

# CALISTO

Spannweite: 1999 mm - Länge: 1300 mm  
RES - Rudder, Elevator, Spoiler  
©2021 Christian Steinmann

# CALISTO

Spannweite: 1990 mm  
Flächeninhalt: 37,5 dm<sup>2</sup>  
Länge: 1300 mm

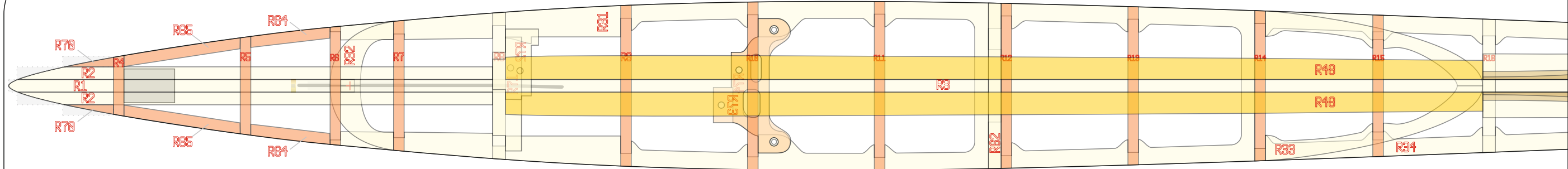
Profil Fläche: AG26, ab 80% AG35 -1,5°  
Profil Leitwerk: HT12  
EWD: 1°  
Flächentiefe: 240 mm

Längsstabilität: 0,39  
Seitenstabilität: 0,31  
Streckung  $\Lambda$ : 10,6

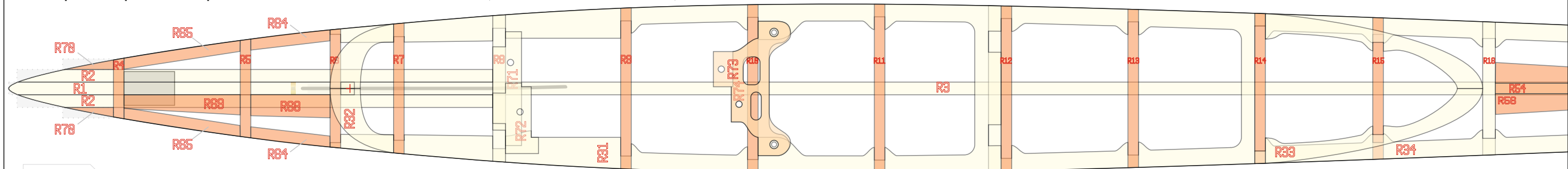
©2021 Christian Steinmann



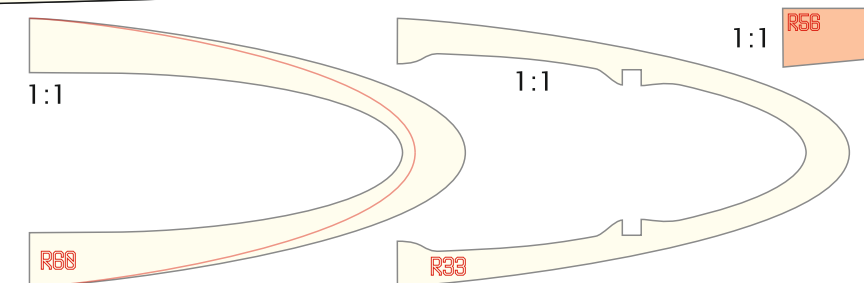
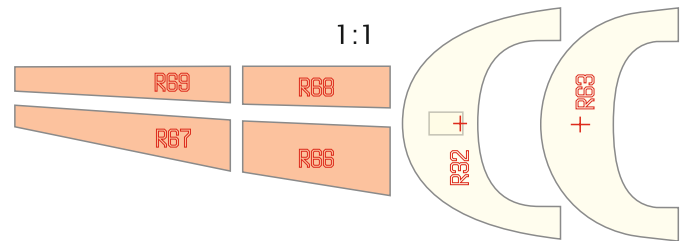
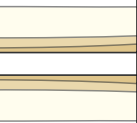
Spantenplan Rumpf von unten (ohne obere Holme, ohne Flächenbefestigung, ohne seitliche Gurte, ohne Kabinenhaube)



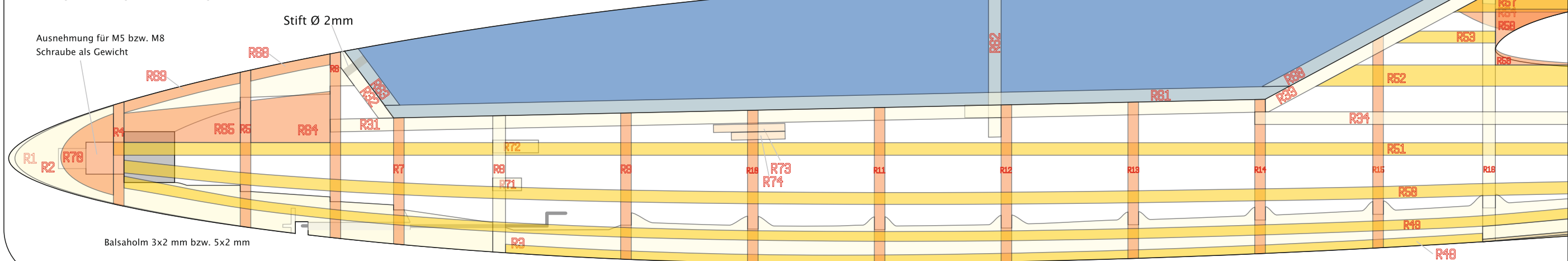
Spantenplan Rumpf von oben (ohne untere Holme, ohne seitliche Gurte, ohne Kabinenhaube)



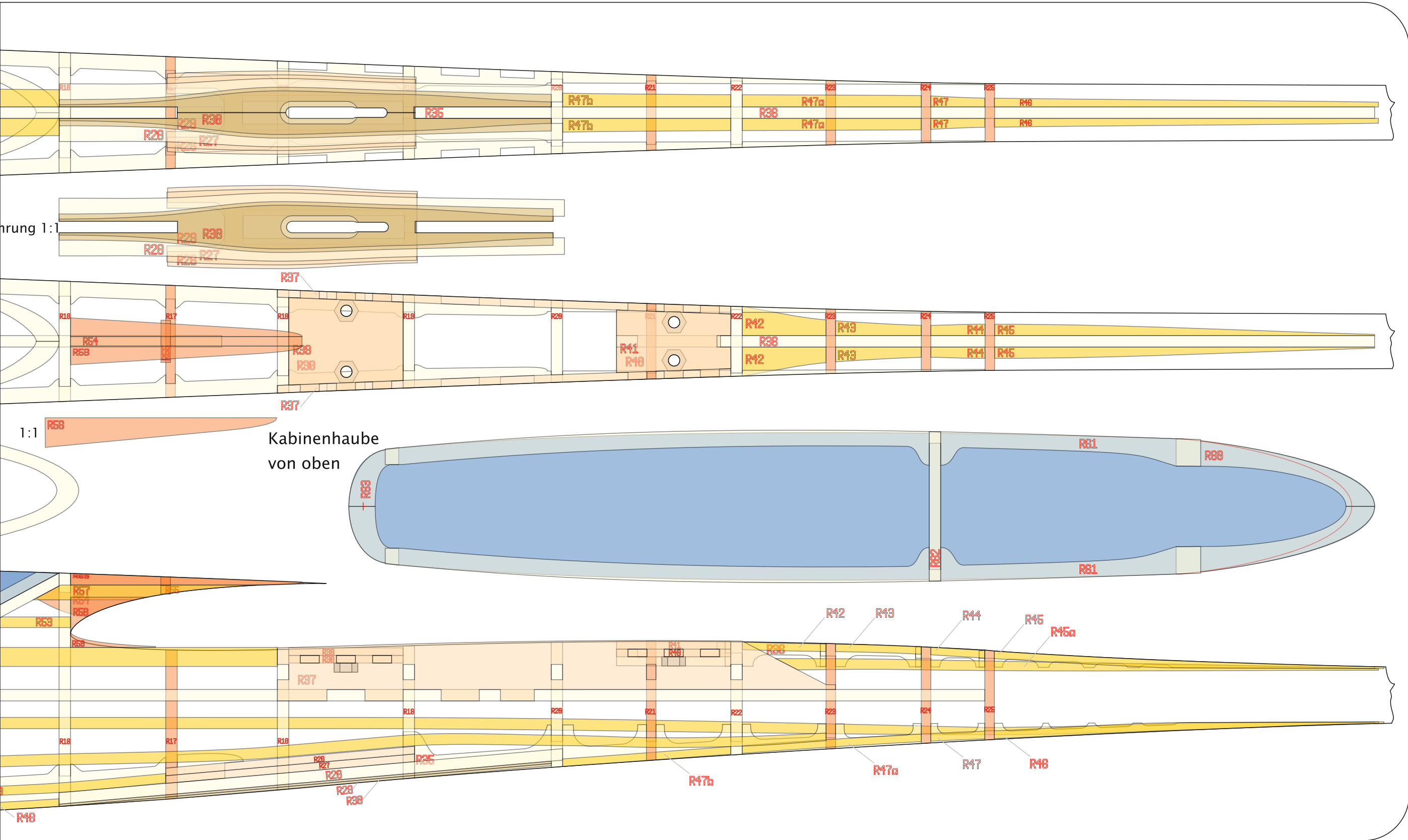
Hochstarthakenführung 1:1



Spantenplan Rumpf Seitenansicht ohne Servos, ohne Teile R66, R67

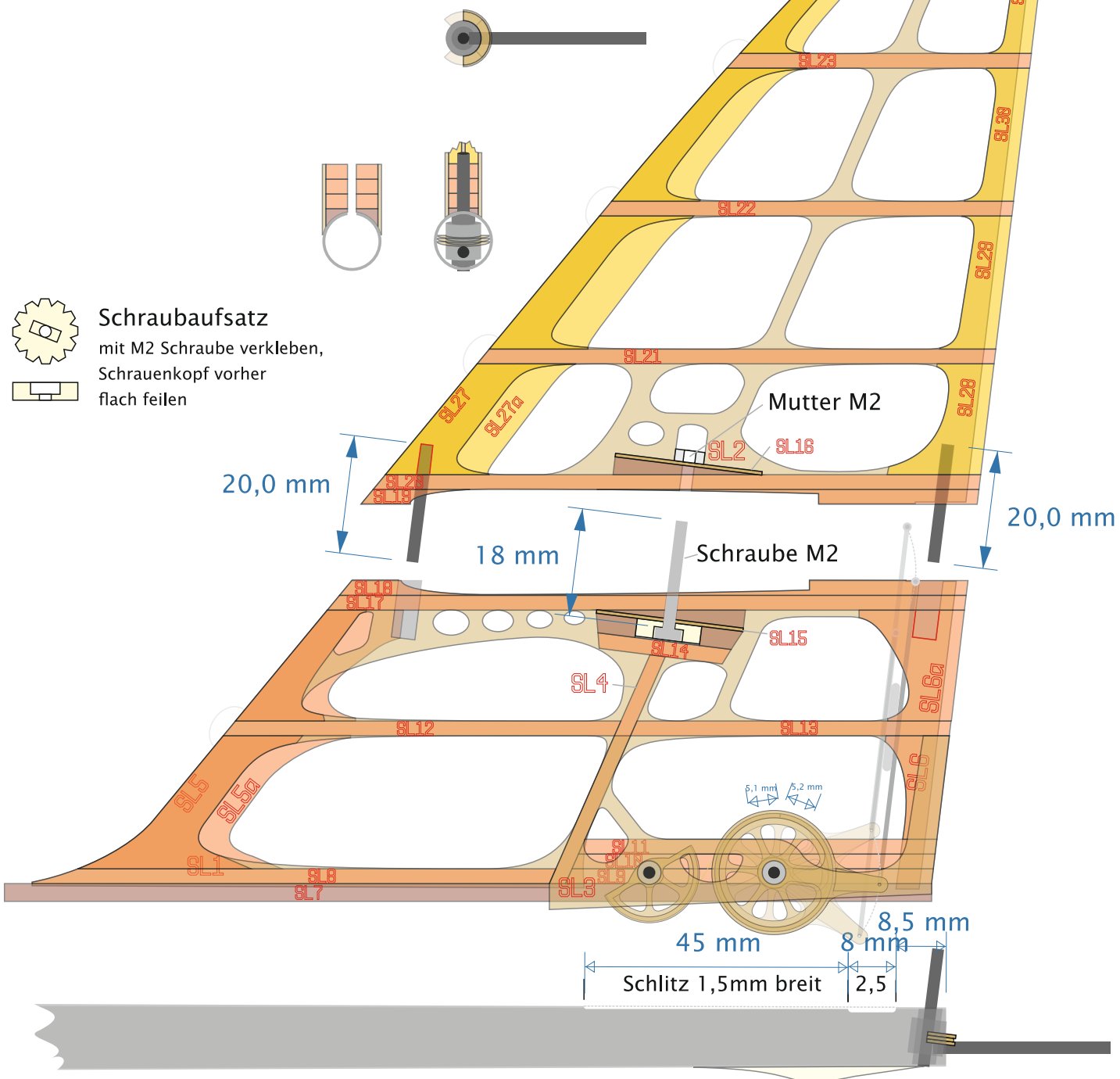






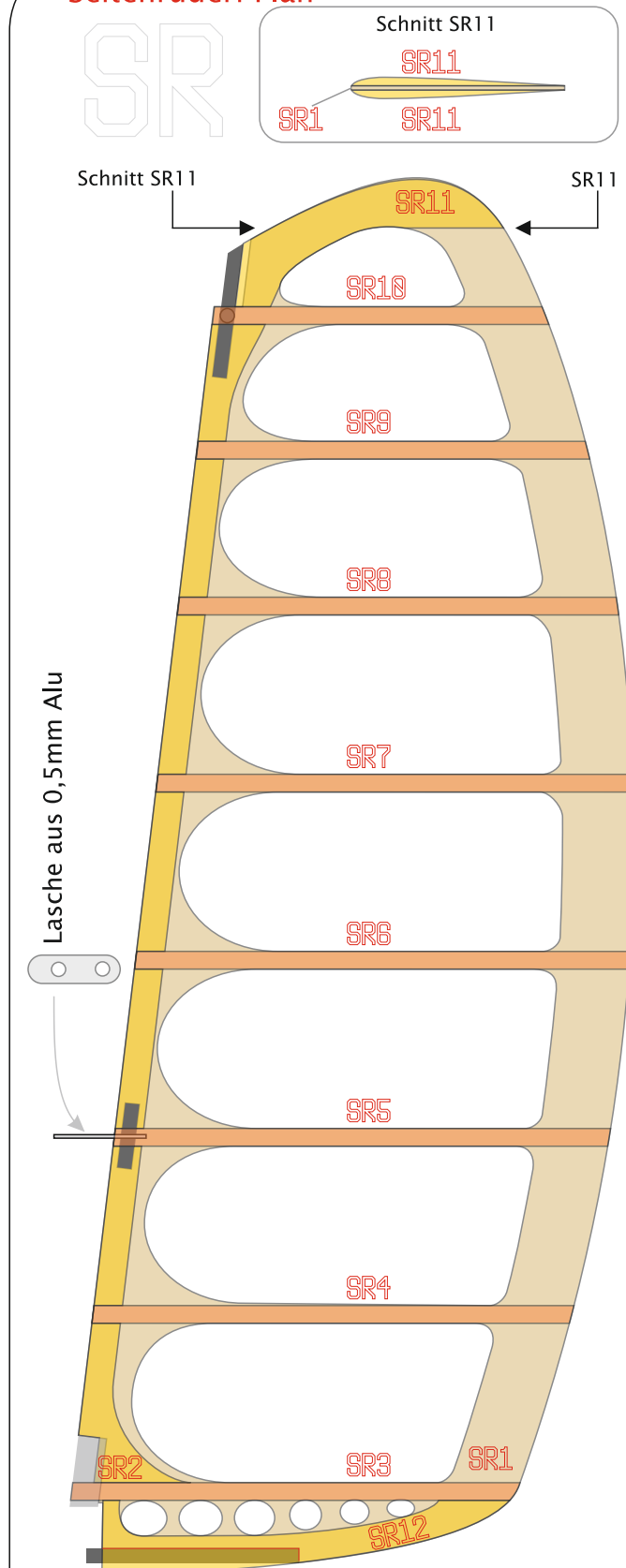
## Seitenleitwerk: Plan

SL



## Seitenruder: Plan

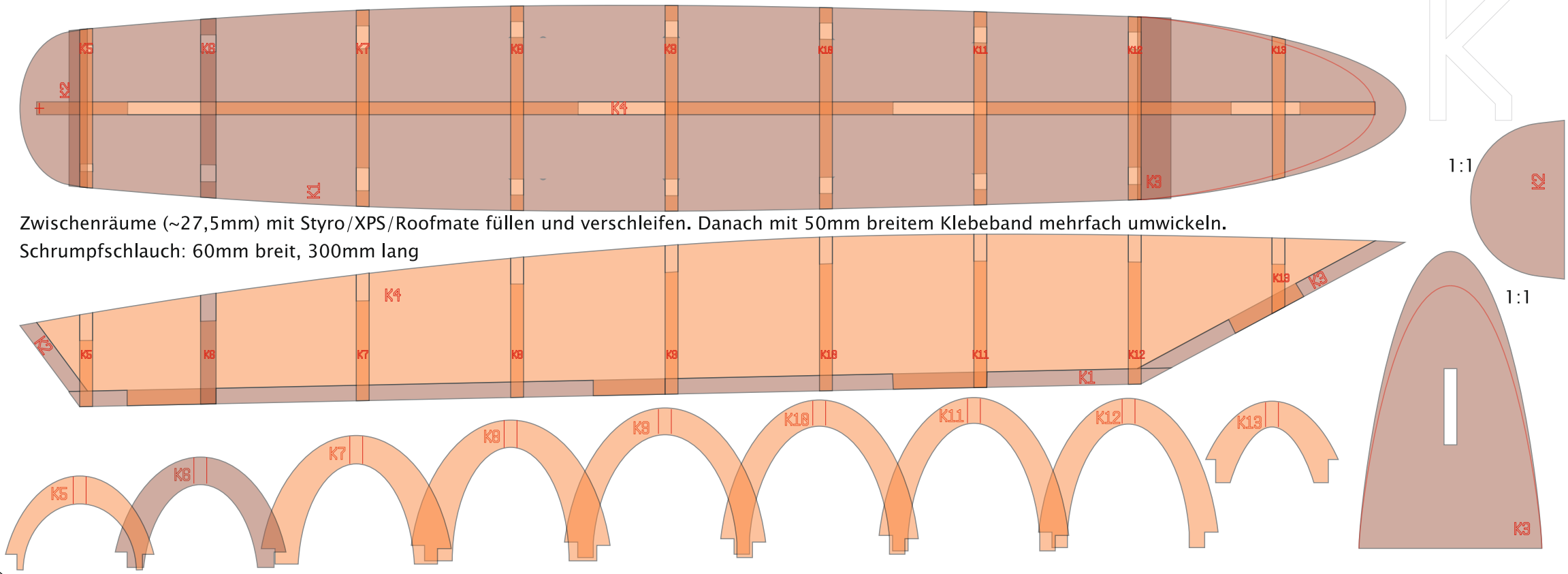
SR



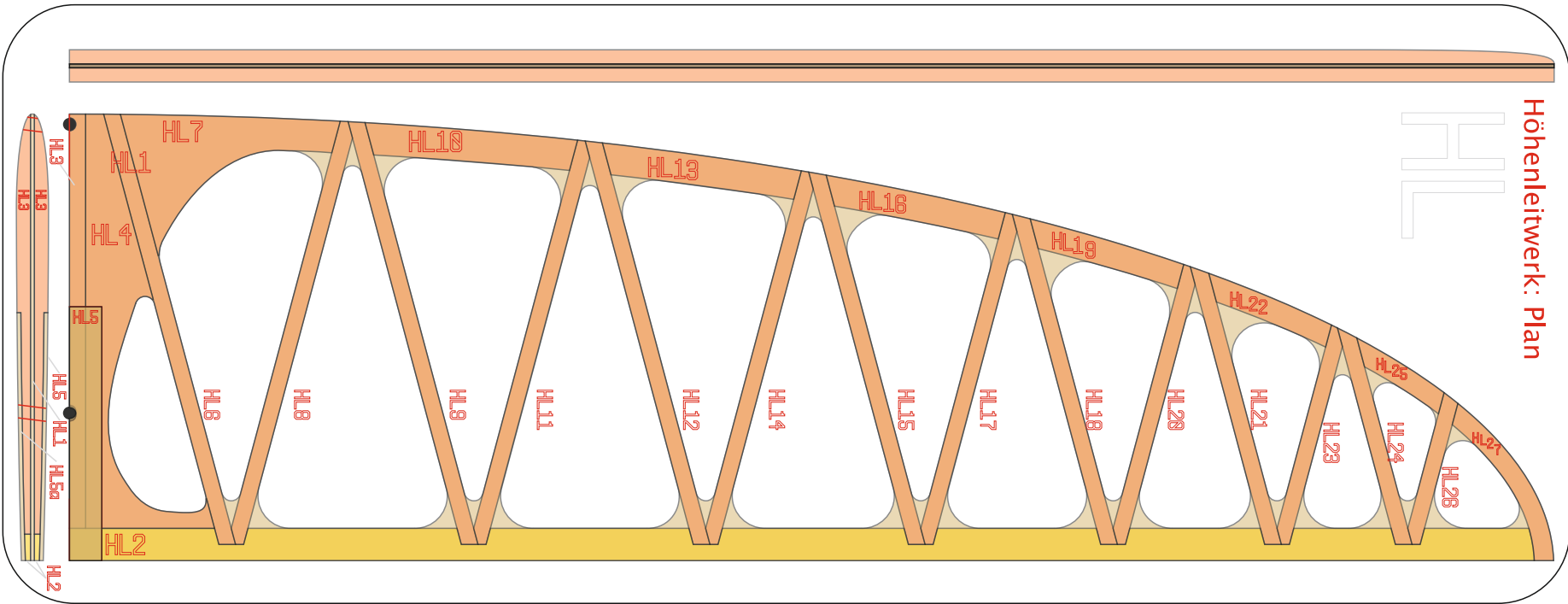


[illegible]

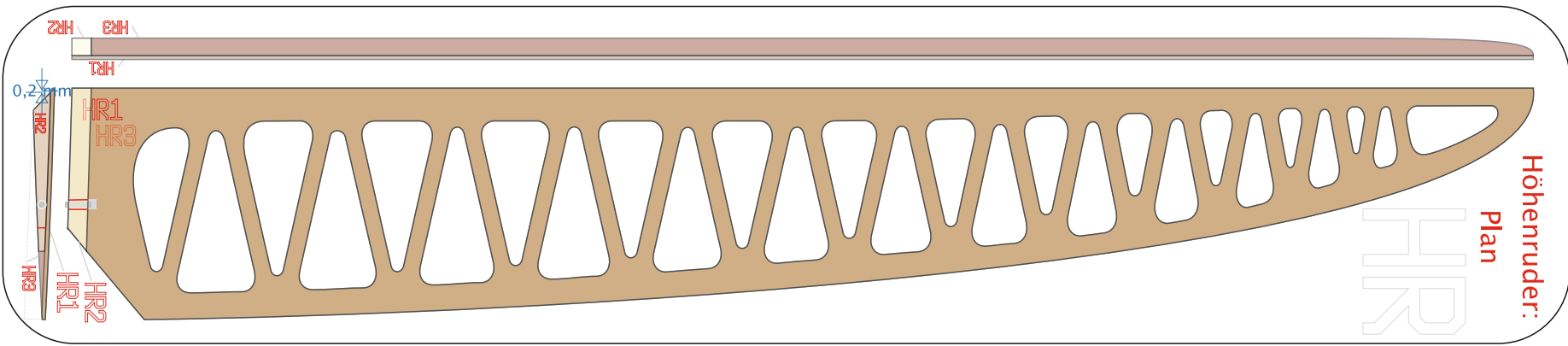
Kabinenhaubenteile – als Rohling für Schrumpfschlauch – Plan



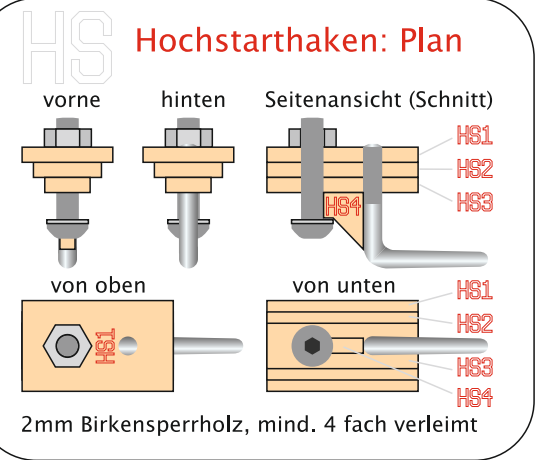
Zwischenräume (~27,5mm) mit Styro/XPS/Roofmate füllen und verschleifen. Danach mit 50mm breitem Klebeband mehrfach umwickeln.  
Schrumpfschlauch: 60mm breit, 300mm lang



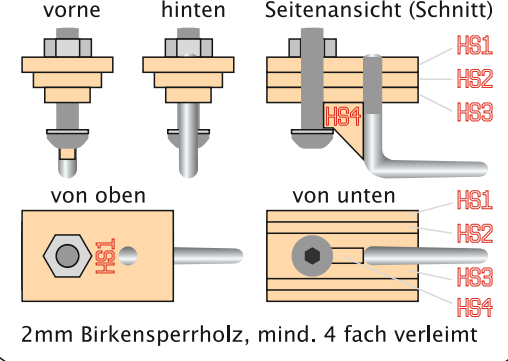
Höhenleitwerk: Plan



Höhenruder:  
Plan



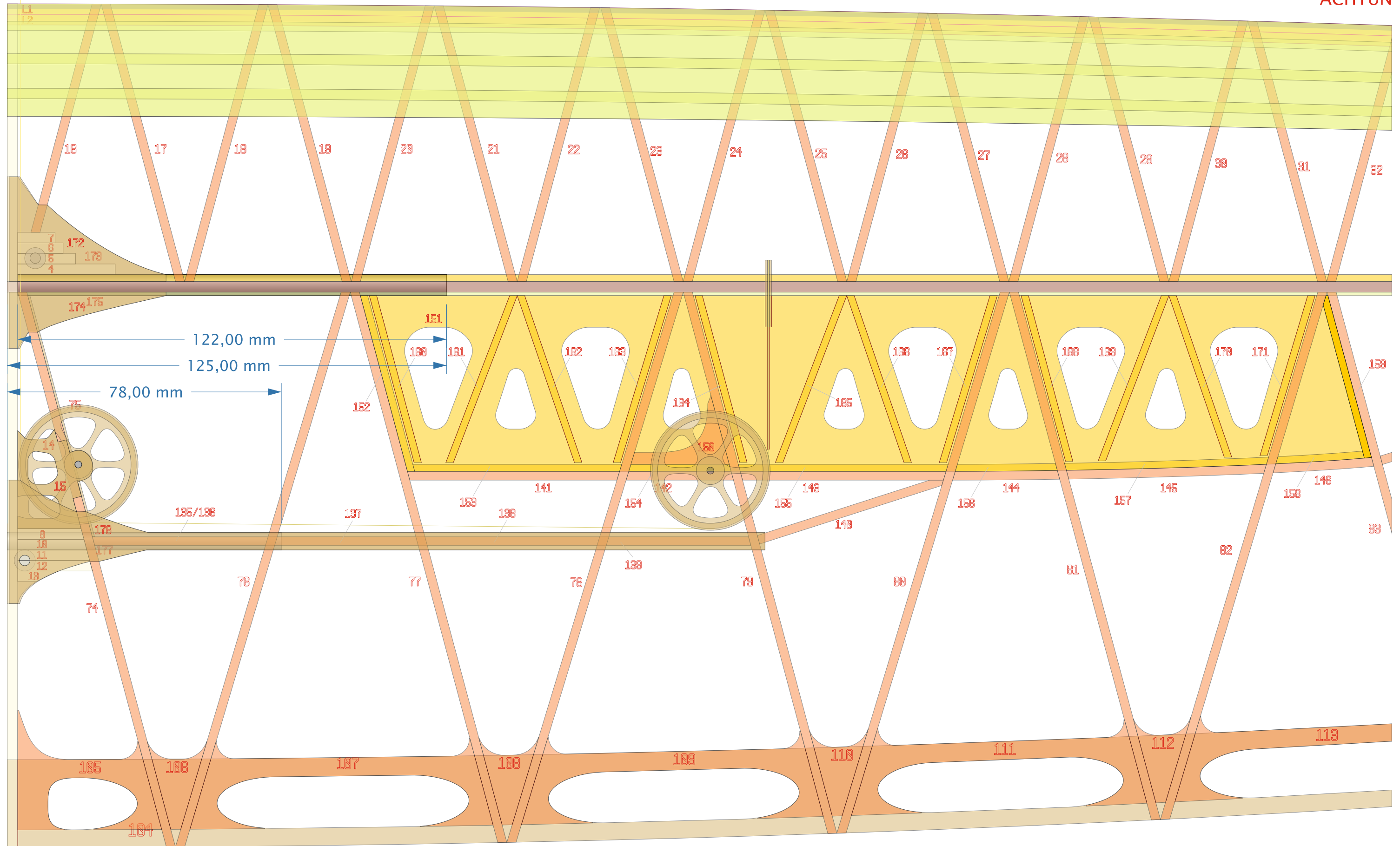
Hochstarthaken: Plan



2mm Birkensterrholz, mind. 4 fach verleimt

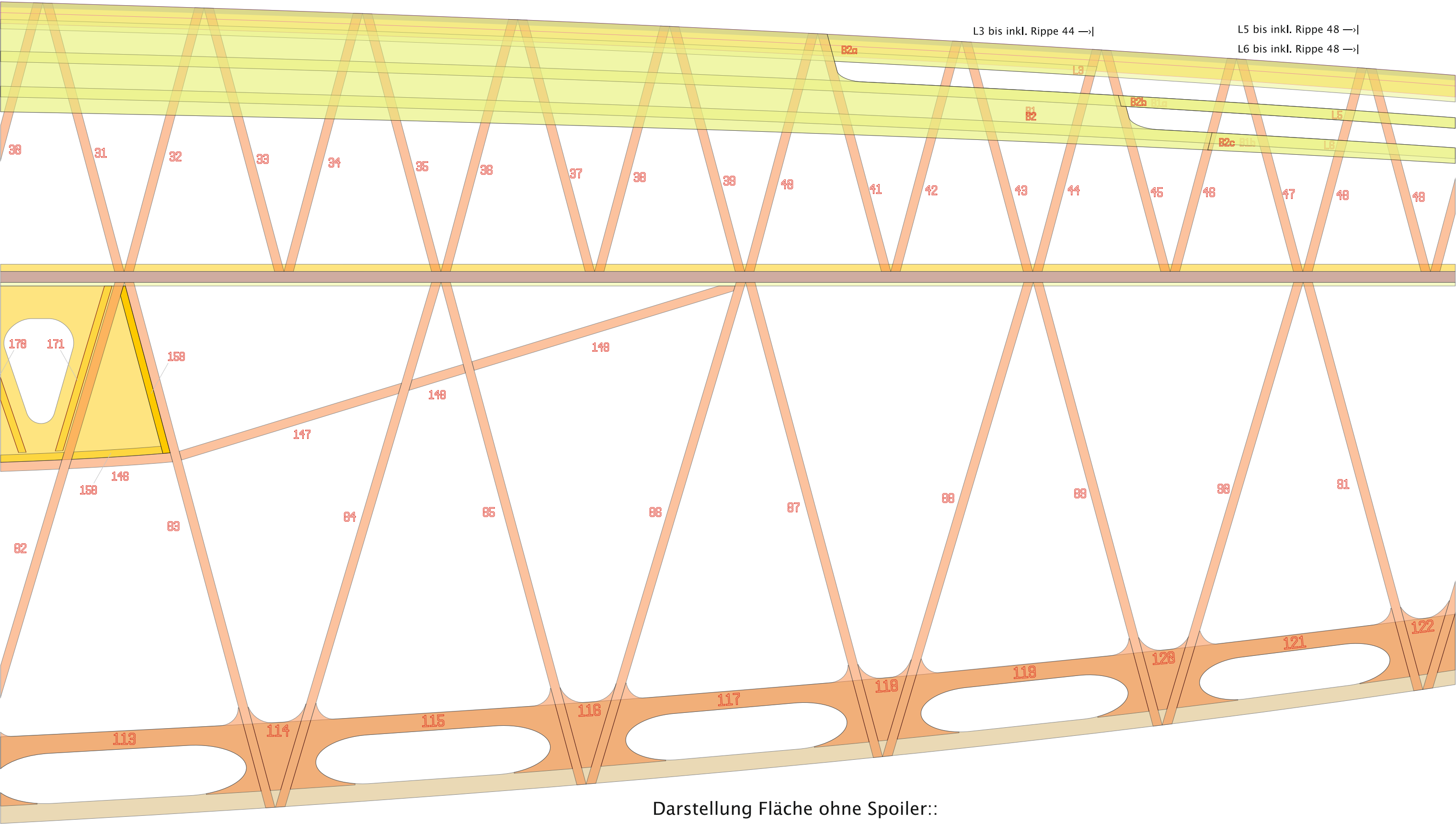
## Flächen – Plan

ACHTUN

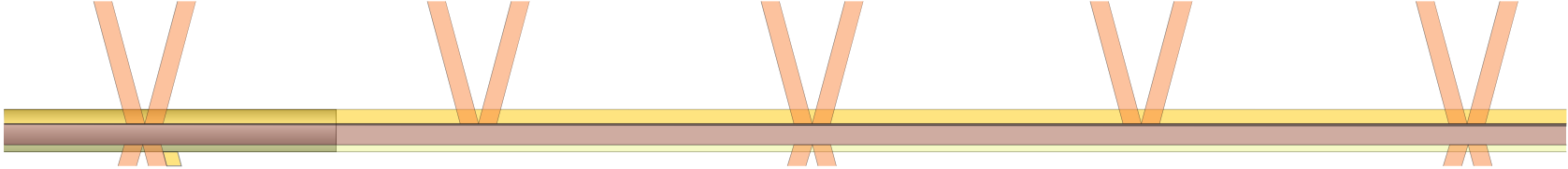


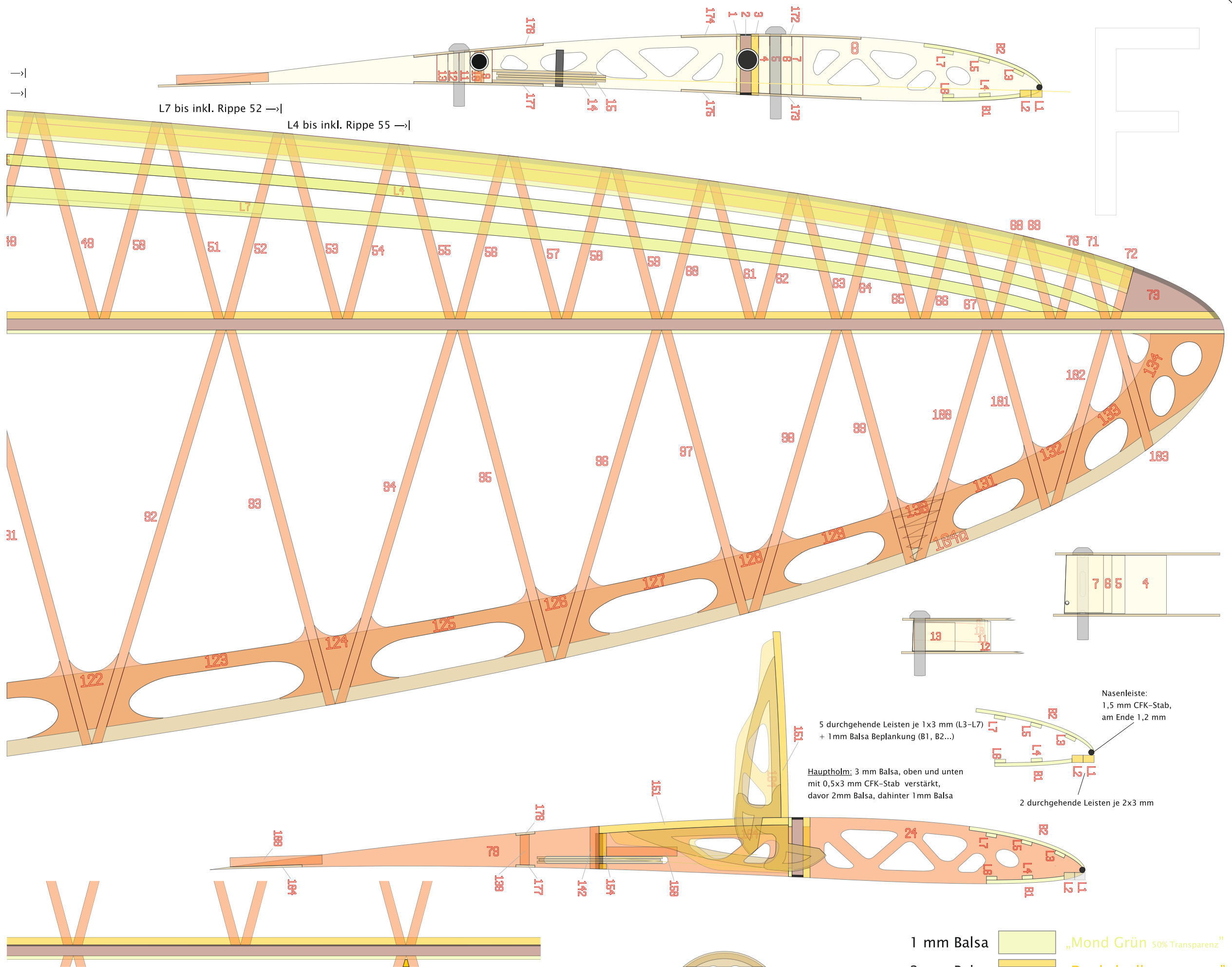


ACHTUNG: Darstellung der „PLANEN“ Fläche, ohne V und ohne Biegung (=Abgerollt an Profalnase)

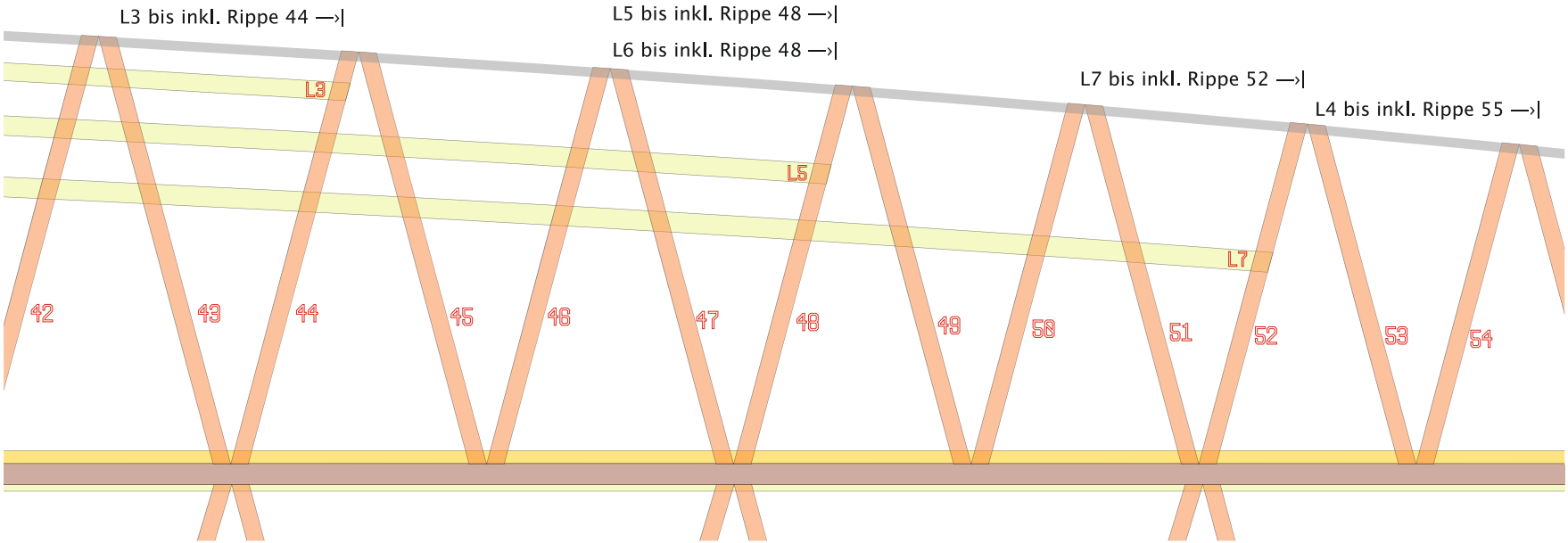


Darstellung Fläche ohne Spoiler::

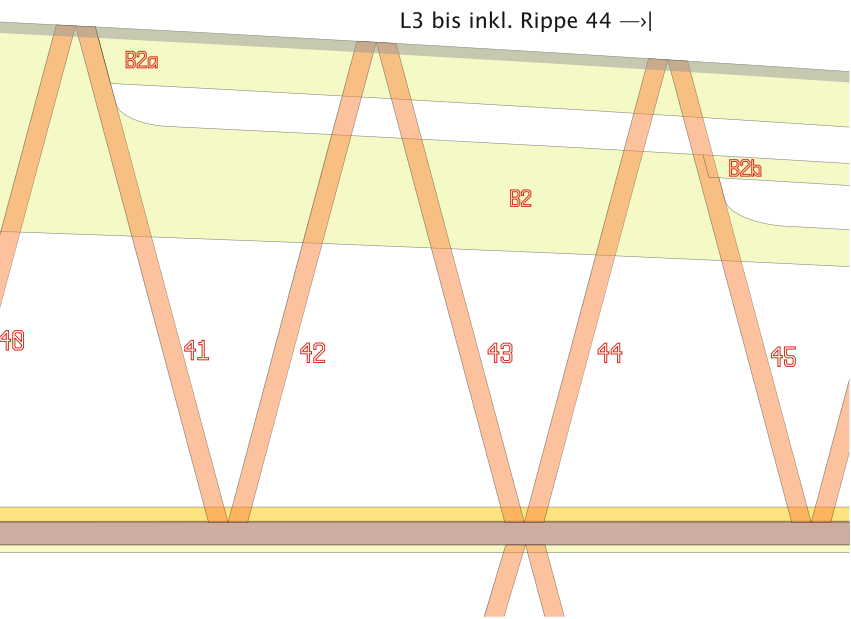




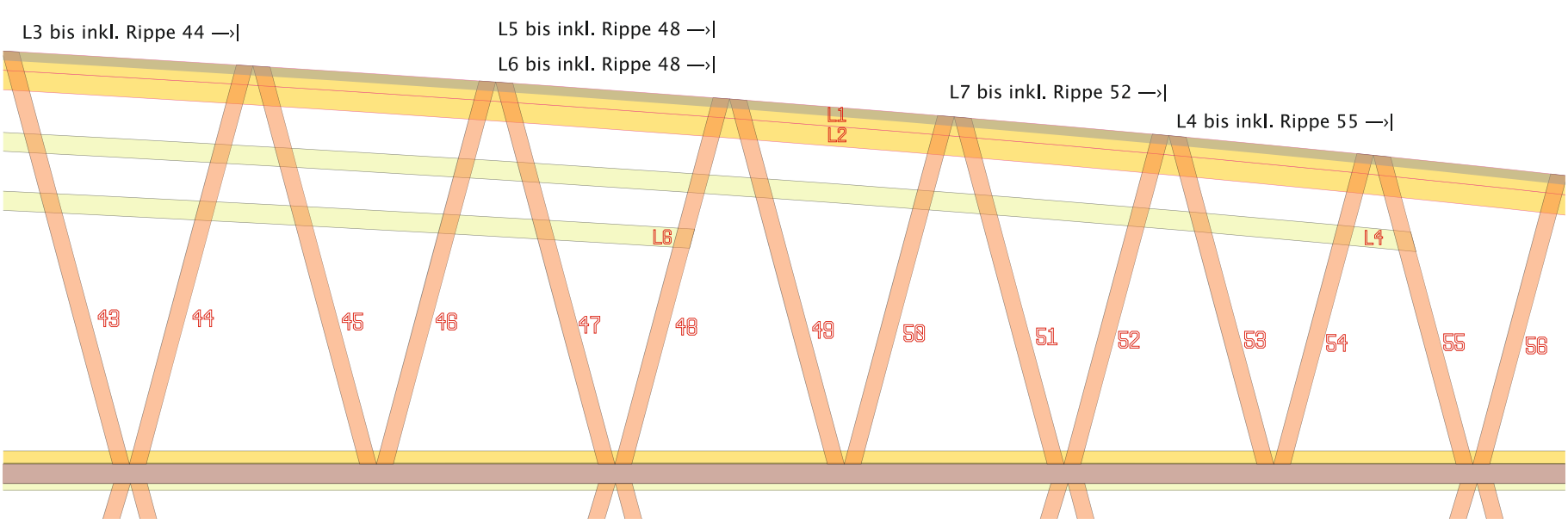
Ausschnitt: Flügelvorderkante – nur Oberseite, aber ohne Beplankung B1, B1a, B1c



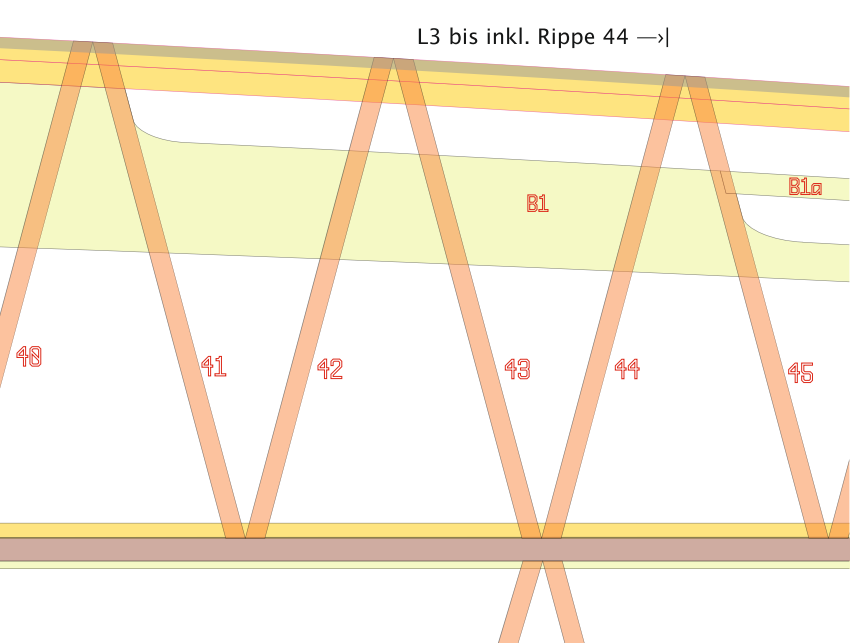
Ausschnitt: Flügelvorderkante – nur Oberseite,



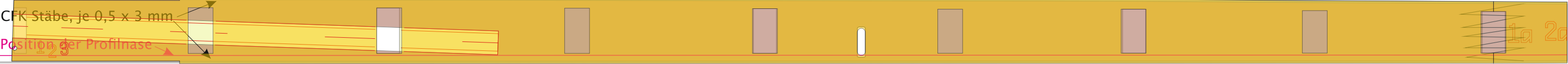
Ausschnitt: Flügelvorderkante – nur Unterseite, aber ohne Beplankung B1, B1a, B1b



Ausschnitt: Flügelvorderkante – nur Unterseite,

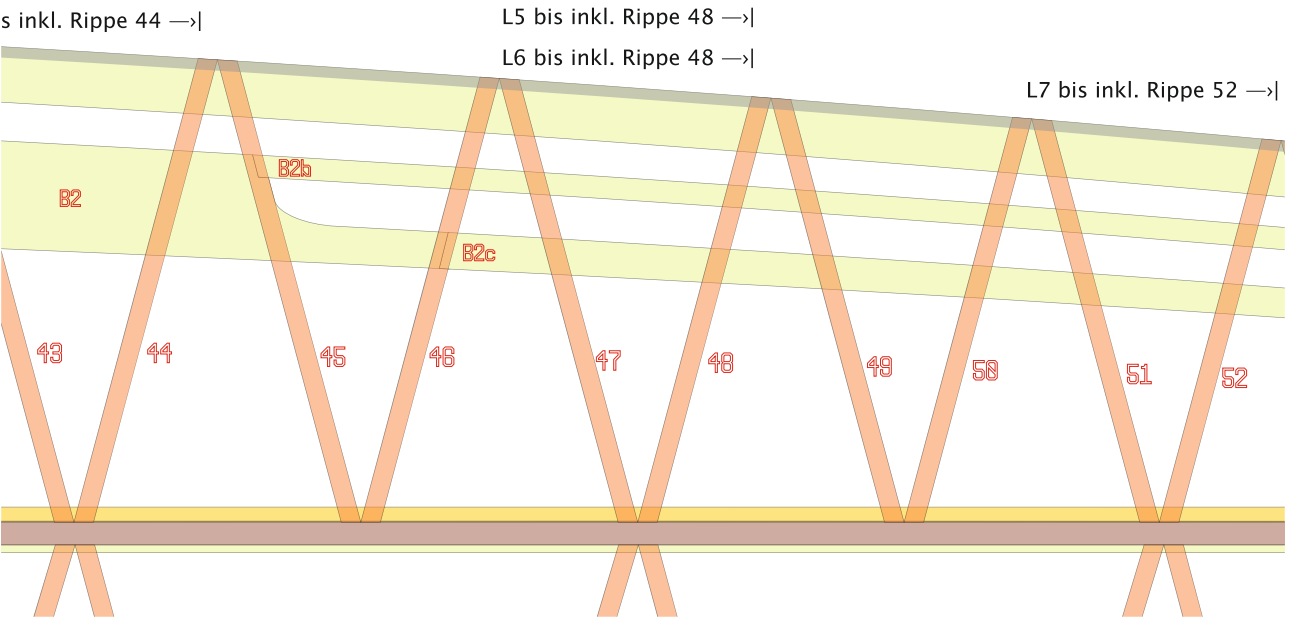


2° V-je Seite bei Wurzelrippe

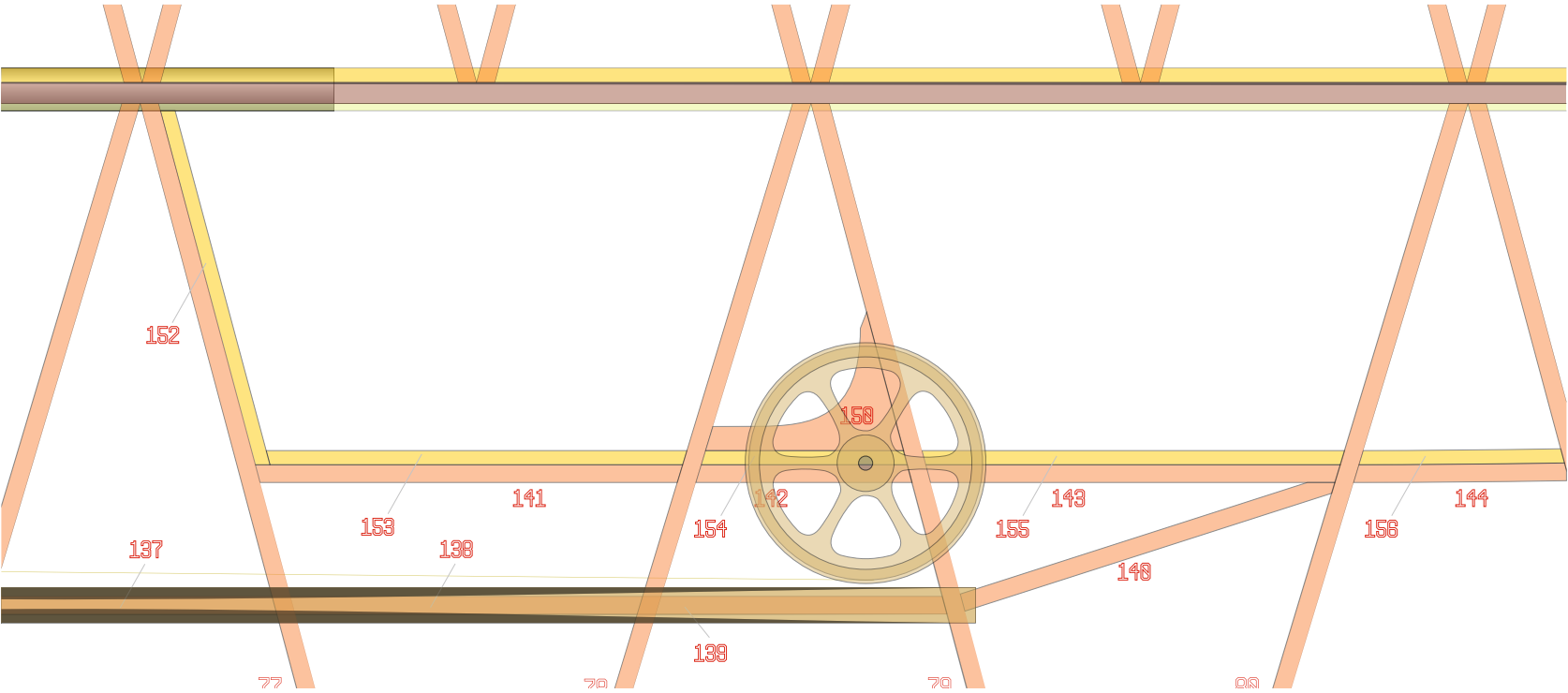
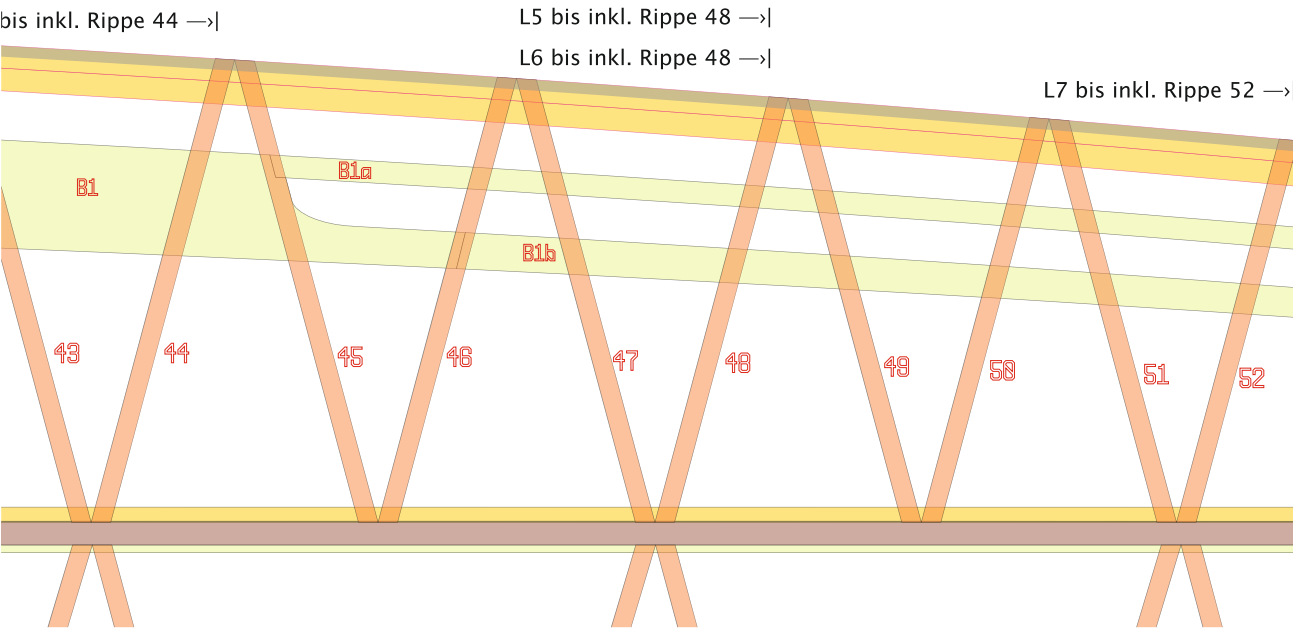




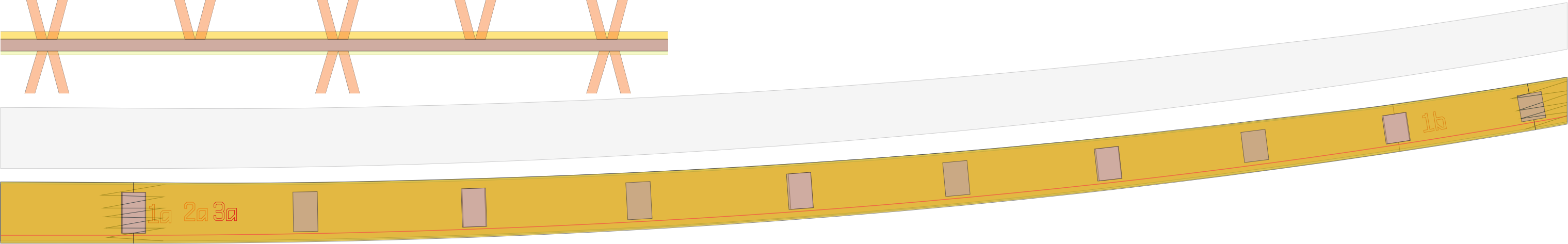
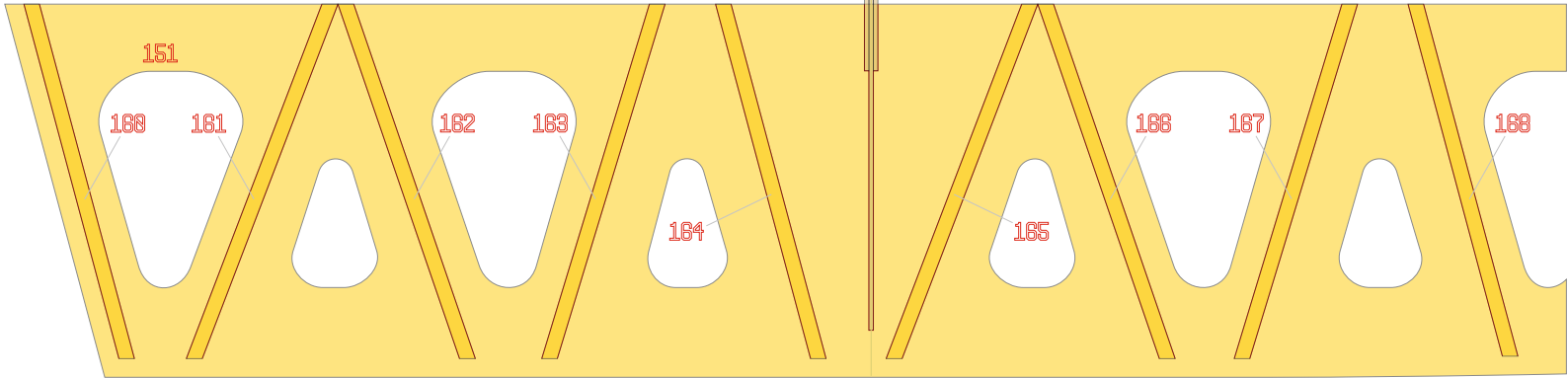
kante – nur Oberseite, aber ohne Leisten L3, L5, L7

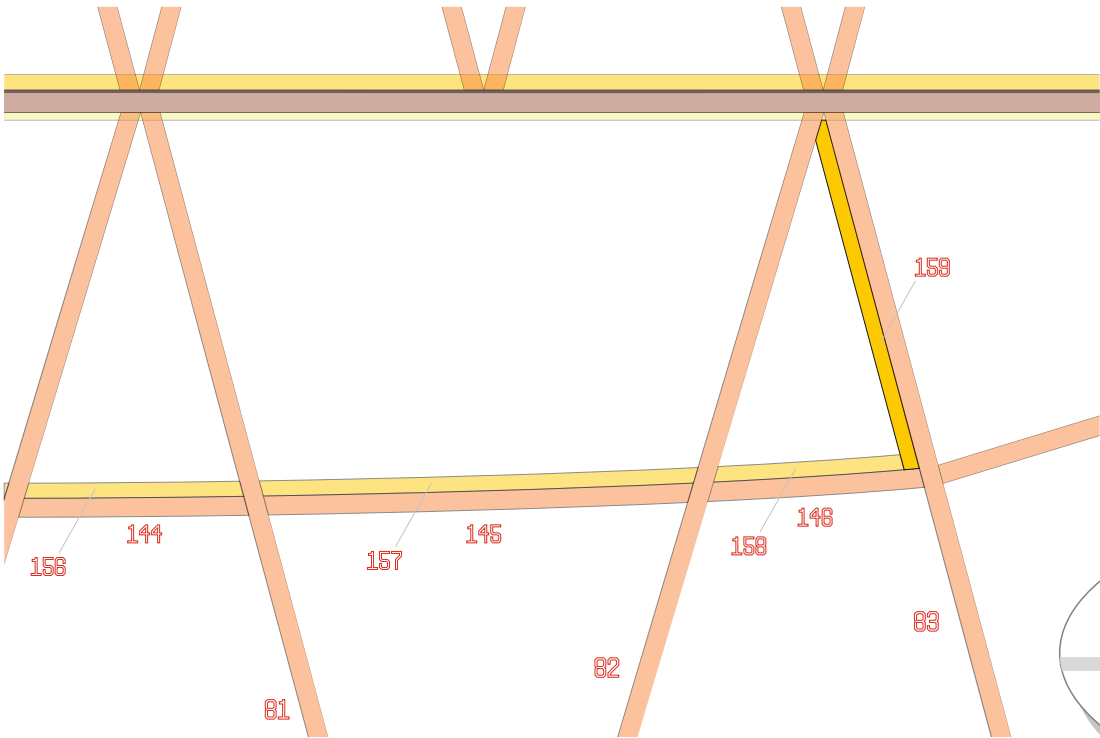


kante – nur Unterseite, aber ohne Leisten L4 und L6



Spoiler:

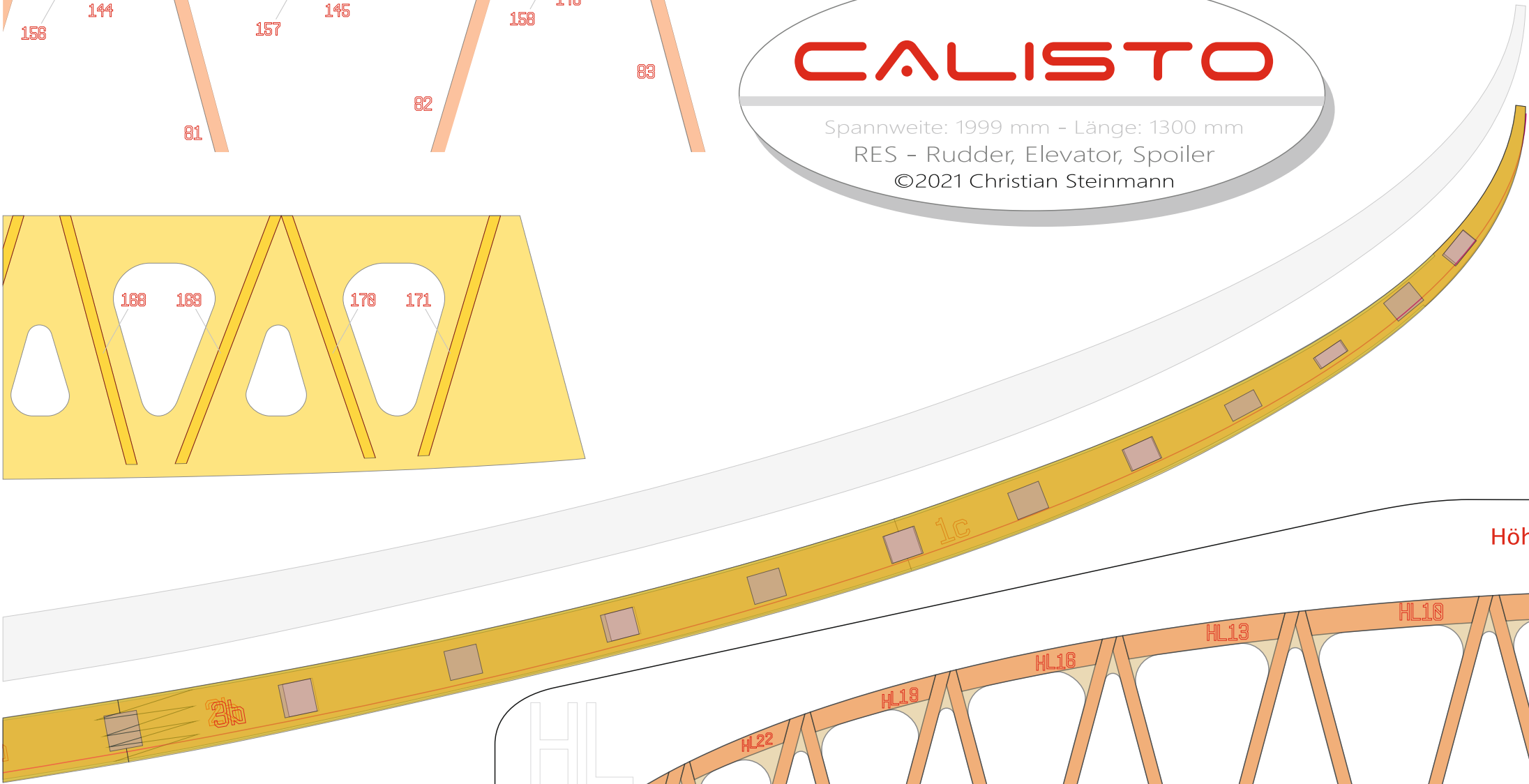
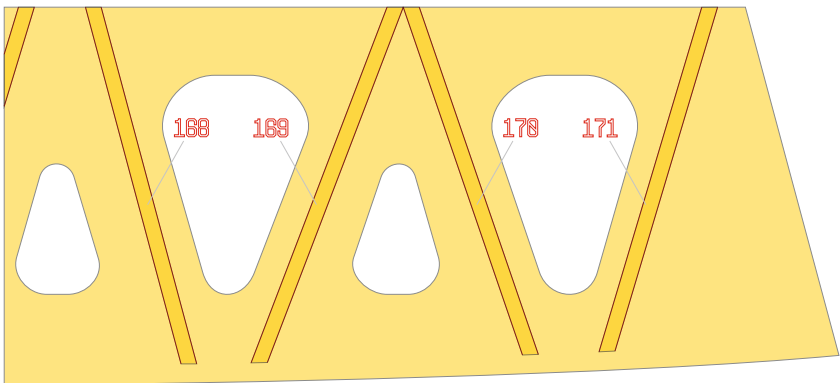




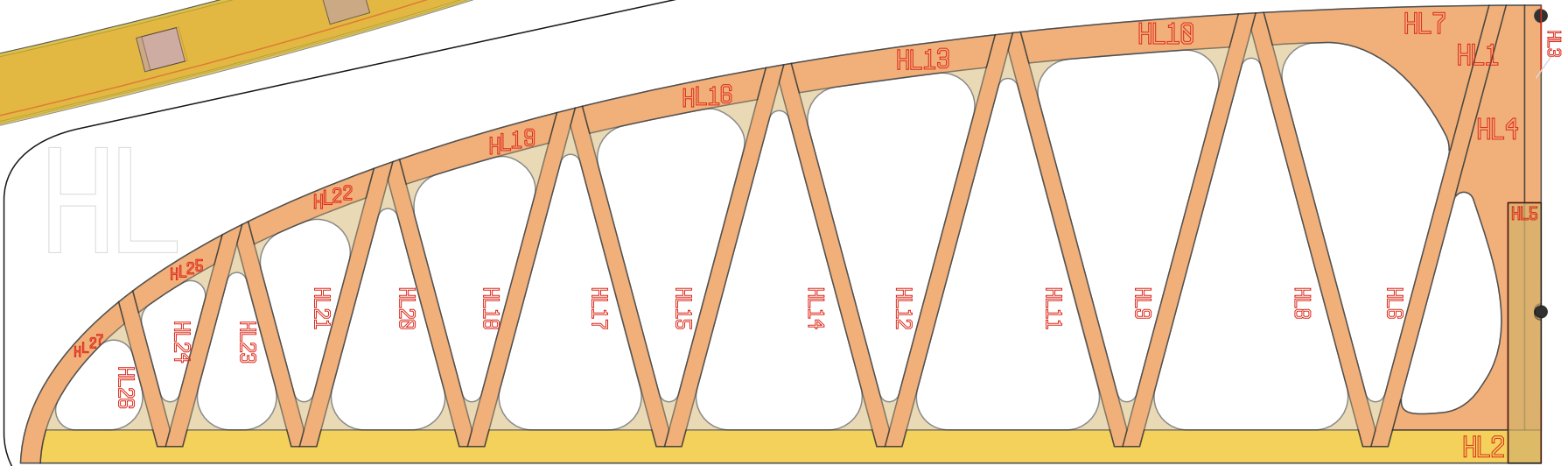
- |                        |  |                                |
|------------------------|--|--------------------------------|
| 1 mm Balsa             |  | „Mond Grün 50% Transparenz”    |
| 2 mm Balsa             |  | „Dunkelgelb 50% Transparenz”   |
| 2,5 mm Balsa           |  | „Herbstorange 50% Transparenz” |
| 3 mm Balsa             |  | „Rubinrot 50% Transparenz”     |
| 0,6 mm Birkensperrholz |  | „Gold 50% Transparenz”         |
| 2 mm Birkensperrholz   |  | „Sand 50% Transparenz”         |
| 3 mm Pappelsperholz    |  | „Blaßgelb 50% Transparenz”     |

CALISTO

Spannweite: 1999 mm - Länge: 1300 mm  
RES - Rudder, Elevator, Spoiler  
©2021 Christian Steinmann

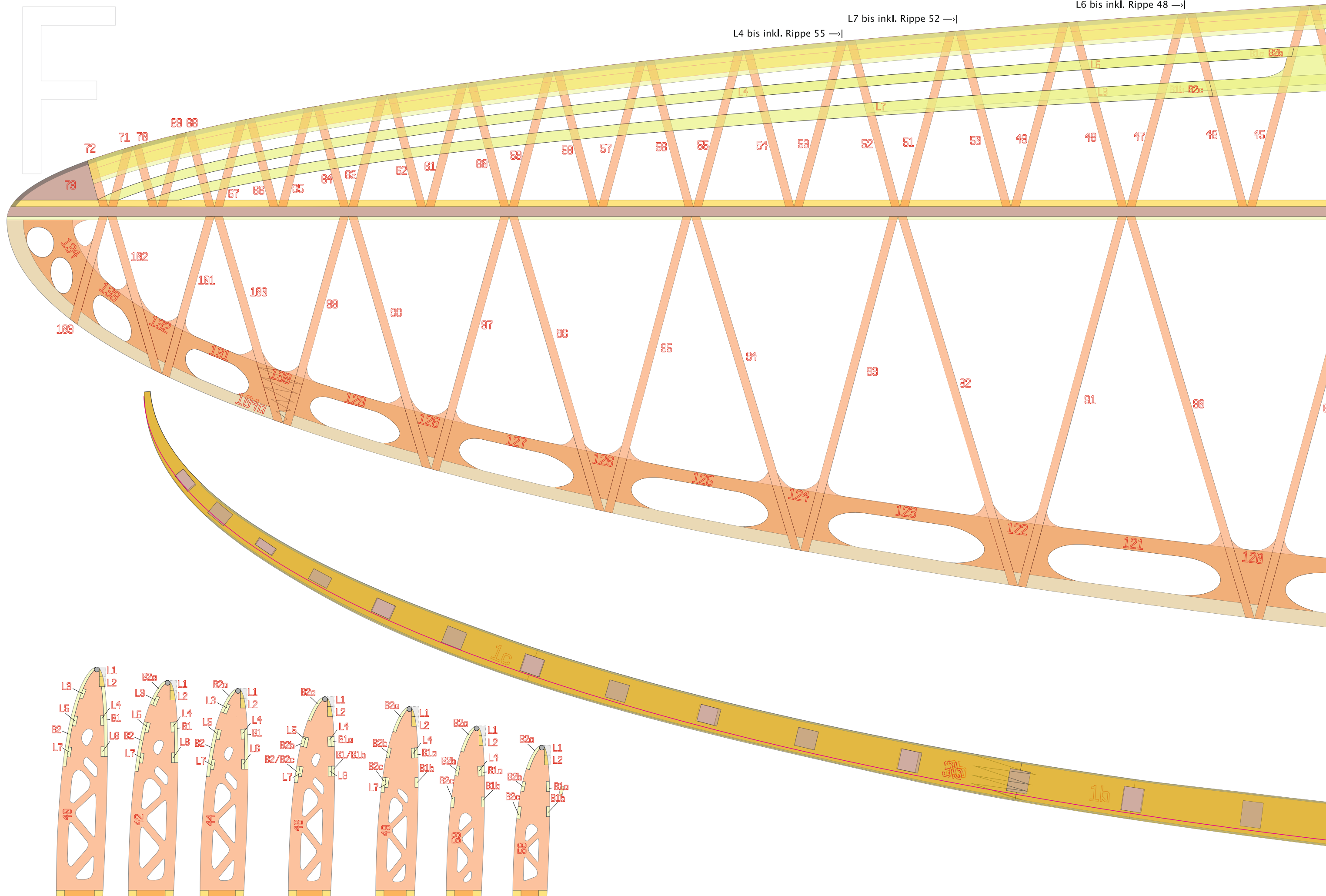


Höhenleitwerk: Plan



L5 bis inkl. Rippe 48 → | L3

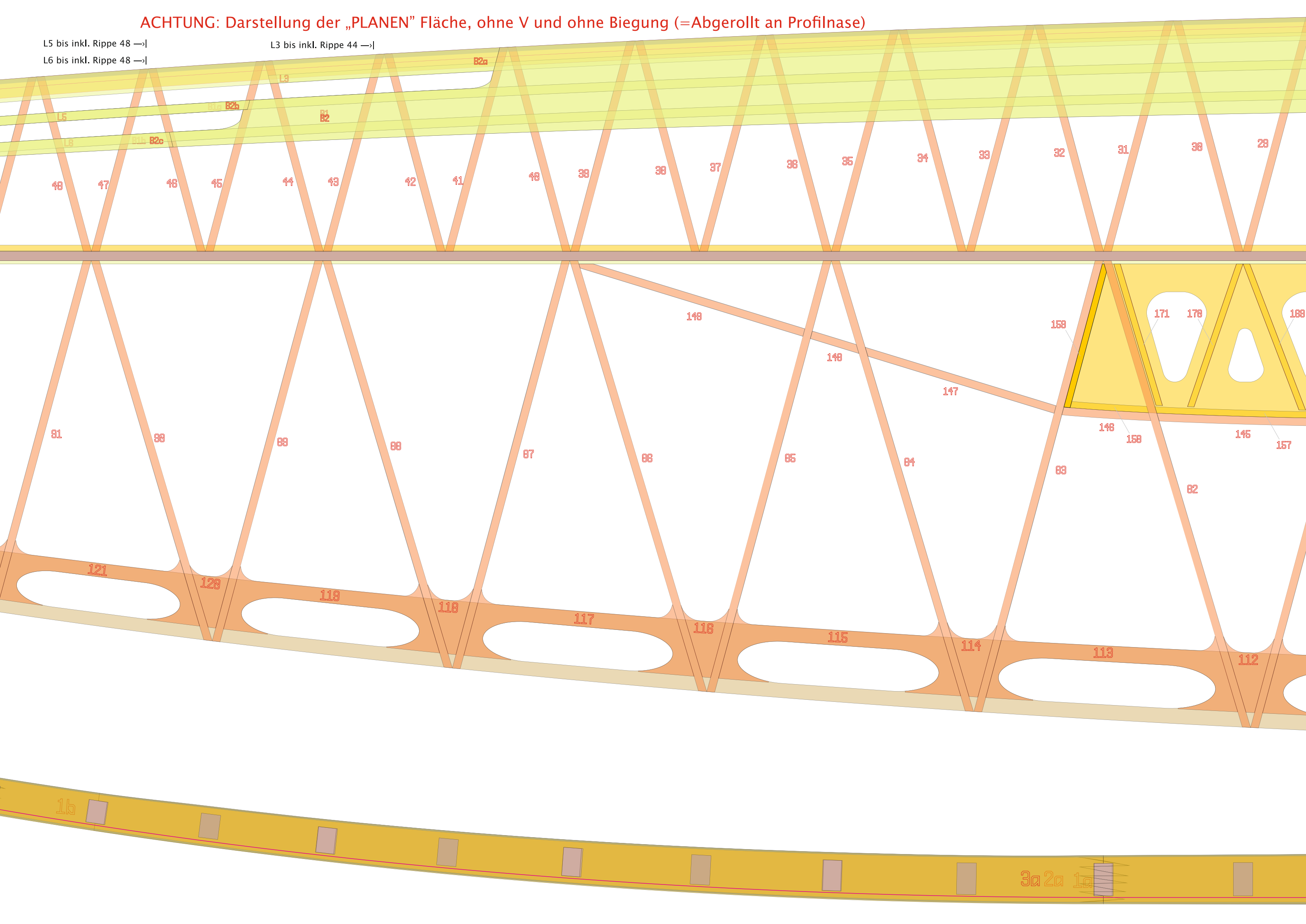
L6 bis inkl. Rippe 48 → |



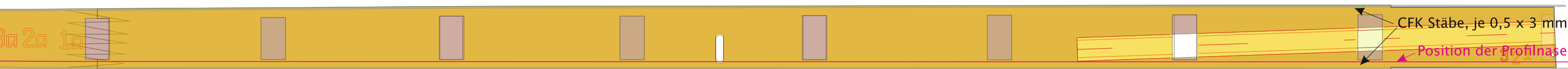
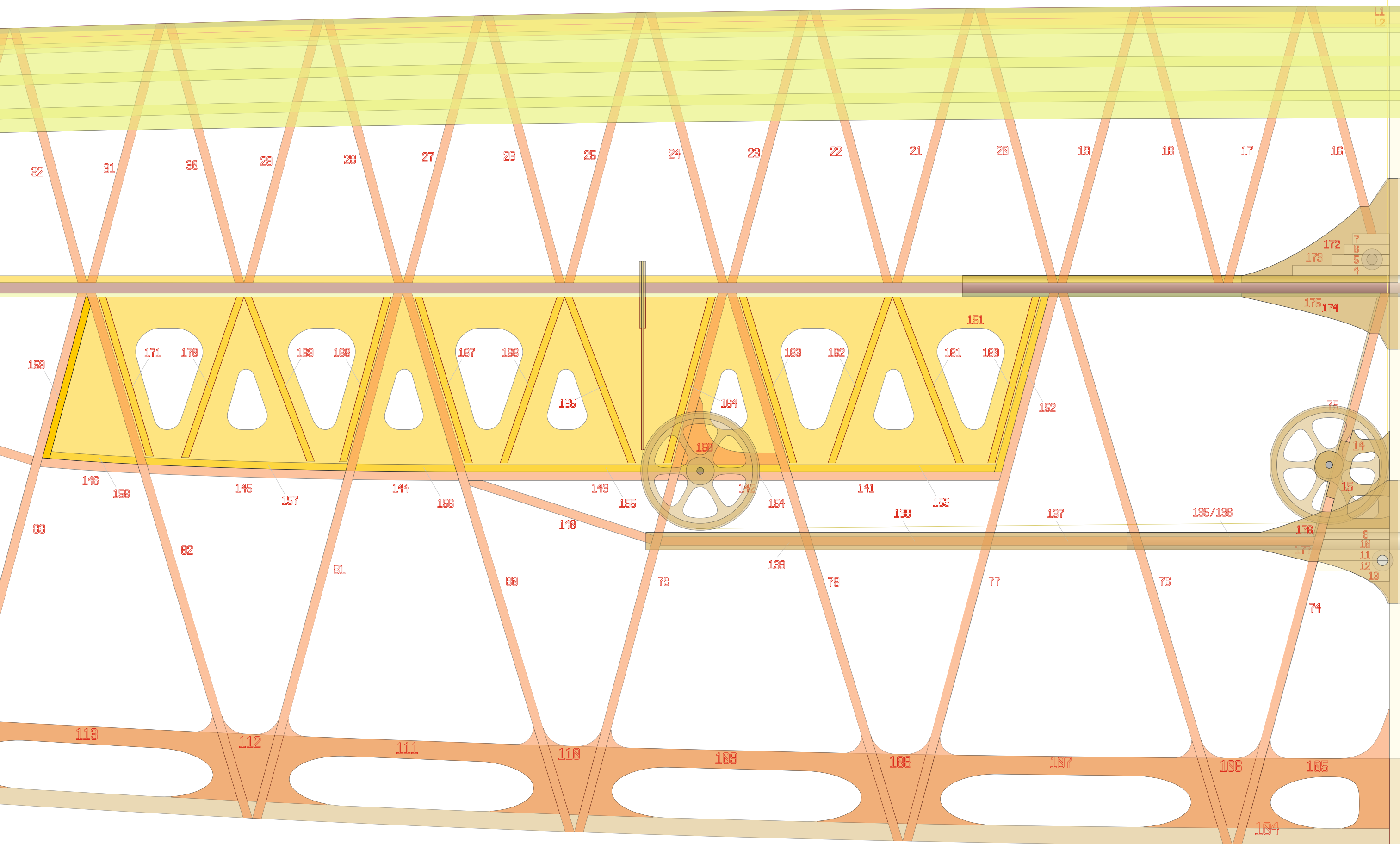
ACHTUNG: Darstellung der „PLANEN“ Fläche, ohne V und ohne Biegung (=Abgerollt an Profilnase)

L5 bis inkl. Rippe 48 →|  
L6 bis inkl. Rippe 48 →|

L3 bis inkl. Rippe 44 →|

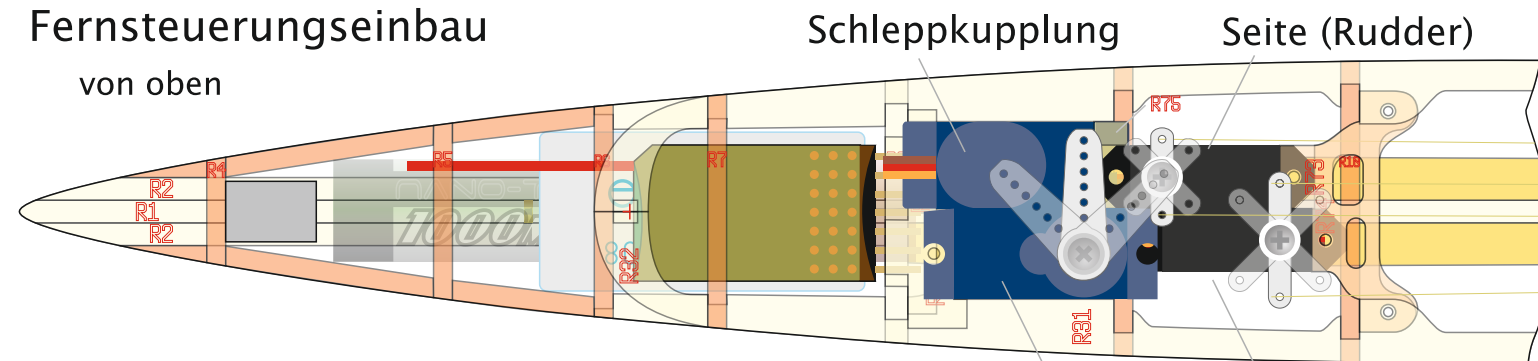




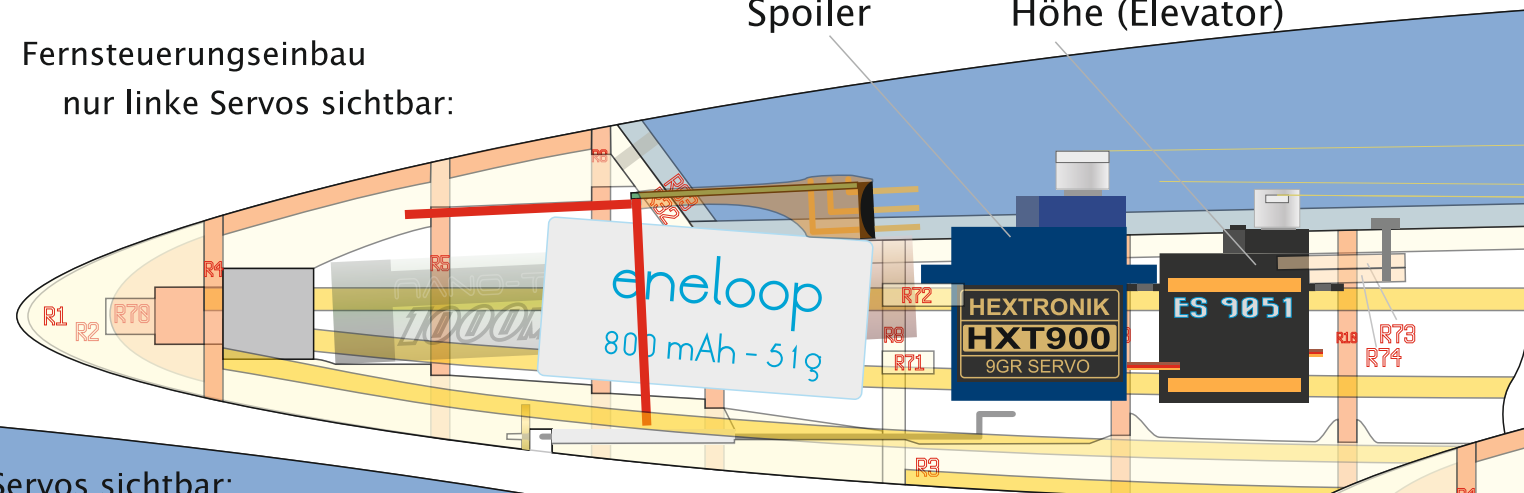


## Fernsteuerungseinbau

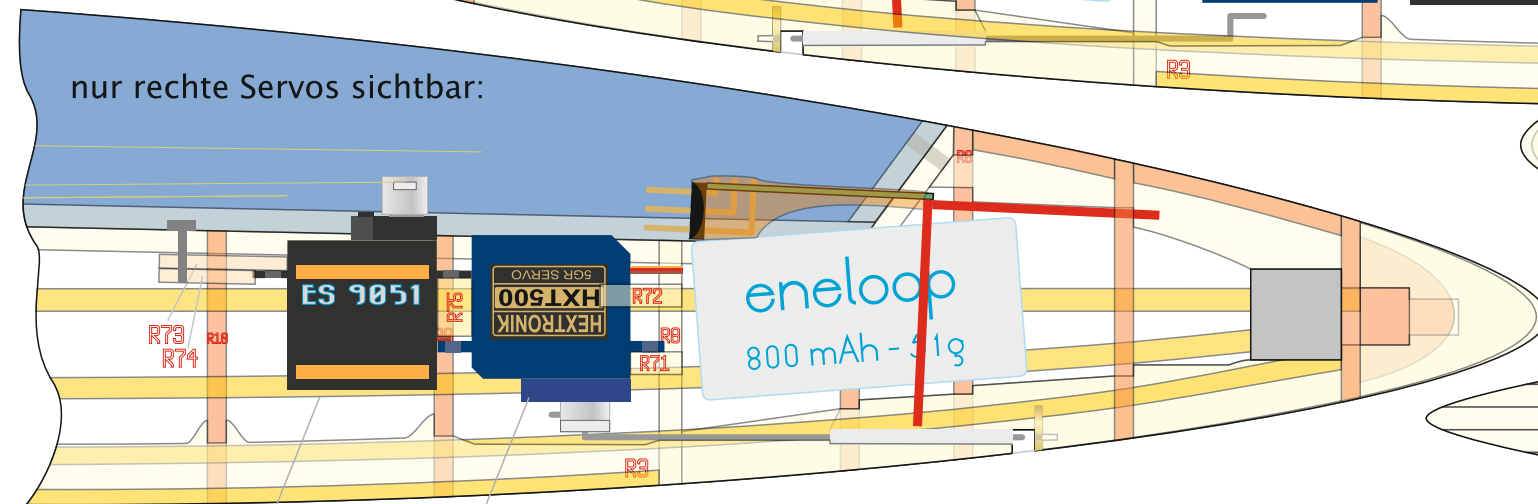
von oben



Fernsteuerungseinbau  
nur linke Servos sichtbar:



nur rechte Servos sichtbar:



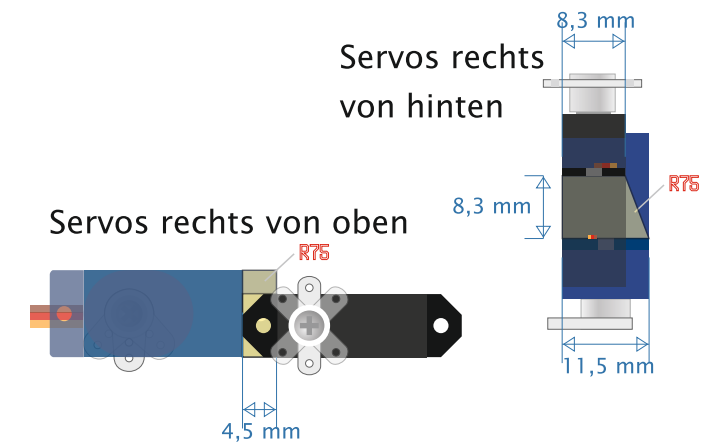
Seite (Rudder) Schleppkupplung

Seite (Rudder)

Spoiler

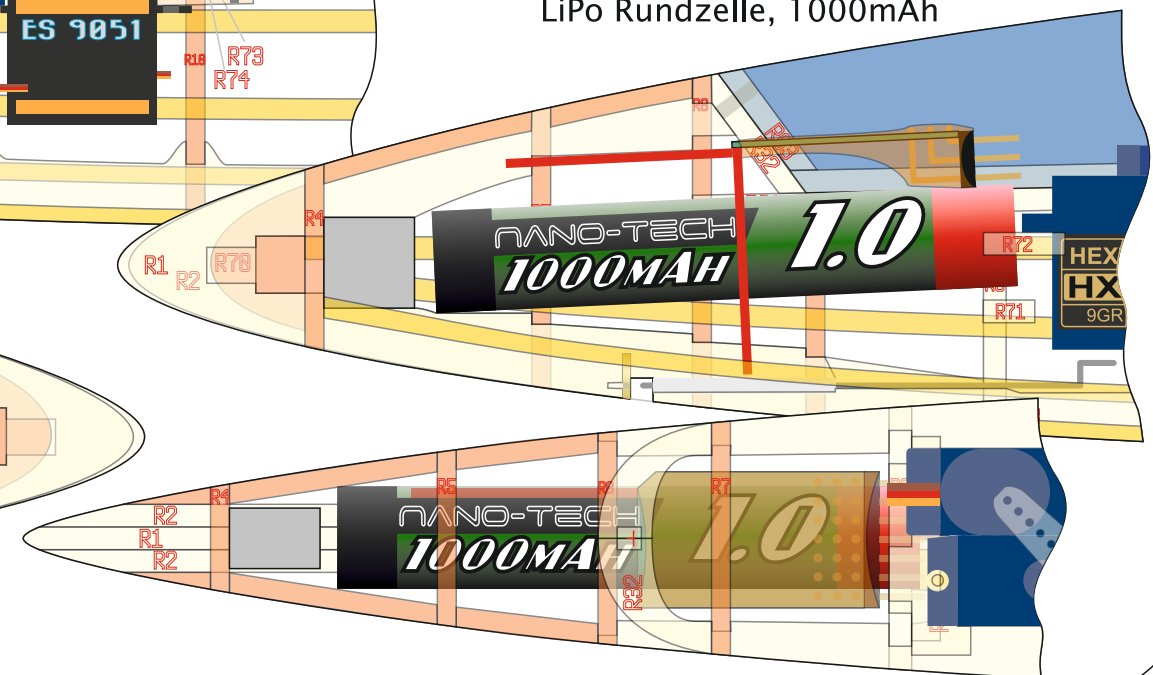
Höhe (Elevator)

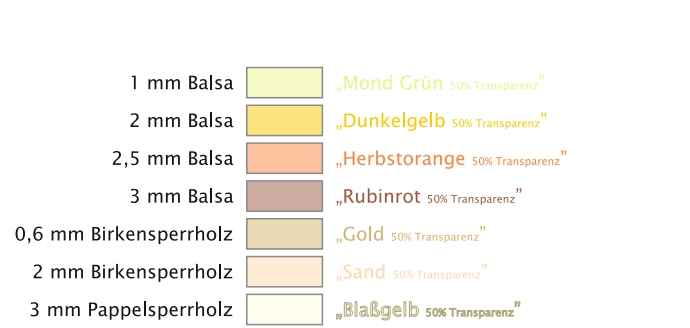
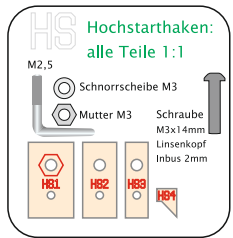
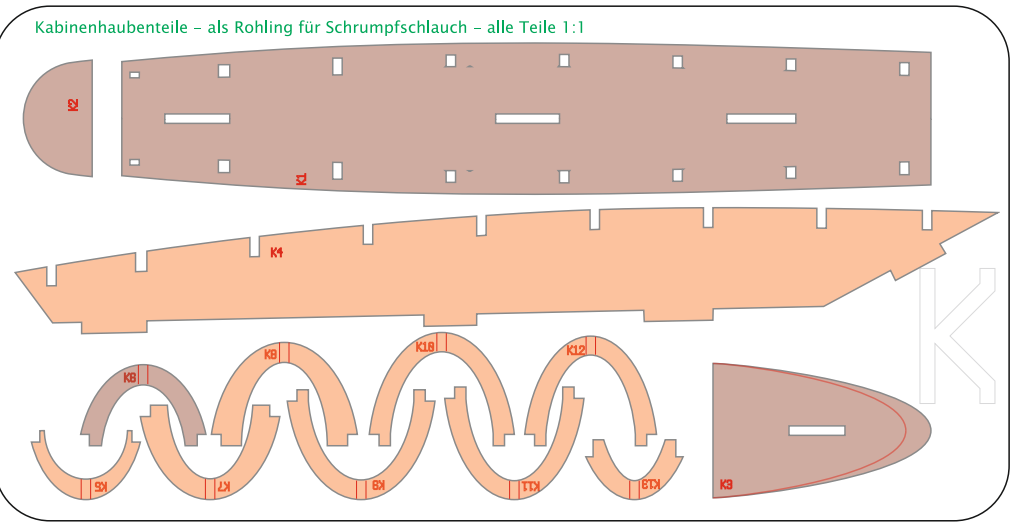
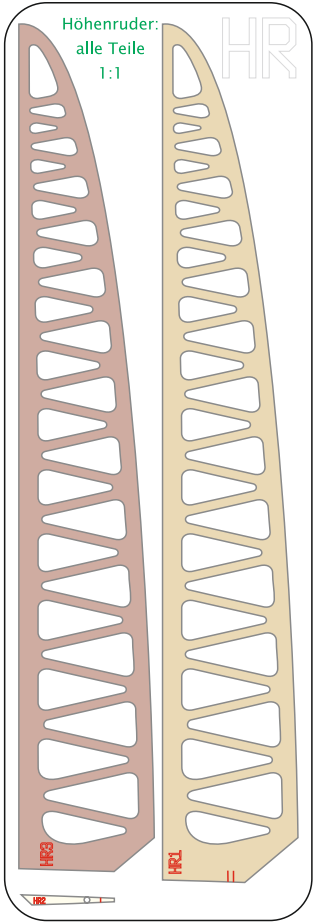
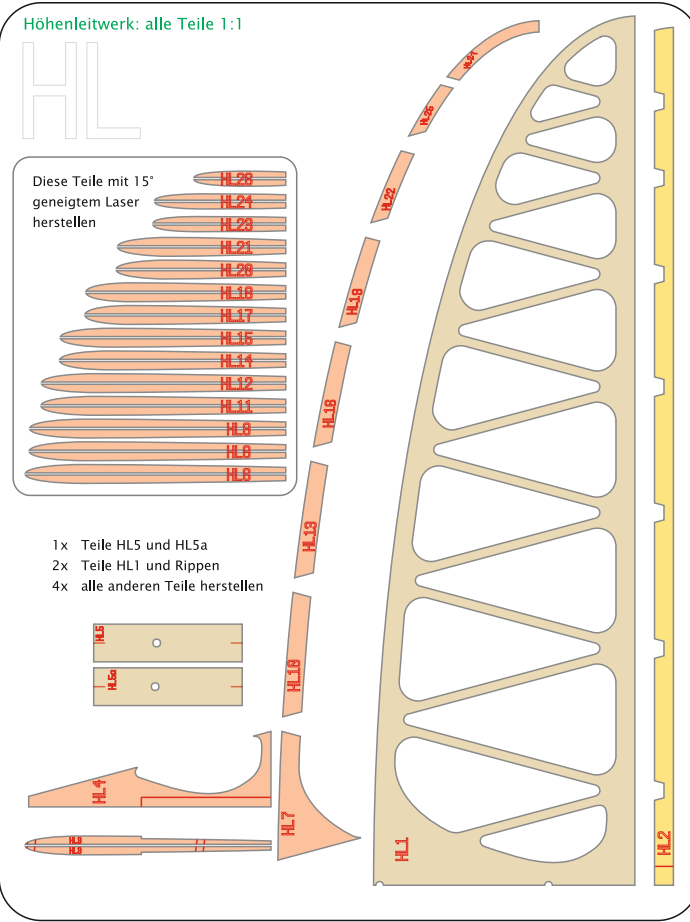
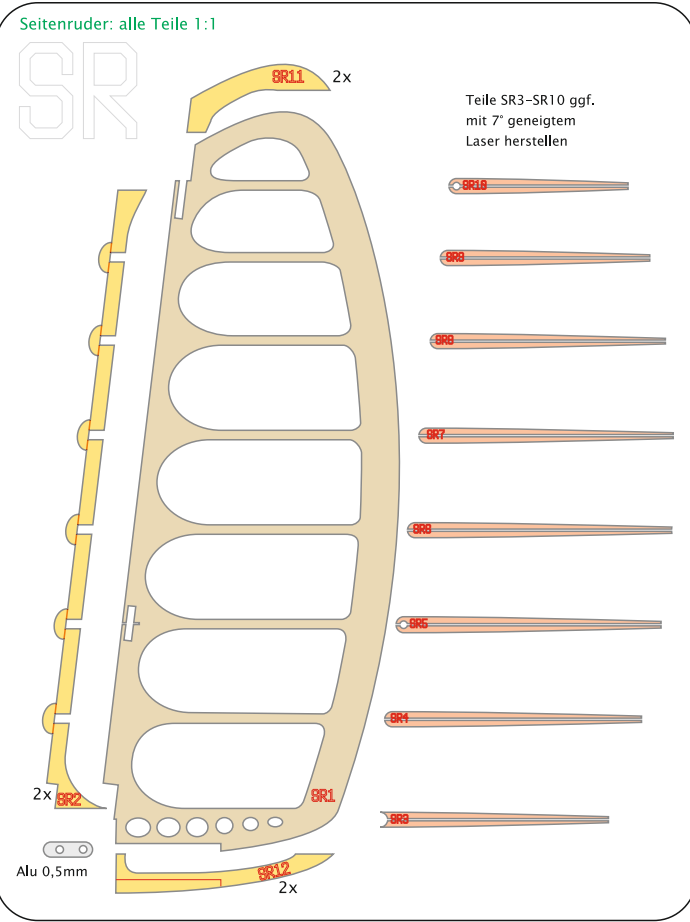
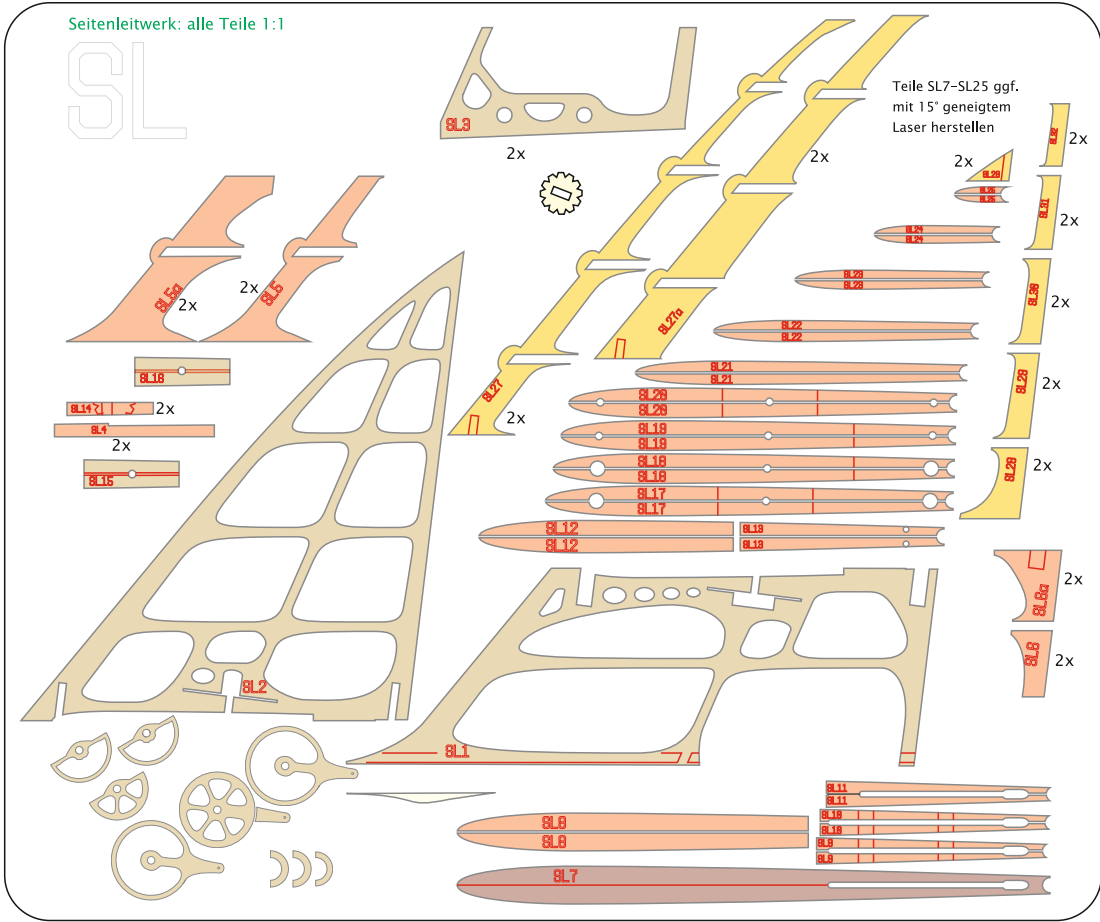
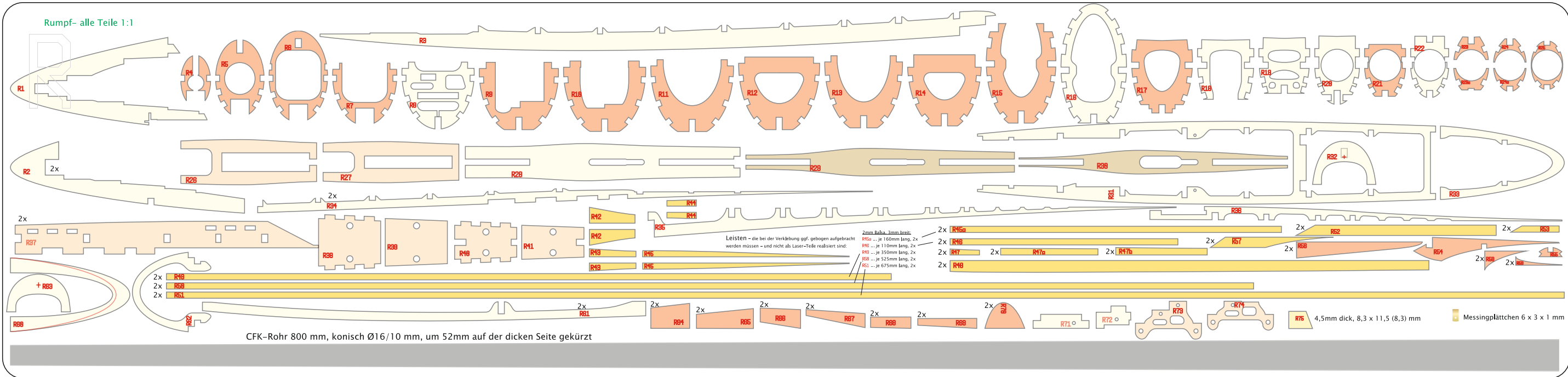
Servos rechts von oben



Servos rechts  
von hinten

Alternativer Akku:  
LiPo Rundzelle, 1000mAh





Darstellung auf 50% der Originalgröße skaliert



Darstellung auf 35% der Originalgröße skaliert



Leisten – die bei der Verklebung ggf. gebogen aufgebracht werden müssen – und nicht als Laser-Teile realisiert sind:

Fläche (je Seite):

|                        |                                |
|------------------------|--------------------------------|
| 1 mm Balsa             | „Mond Grün“ 50% Transparenz    |
| 2 mm Balsa             | „Dunkelgelb“ 50% Transparenz   |
| 2,5 mm Balsa           | „Herbstorange“ 50% Transparenz |
| 3 mm Balsa             | „Rubinrot“ 50% Transparenz     |
| 0,6 mm Birkensper Holz | „Gold“ 50% Transparenz         |
| 2 mm Birkensper Holz   | „Sand“ 50% Transparenz         |
| 3 mm Pappelsper Holz   | „Blaßgelb“ 50% Transparenz     |

2mm Balsa, 3mm breit:

L1 und L2 ... je ca. 1020mm lang

1mm Balsa, von 5mm Breite auf 3mm verjüngend:

B1b und B2c ... je ca. 330mm lang

1mm Balsa, 3mm breit:

B1a: 365mm, B2b: 783mm

L3: 645mm, L4: 825mm, L5: 717mm, L6: 715mm, L7: 783mm

Rumpf:

2mm Balsa, 3mm breit:

R45a ... je 160mm lang, 2x

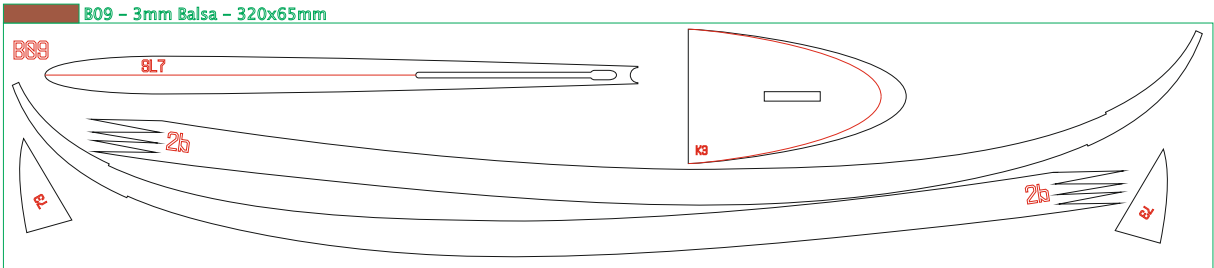
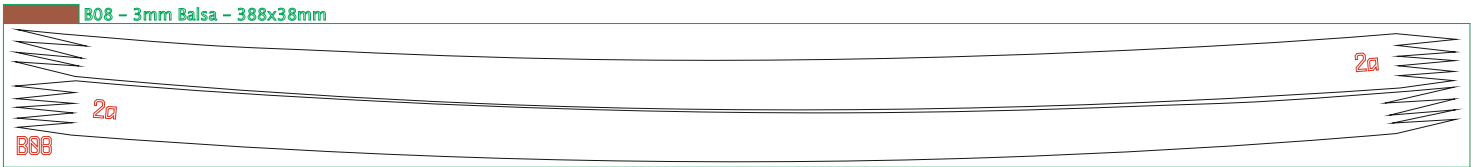
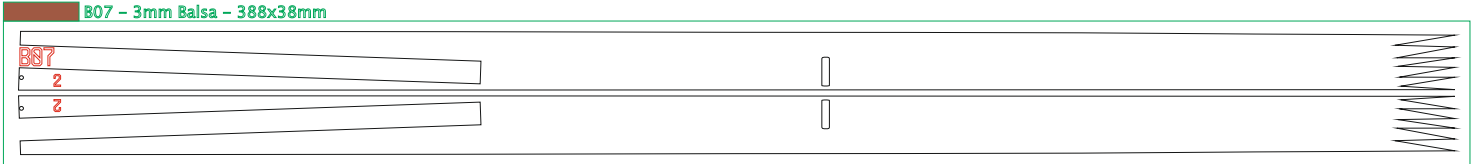
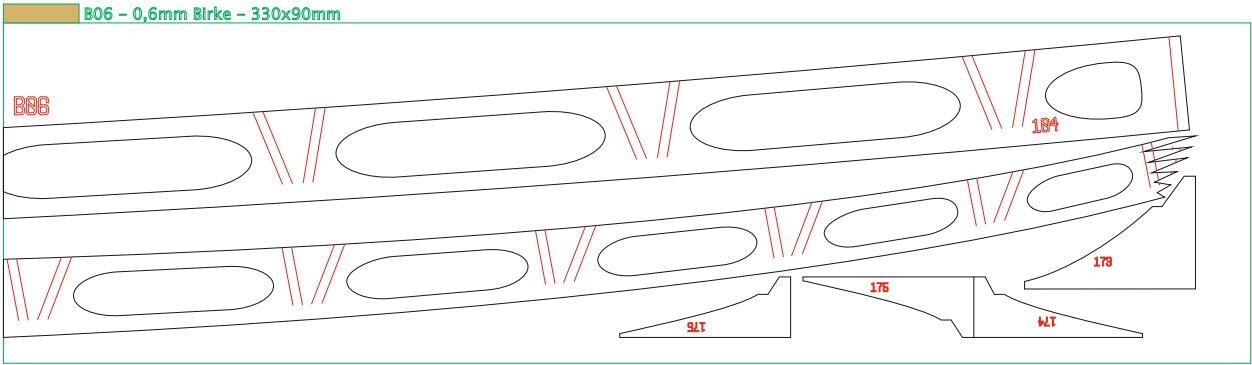
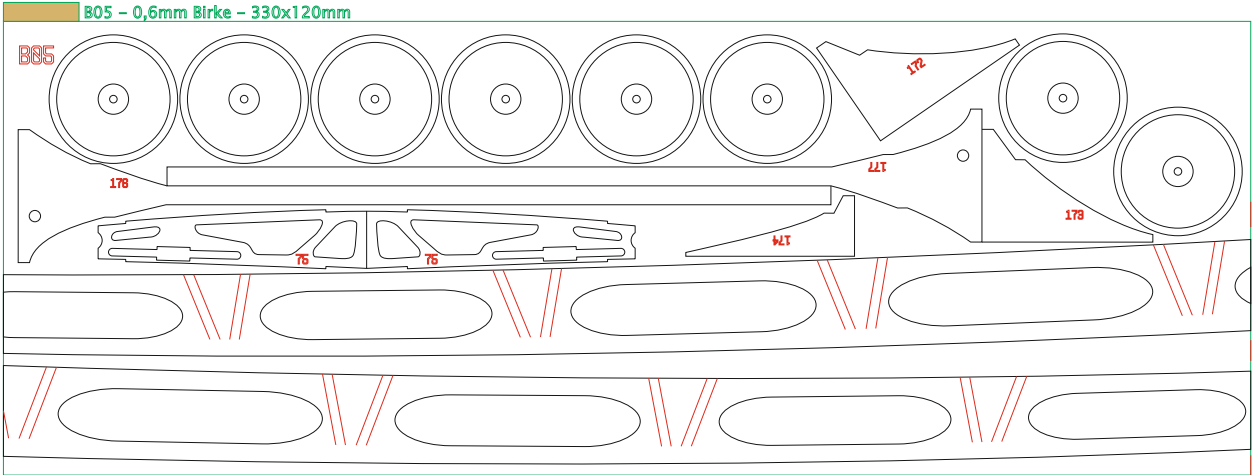
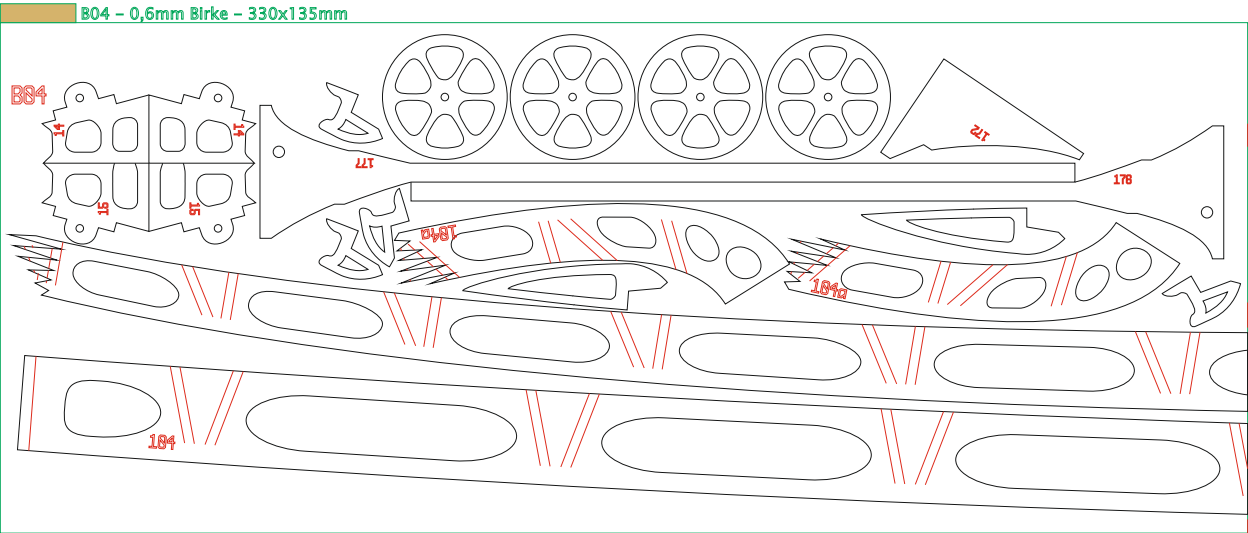
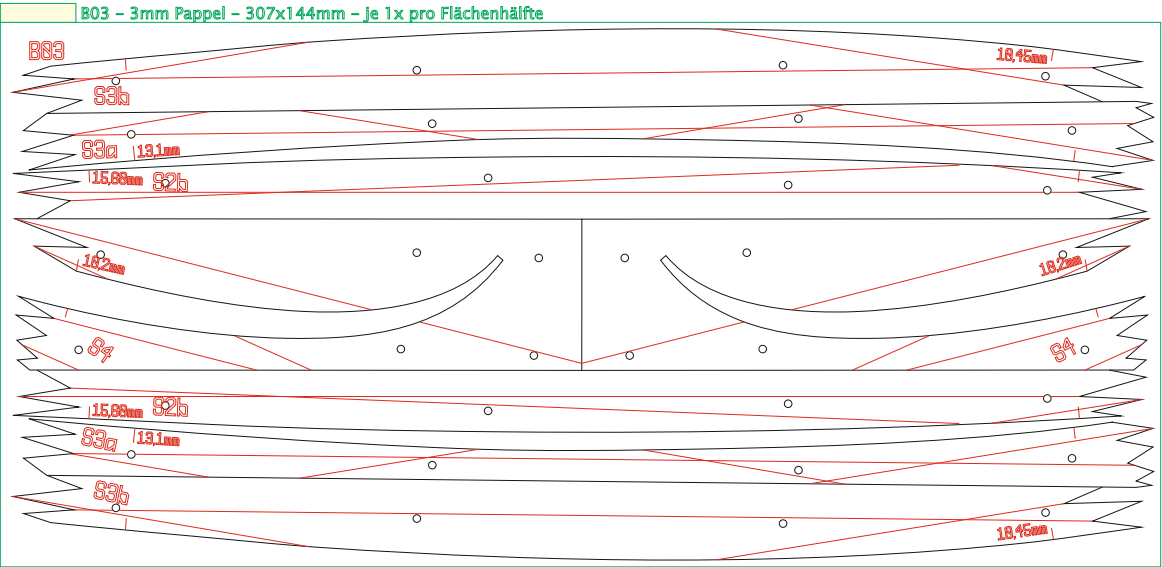
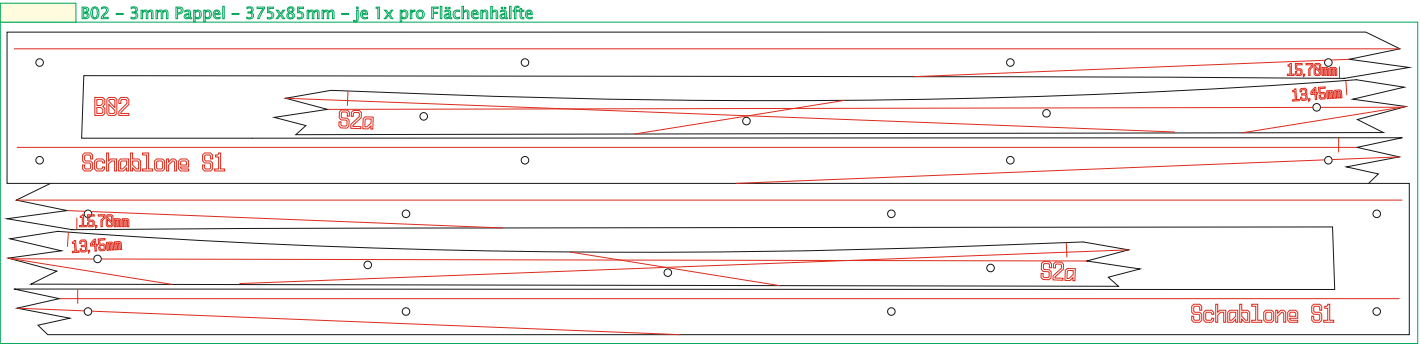
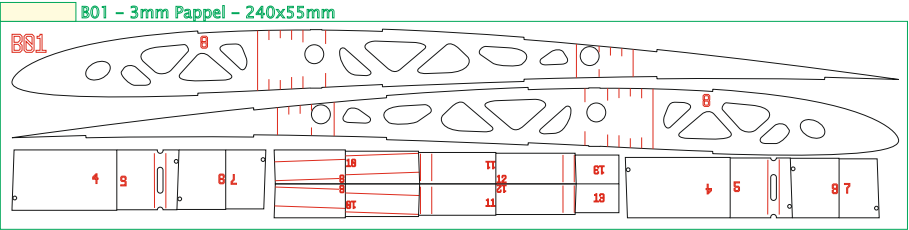
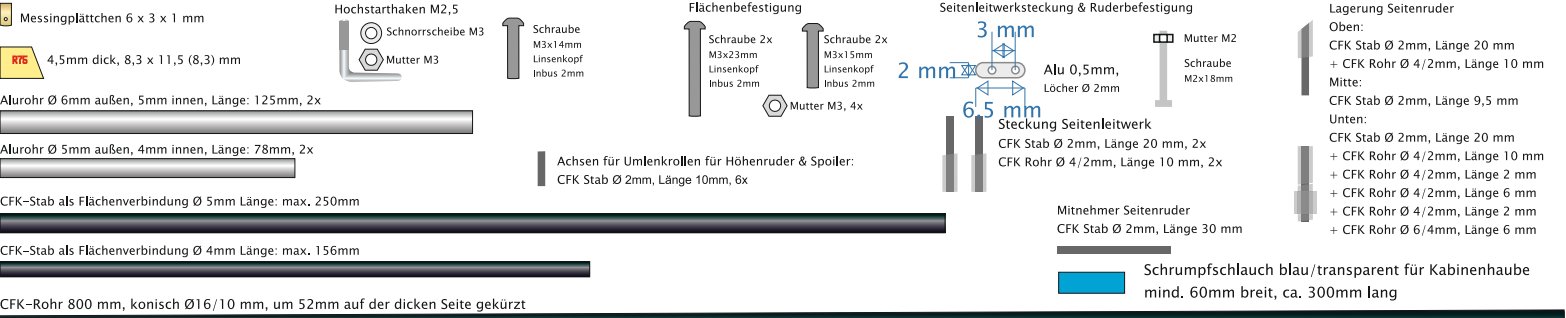
R46 ... je 110mm lang, 2x

R49 ... je 350mm lang, 2x

R59 ... je 525mm lang, 2x

R61 ... je 675mm lang, 2x

Weitere Teile:



Darstellung auf 50% der Originalgröße skaliert



B10 – 2,5mm Balsa – 333x100mm – je 1x pro Flächenhälfte – ACHTUNG: LASER 15° geneigt (1x nach Links, 1x nach Rechts)

**B15 - 2mm Balsa - 295x100mm**

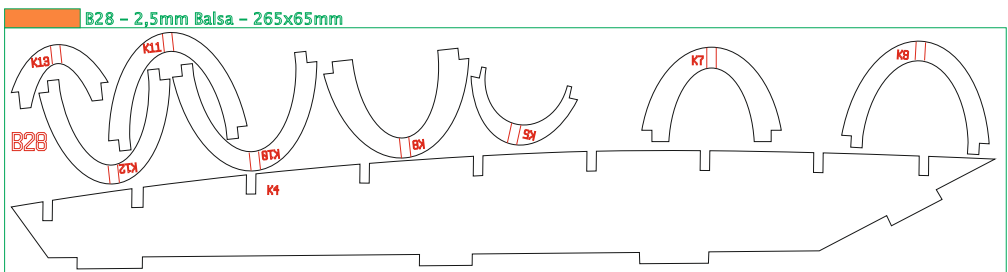
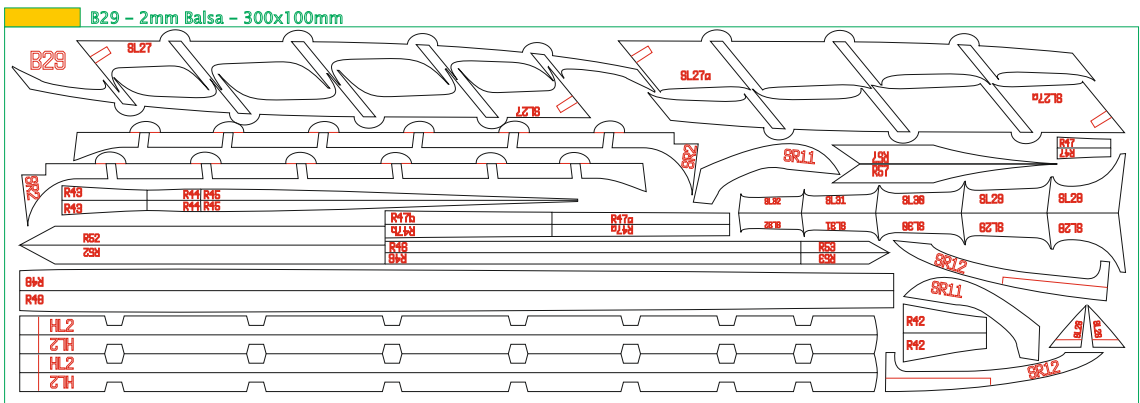
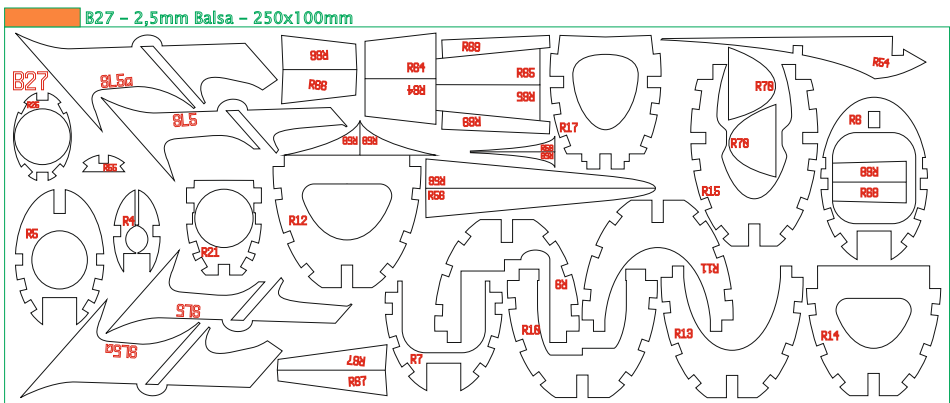
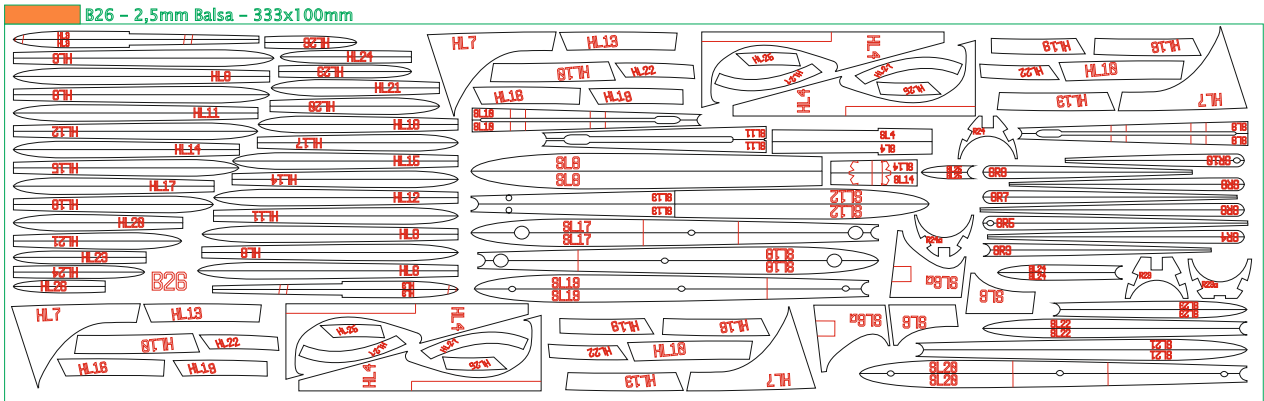
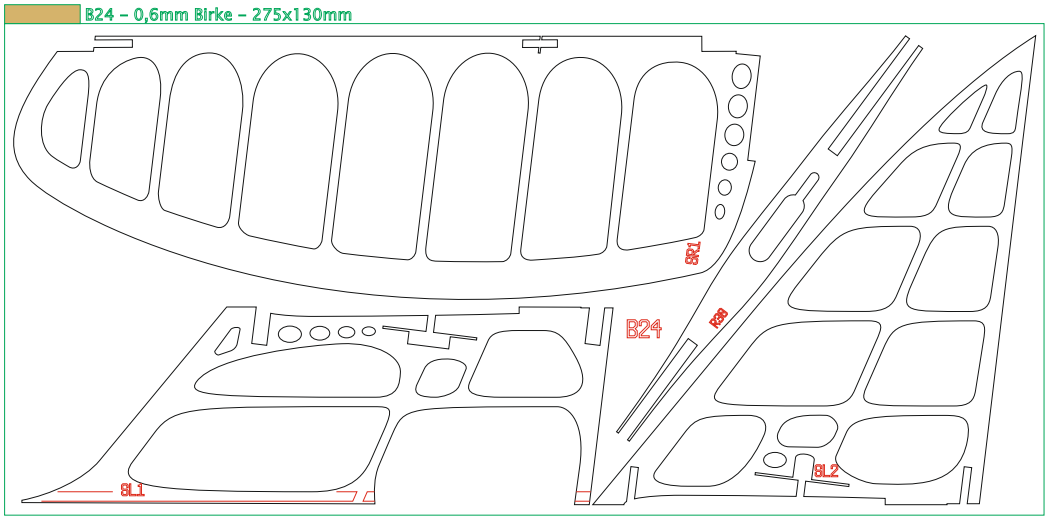
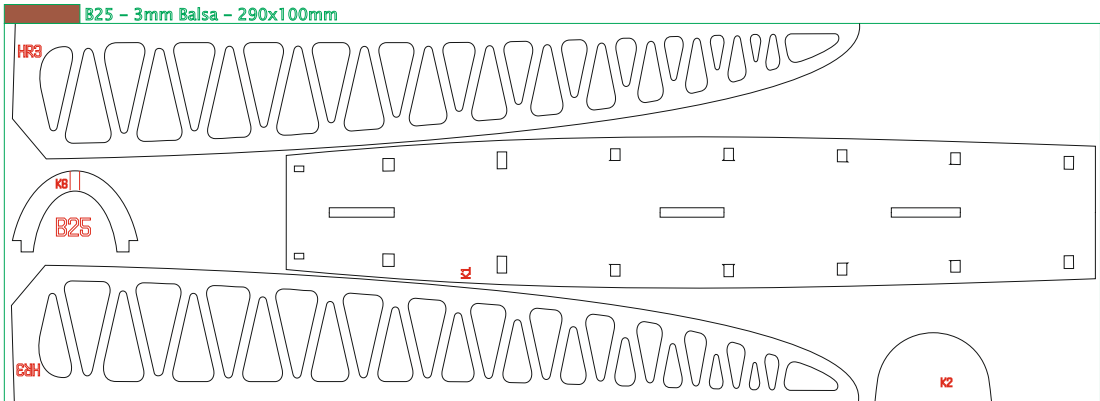
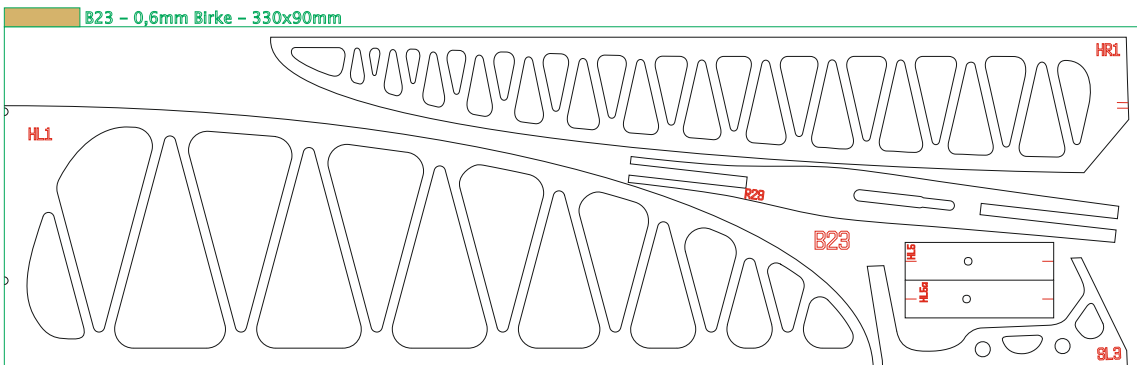
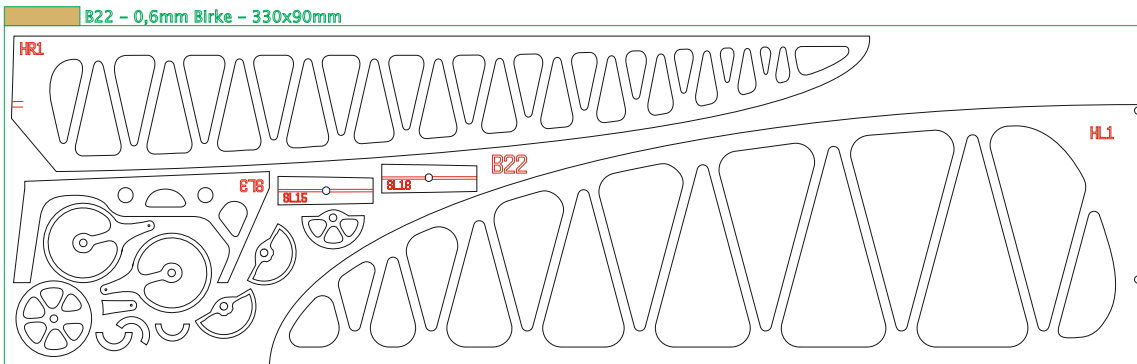
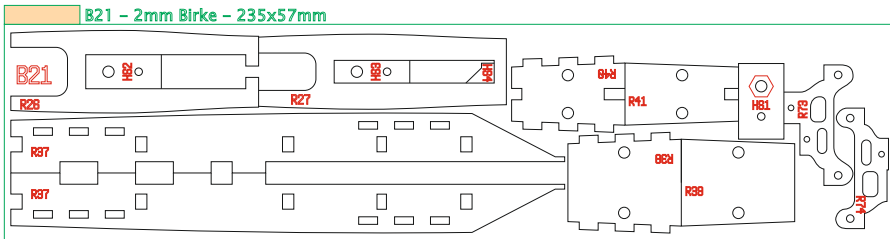
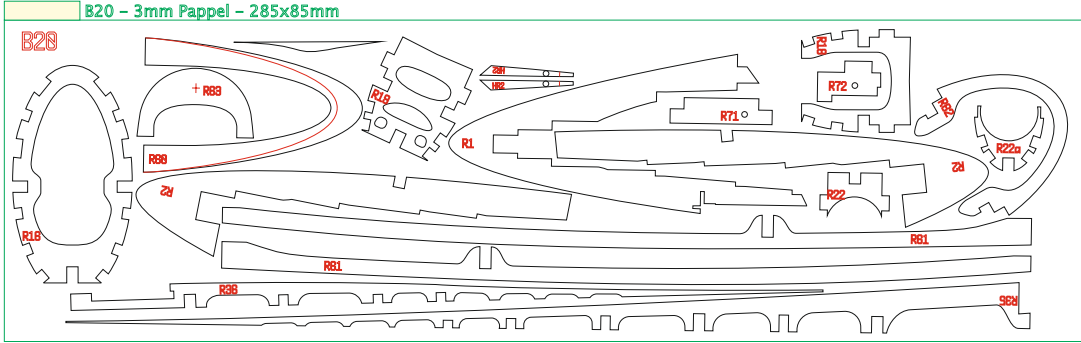
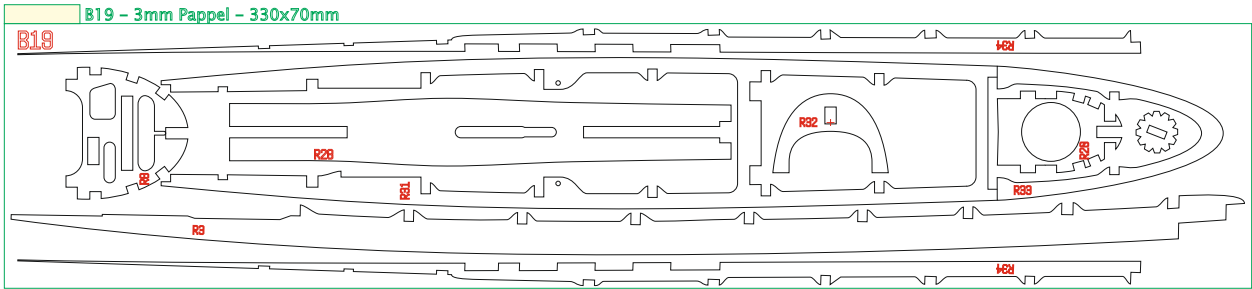
**B15**

151

131

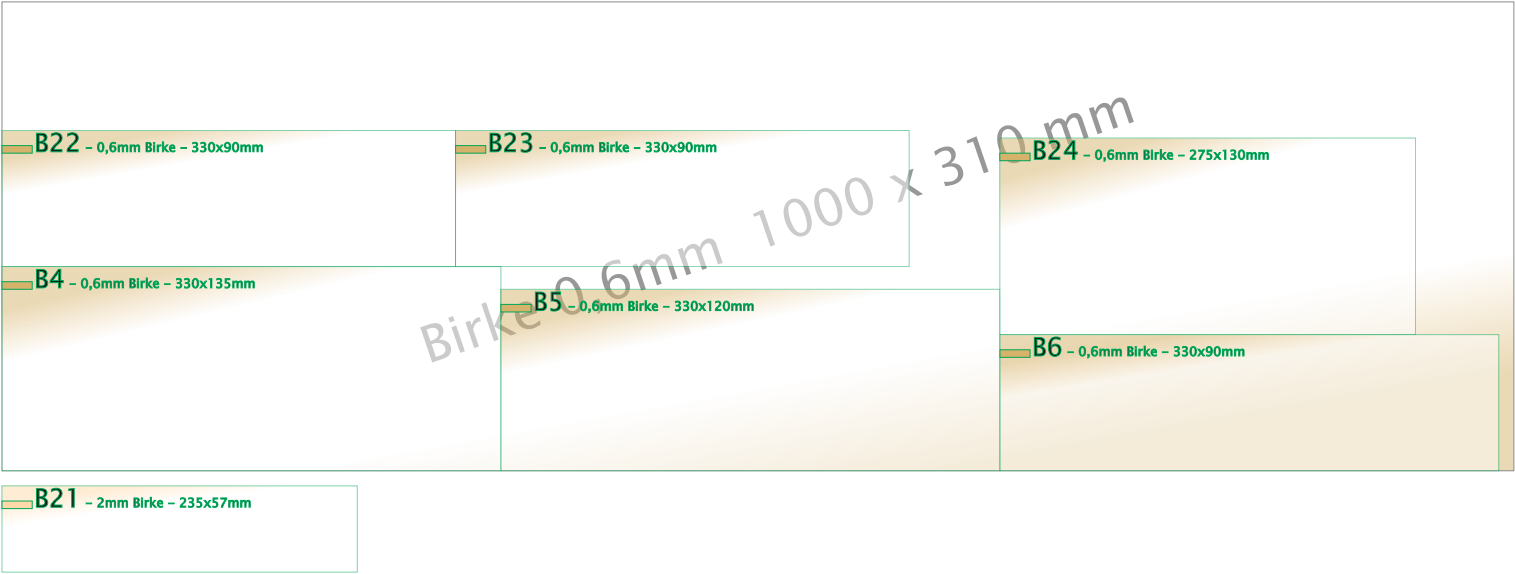
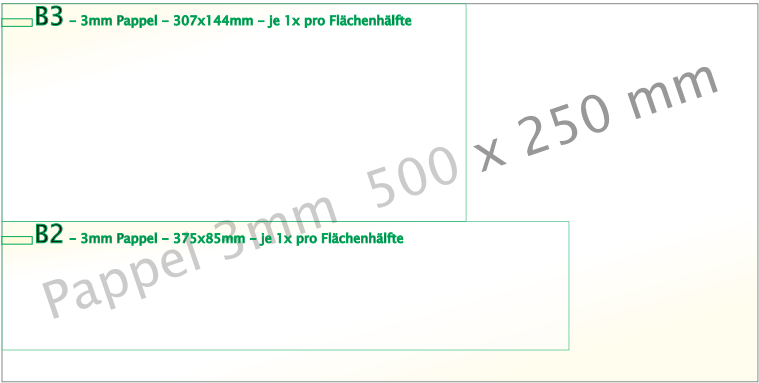
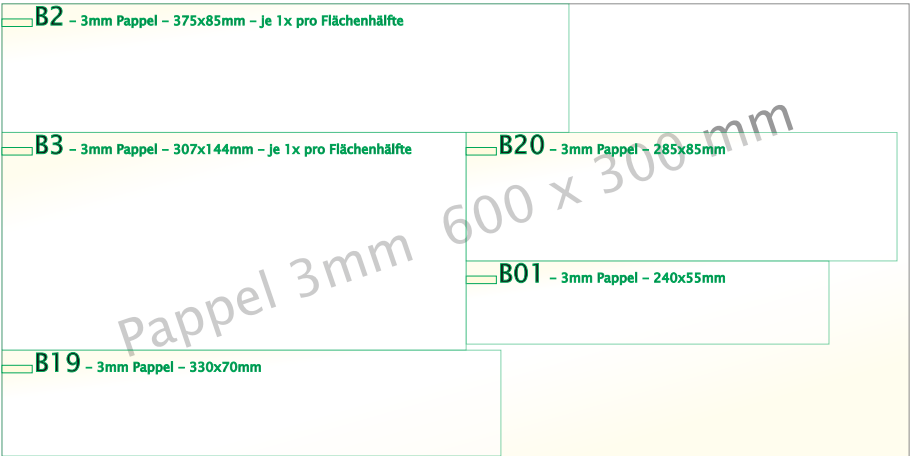
Three horizontal bars are shown, each with a red 'B17' label on the left side. The bars are white with black outlines and are positioned against a light gray background.





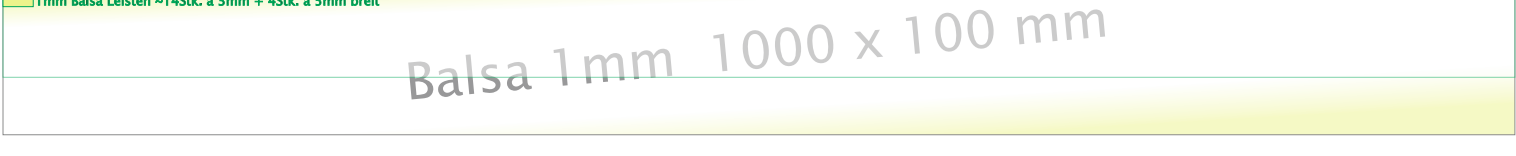
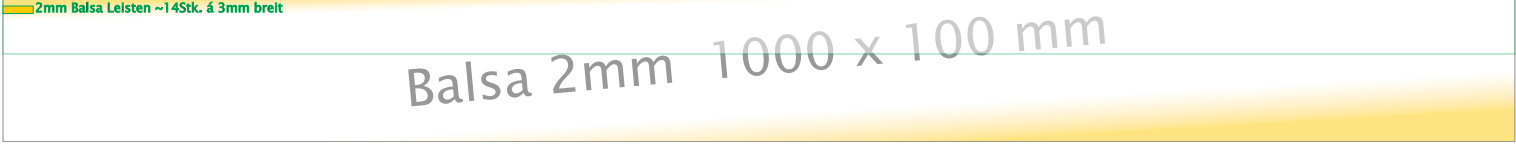
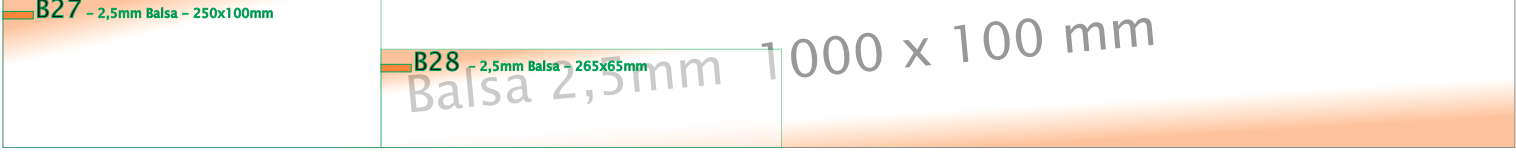
Darstellung auf 50% der Originalgröße skaliert





Baumaterialliste Holz:

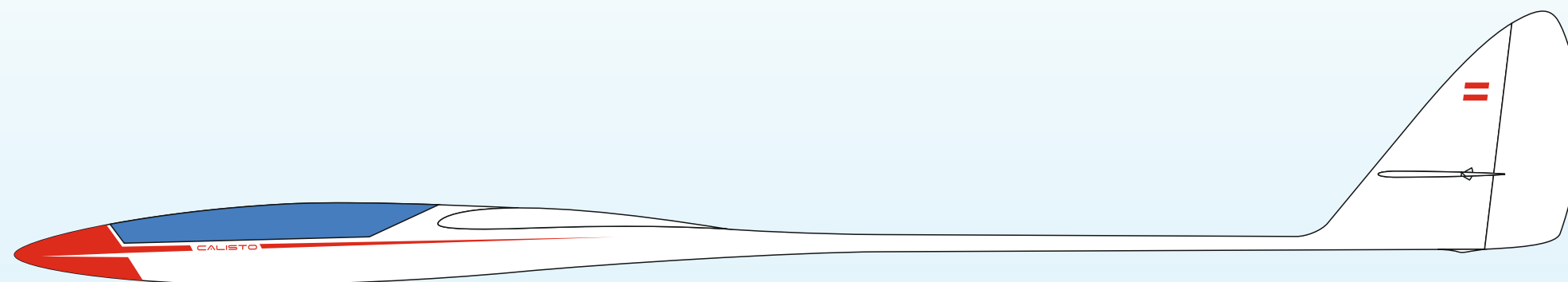
- Pappelsper Holz 3mm - 600 x 300 mm - 1 Stk.
- Pappelsper Holz 3mm - 500 x 250 mm - 1 Stk.
- Birkensper Holz 0,6mm - 1000 x 310 mm - 1 Stk.
- Birkensper Holz 2mm - Reststück: 235 x 570 mm - 1 Stk.
- Balsa 3mm - 1000 x 100 mm - 1 Stk.
- Balsa 2,5mm - 1000 x 100 mm - 4 Stk.
- Balsa 2mm - 1000 x 100 mm - 3 Stk.
- Balsa 1mm - 1000 x 100 mm - 3 Stk.



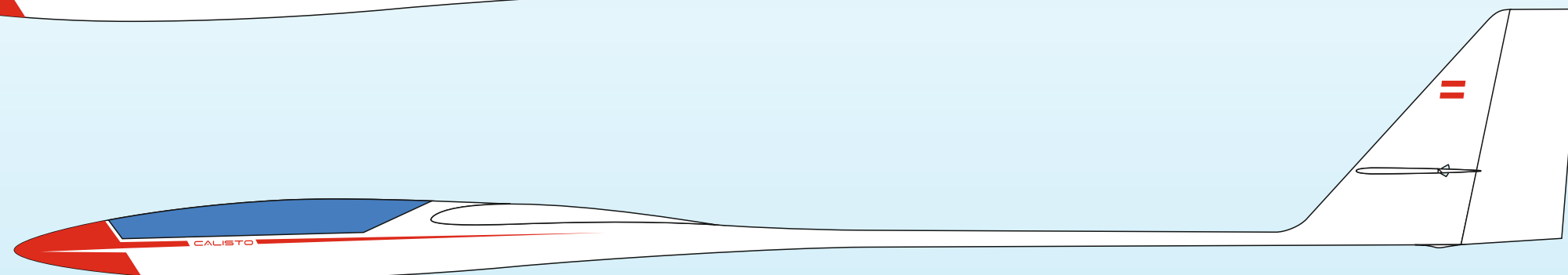
Darstellung auf 20% der Originalgröße skaliert



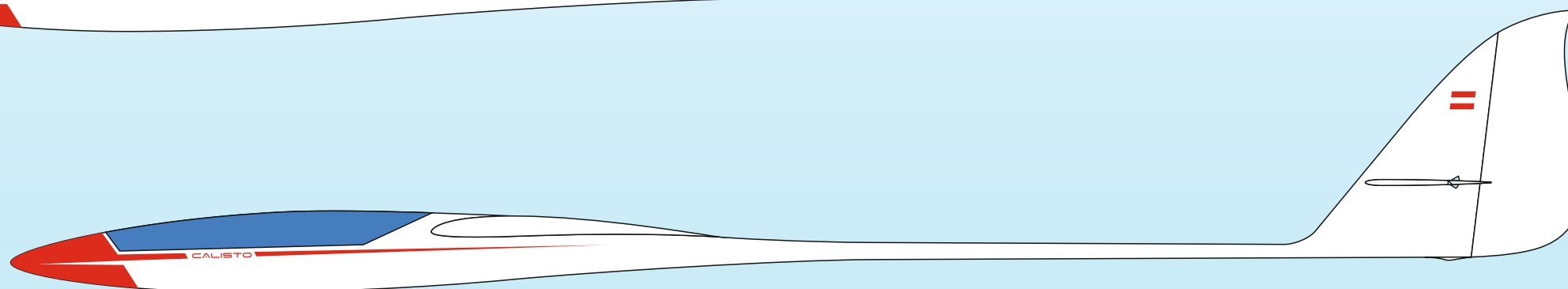
# Seitenleitwerk Variationen



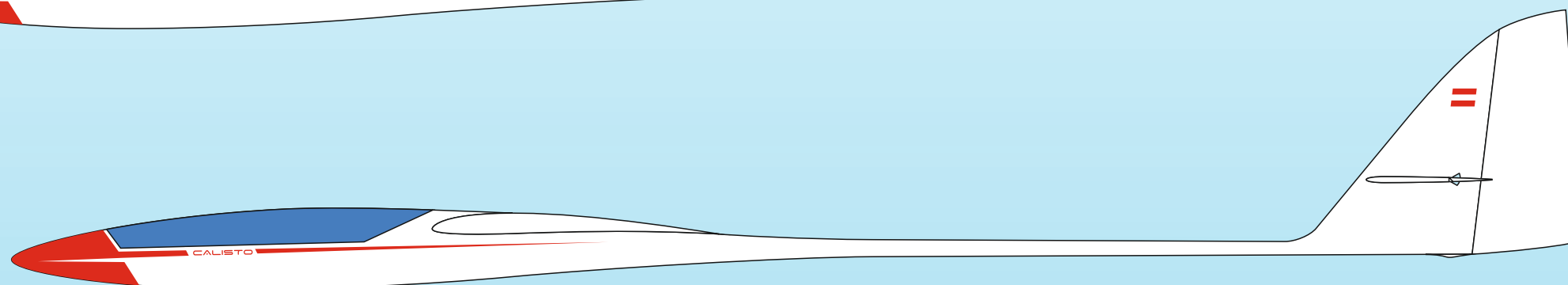
„Spitfire“-Style



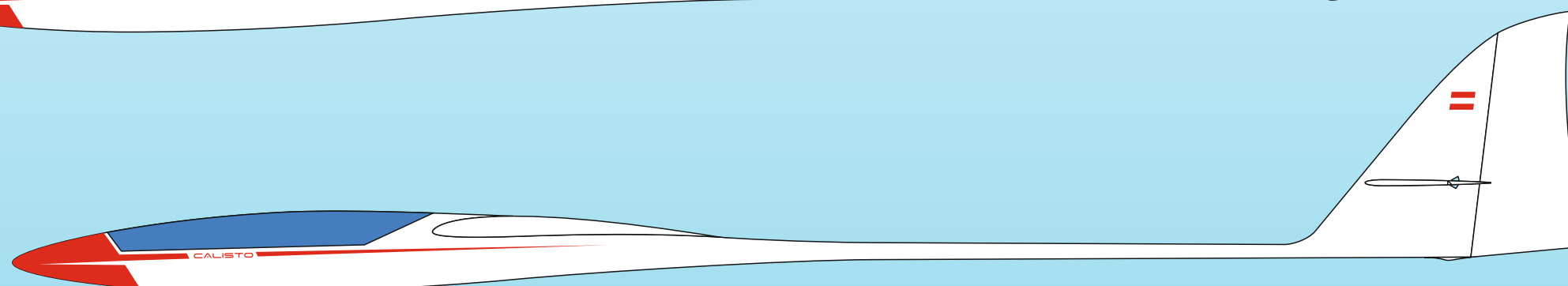
„Flamingo Contest“-Style



Feuer & Flamme



Haifischflosse I



Haifischflosse II