante Zustand	Programmed	Tested	Results
	17.08.2026		

updated

Note about the aerodynamic configuration
Part of the mixing and the whole stabilization are set in the LM0070
Actual configuration is "delta" wing. Gyroscopic stabilization is disabled.
ESC negative is taken from the Ax1 socket; ESC signal is taken from "Throttle signal out" CH1, this is the pin next to "supply voltage+".

	Name	Description	Assignment Required	Position
Switches	A	2P	Vektor SLW (off)	0
	B	3P		
	C	3P		
	D	3P	Mix THR to AX1 - On	0
	E	3P		
	F	3P		
	G	3P		
	H	2P	Stabilization (off)	0
	I	Knopf	Bind/Switch	
	Right Knob	Knob R	Gain Master (off)	0
	Right Trim			
	Left Trim			

Name	Refolo	
Sender Pos.	27	Aerodynamic configuration
Type	Acro DSM	Wing type
Down Timer	00:03:00	Tail type

Schalter	Pos	Flight Mode	Spoken

Throttle cut			
Position			
Switch	INH		

Throttle curve			
pos	pct	Curve selection	Value
1		Expo inh	Curve 1
2		Switch	On
3			
4			
5			
6			
7			

N/A
N/A
N/A
N/A
inh
N/A
inh
inh
LLv