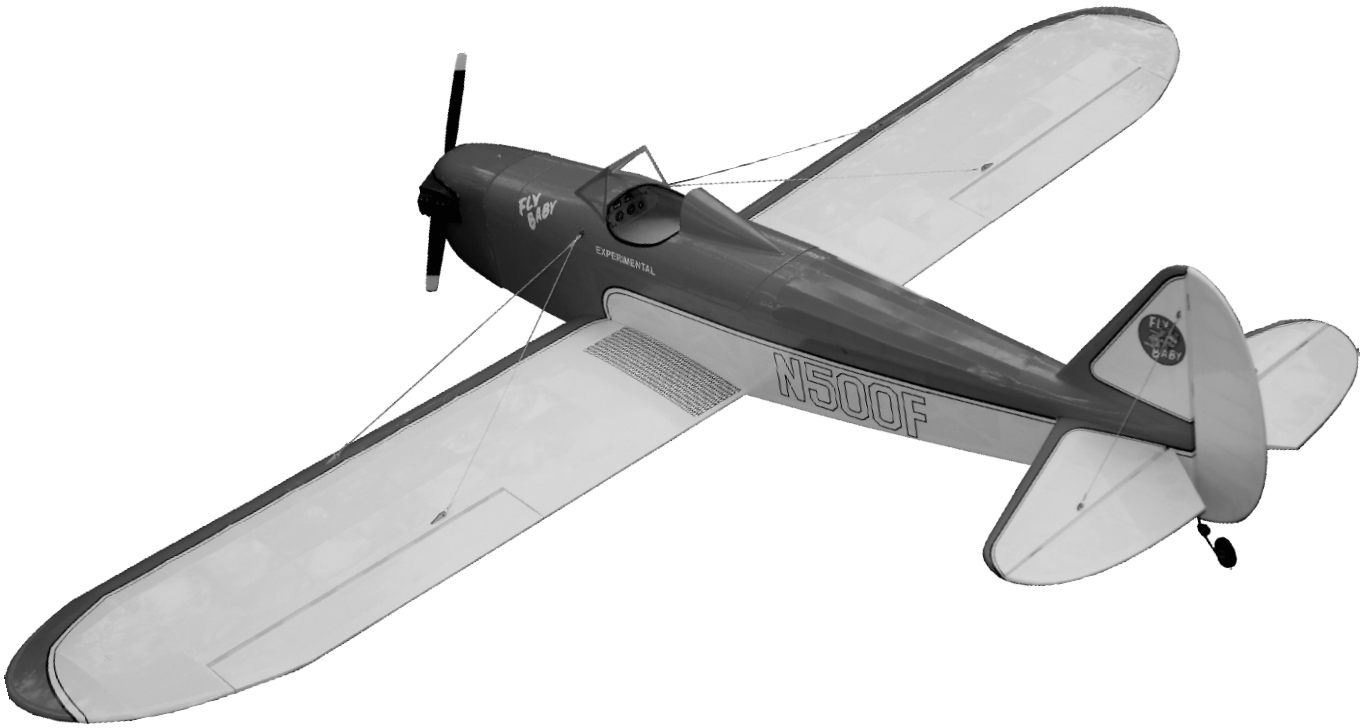
Radio Control Model
R/C Flugmodell

INSTRUCTION MANUAL
MONTAGEANLEITUNG

FLY BABY BIG



Pictures can vary from actual model
Abb. kann vom tatsächlichen Modell abweichen

SPECIFICATIONS

Wingspan	94.8in.
Length	64.9 in.
Electric Motor	(See next page)
Gas Engine	25 - 35cc
Radio	6 Channel / 6 Servos

TECHNISCHE DATEN

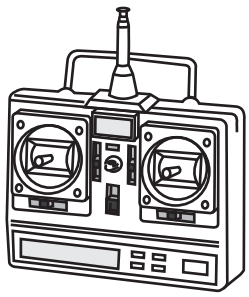
Spannweite	2410mm
Länge	1650mm
Elektroantrieb	(siehe nächste Seite)
Verbrennerantrieb	25 - 35cc
Fernsteuerung	6 Kanal / 6 Servos

RADIO CONTROL MODEL®

WARNING! This radio controlled model is NOT a toy. If modified or flown carelessly it could go out of controll and cause serious human injury or property damage. Before flying your airplane, ensure the air field is spacious enough. Always fly it outdoors in safe areas and seek professional advice if you are unexperienced. This model was carefully manufactured and assembled. Please check all glueing joints, especially on the fuselage and firewall.

ACHTUNG! Dieses ferngesteuerte Modell ist KEIN Spielzeug! Es ist für fortgeschrittene Modellflugpiloten bestimmt, die ausreichende Erfahrung im Umgang mit derartigen Modellen besitzen Bei unsachgemäßer Verwendung kann hoher Personen- und/oder Sachschaden entstehen. Fragen Sie in einem Modellbauverein in Ihrer Nähe um professionelle Unterstützung, wenn Sie Hilfe im Bau und Betrieb benötigen. Der Zusammenbau dieses Modells ist durch die vielen Abbildungen selbsterklärend und ist für fortgeschrittene, erfahrene Modellbauer bestimmt. Dieses Modell wurde mit großer Sorgfalt hergestellt und montiert. Prüfen Sie trotzdem alle Klebeverbindungen, besonders am Rumpf und Motorspant und kleben Sie diese ggf. nach.

RECOMMENDED ACCESSORIES (Purchase separately)
Empfohlenes Zubehör (Nicht im Lieferumfang enthalten)



6 - channel radio
6 - Kanal Fernsteuerung

Benzinmotor:
für einfachen Kunstflug: NGH GT-25, (# C5218)
für kraftvollen Kunstflug und Seglerschlepp: NGH GT-35, (# C5402)

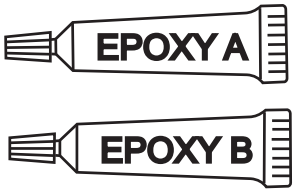
Elektroantrieb:
für einfachen Kunstflug: Brushless Combo BOOST 120, (# C4344)
2 x LEMONRC 4500-14,8V (# C2146) od. 2 x RED POWER 4250-14,8V (# C4546)
für kraftvollen Kunstflug und Seglerschlepp:
Brushless Combo BOOST 160, (# C4534)
2 x LEMONRC 5000-18,5V (# C4852) od. 2 x RED POWER 6100-18,5V (# C5153)

6 x Servo DS6020 MG (# C1689) oder 6 x Servo S4020 MG (# C5636)

weitere Infos zu diesem Zubehör und Bezugsmölichkeit unter: **www.pichler-modellbau.de**

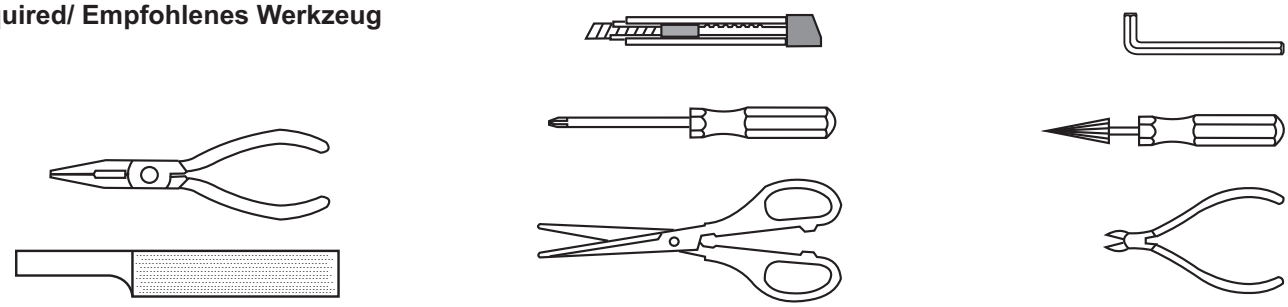
Cyanoacrylate Glue
Sekundenkleber

Silicon Glue
Silikonkleber



Epoxy Glue (30 minutes type)
Epoxy-Klebstoff (30min)

Tool Required/ Empfohlenes Werkzeug



The pre-covered film on ARF kit may wrinkle due to variations of temperature.
Store model in a cool and dry place for awile.
Then, staring with low heat, you may carefully use a hair dryer to smooth out wrinkels.

Die Bespannung des Modells kann durch Temeratureinflüsse erschlaffen oder Falten werfen z.b bei zu starker Sonnenenstrahlung oder Hitze.
Stellen Sie das Modell zunächst an einen kühlen Platz für eine bestimmte Zeit. Danach können Sie versuchen die restlichen Falten vorstichtig mit einem Haartrockner zu behandeln.

Drill holes using the stated size of drill (in this case 1.5 mm Ø)

Take particular care here

Hatched-in areas: remove covering film carefully

Check during assembly that these parts move freely, without binding

Use epoxy glue

Apply cyano glue

Assemble left and right sides the same way.

Not included. These parts must be purchased separately

Löcher bohren mit dem angegebenen Bohrer (hier 1,5 mm)

Hier besonders aufpassen

Schraffierte Stellen, Bespannfolie vorsichtig entfernen

Während des Zusammenbaus immer prüfen, ob sich die Teile auch reibungslos bewegen lassen

Epoxy-Klebstoff verwenden

Sekundenkleber auftragen

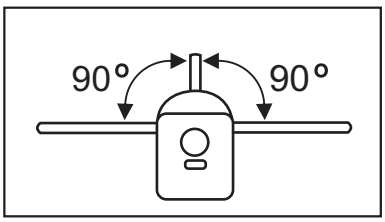
Linke und rechte Seite wird gleichermaßen zusammengebaut

Nicht enthalten. Teile müssen separat gekauft werden.

CONVERSION TABLE

1.0mm = 3/64”	3.0mm = 1/8”	10mm = 13/32”	25mm = 1”
1.5mm = 1/16”	4.0mm = 5/32”	12mm = 15/32”	30mm = 1-3/16”
2.0mm = 5/64”	5.0mm = 13/64”	15mm = 19/32”	45mm = 1-51/64”
2.5mm = 3/32”	6.0mm = 15/64”	20mm = 51/64”	

1

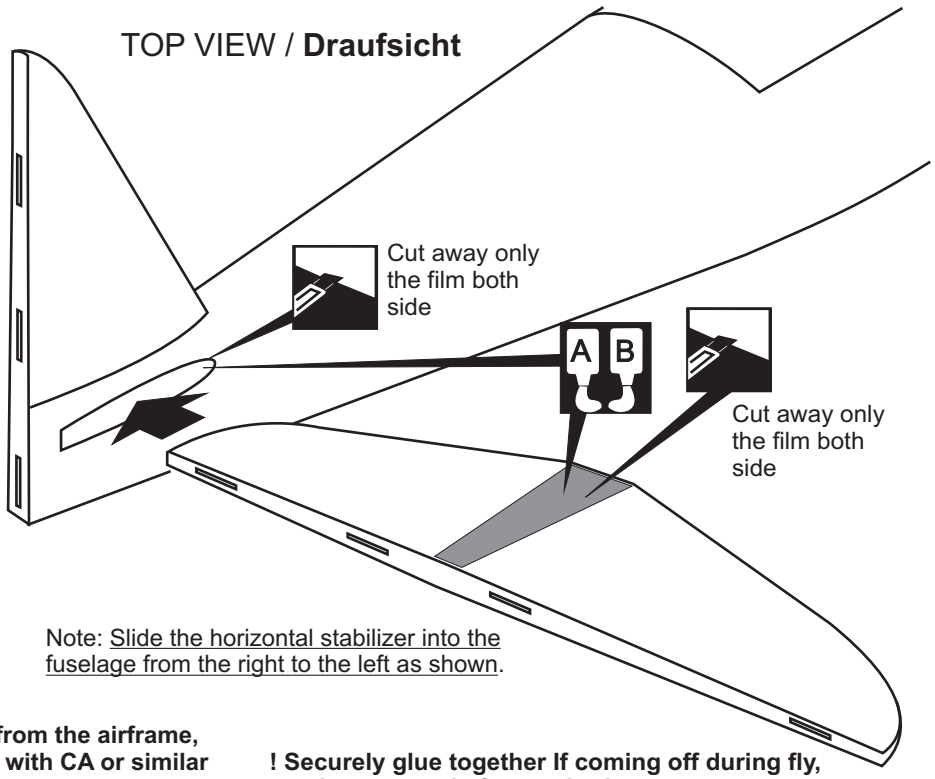


Trial fit the horizontal stabilizer before gluing . Be certain that there are no gaps. If the parts will join, but with a gaps, sand or trim the parts a little at a time until the parts meet exactly with no gaps.

When joining the stabilizer it is extremely important to use plenty of epoxy (30 min.) or CA glue (thin type).

Carefully slide the stabilizer into the fuselage, ensuring that they are accurately aligned.

TOP VIEW / **Draufsicht**



Note: Slide the horizontal stabilizer into the fuselage from the right to the left as shown.

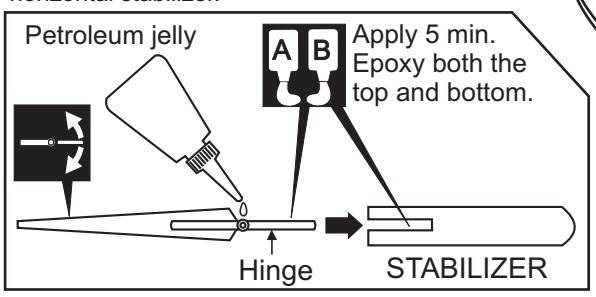
*** WARNING: When removing any covering from the airframe, please ensure that you secure the cut edge with CA or similar cement. This will ensure the covering remain tight.**

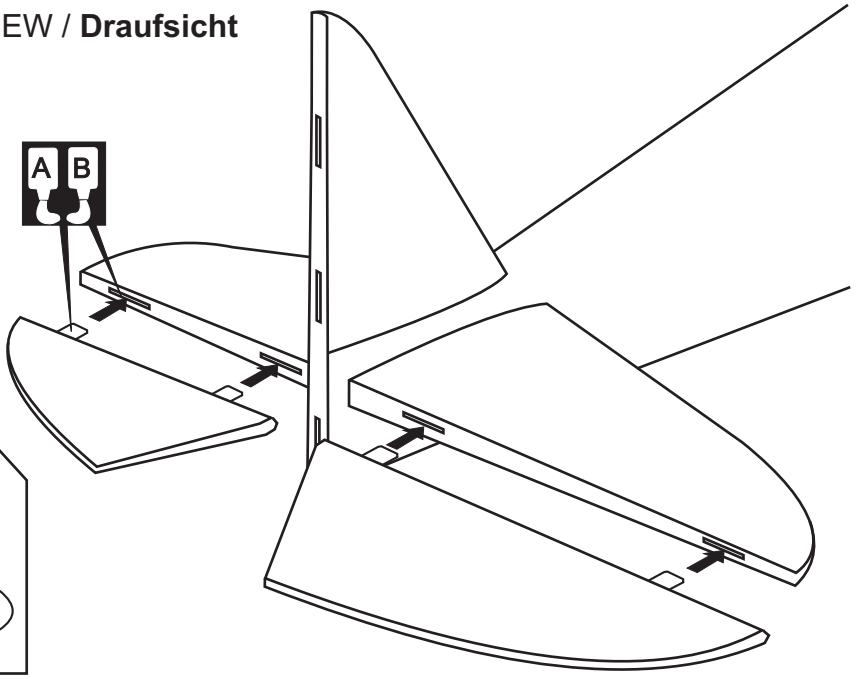
! Securely glue together If coming off during fly, you lose control of your air plane.

2

TOP VIEW / **Draufsicht**

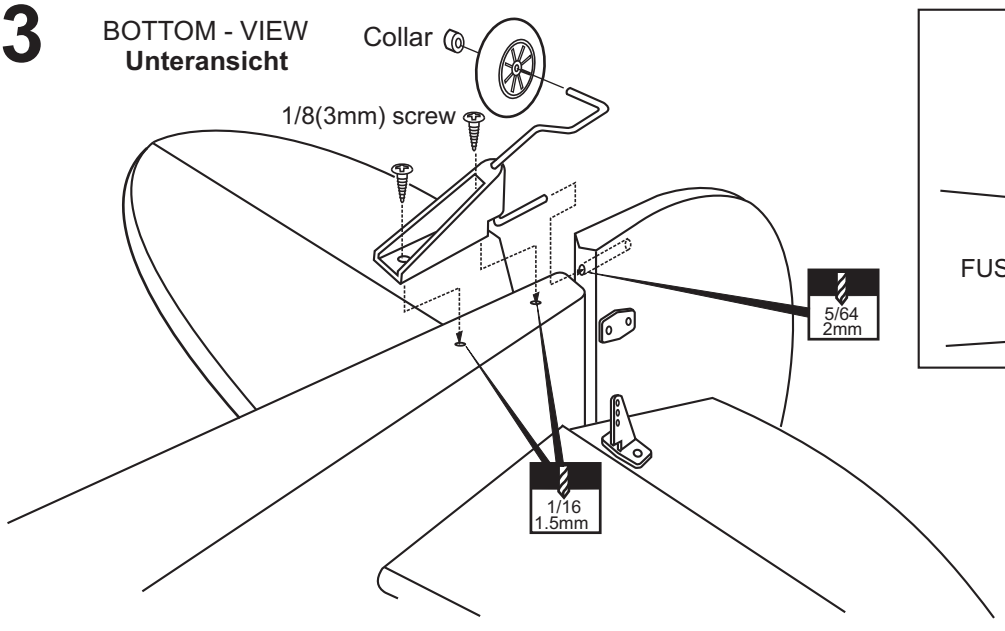
Apply a thin layer of machine oil or petroleum jelly to only the pivot point of the hinges on the elevator, then push the elevator and its hinges into the hinge slots in the trailing edge of the horizontal stabilizer. There should be a minimal hinge gap.
When satisfied with the and alignment, hinge the elevator to the horizontal stabilizer using 5 minute epoxy. Make sure to apply a thin layer of epoxy to the top and bottom of both hinges and to inside the hinge slots. Repeat the previous procedures to hinge the second elevator to the other side of the horizontal stabilizer.

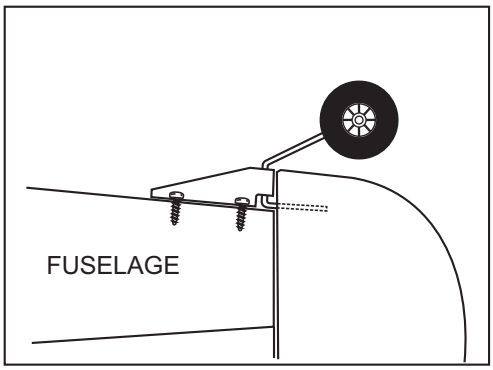


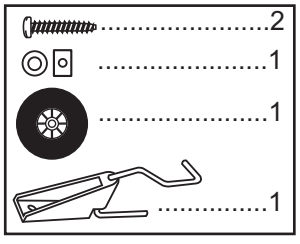


3

BOTTOM - VIEW
Unteransicht

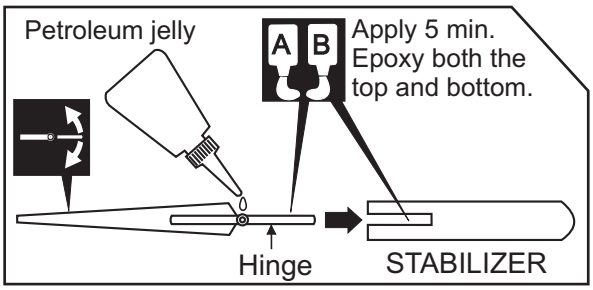


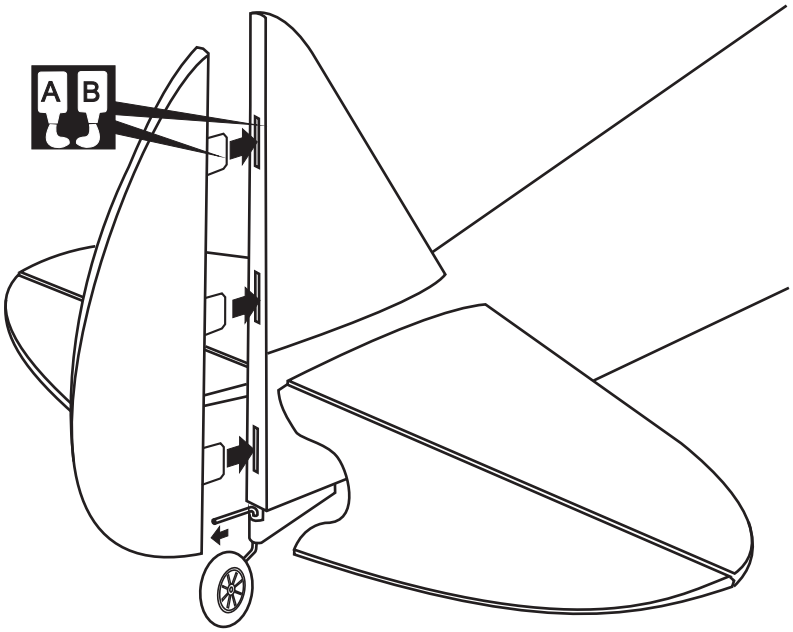




4

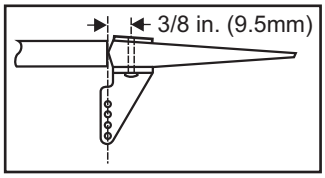
Apply a thin layer of machine oil or petroleum jelly to only the pivot point of the hinges on the rudder, then push the rudder and its hinges into the hinge slots in the trailing edge of the vertical stabilizer. There should be a minimal hinge gap.
When satisfied with the and alignment, hinge the rudder to the vertical stabilizer using 5 minute epoxy. Make sure to apply a thin layer of epoxy to the left and right of both hinges and to inside the hinge slots.

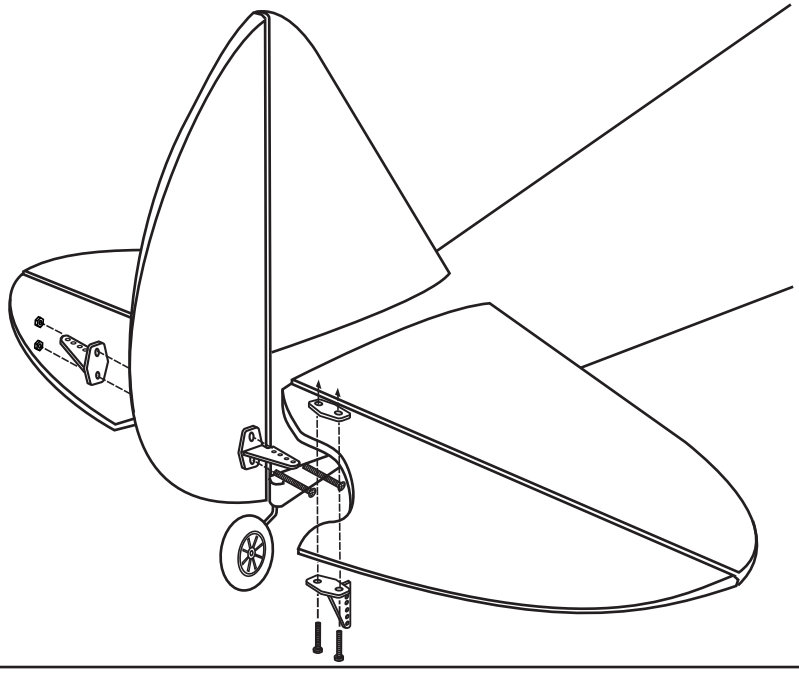




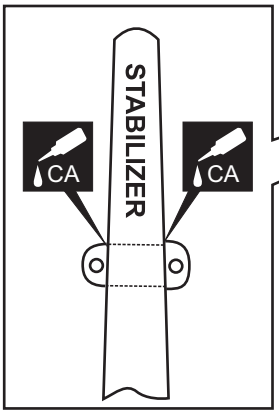
5

Control horn
.....4
2x30mm screw
.....6
2mm nut
.....2

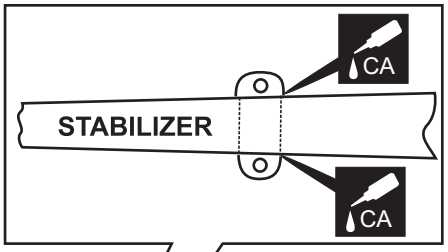


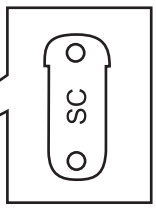


6



Cut away only
the film both
side





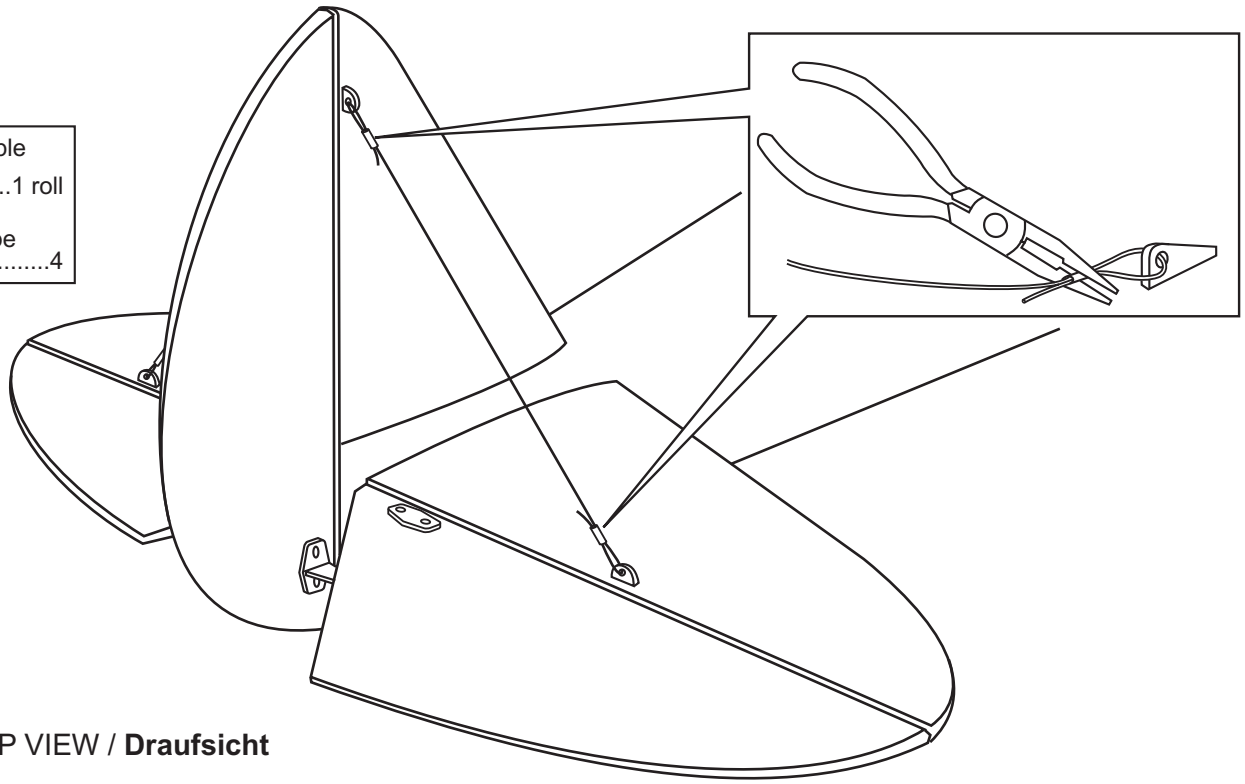
3mm plywood
SC
.....3

Cut away only
the film both
side

7

0.8mm dia. Cable ...1 roll

2mm metal tube 4



TOP VIEW / **Draufsicht**

8

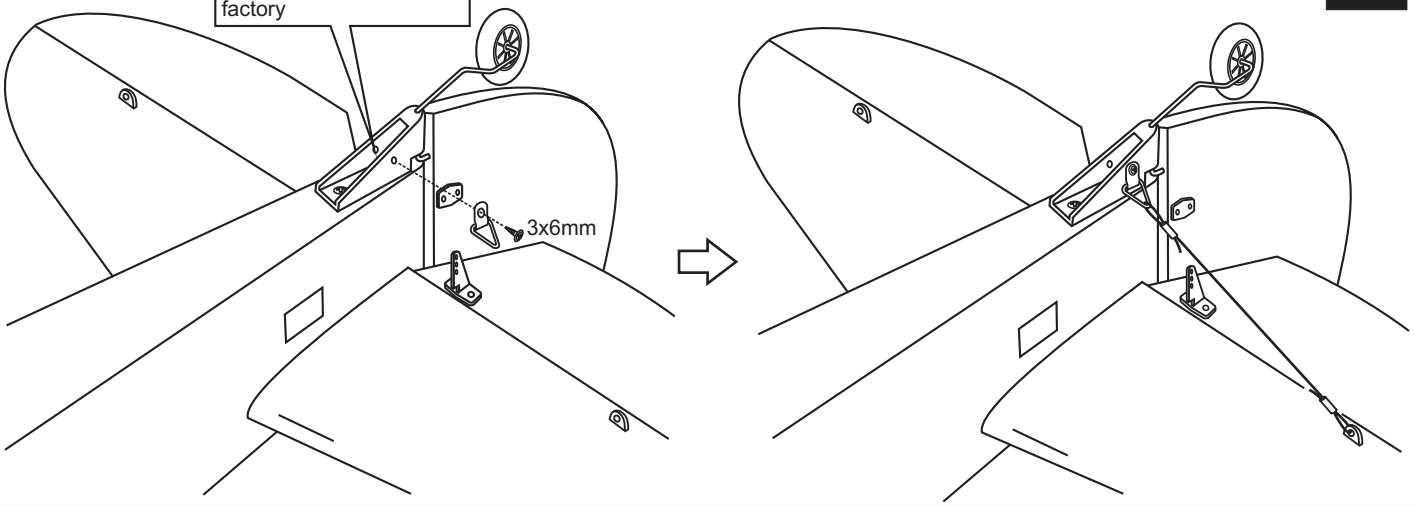
BOTTOM - VIEW
Unteransicht

Two holes on the tail gear mount are pre-drilled at factory

3x6mm

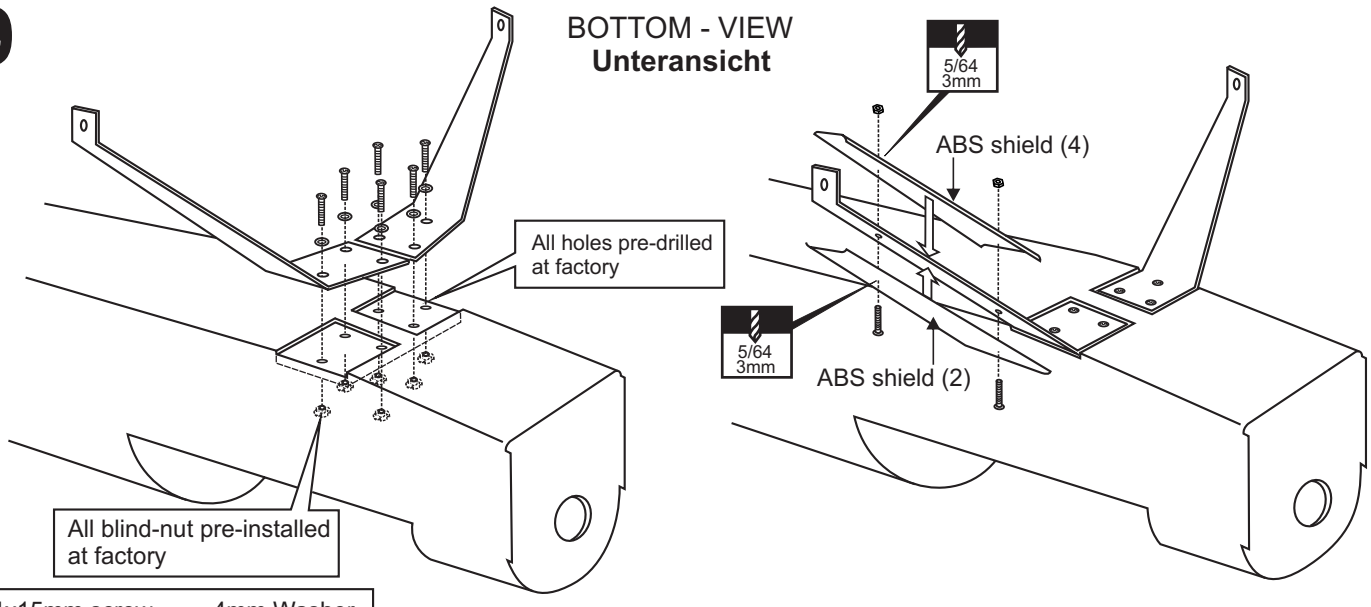
Do the same way with other side of the fuselage.

L/R



9

BOTTOM - VIEW
Unteransicht



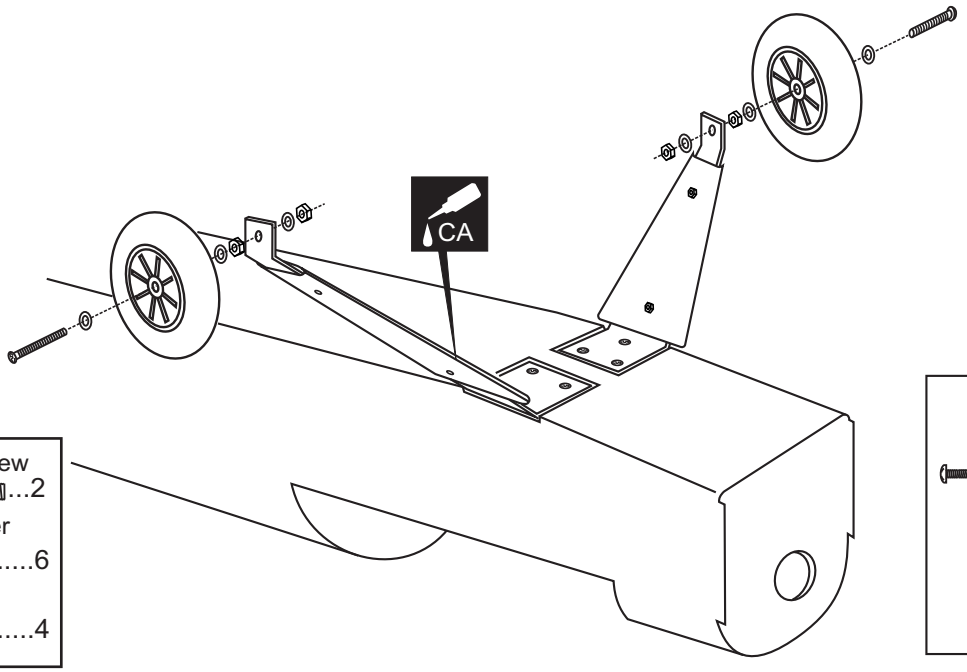
4x15mm screw 6

4mm Washer 6

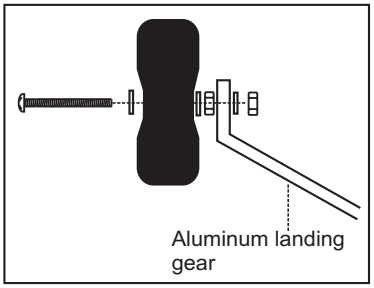
3x12mm screw and nut 4

Note: ABS shield No 1: top - right (from rear to front)
ABS shield No 3: bottom - right
ABS shield No 2: top - left
ABS shield No 4: bottom - left

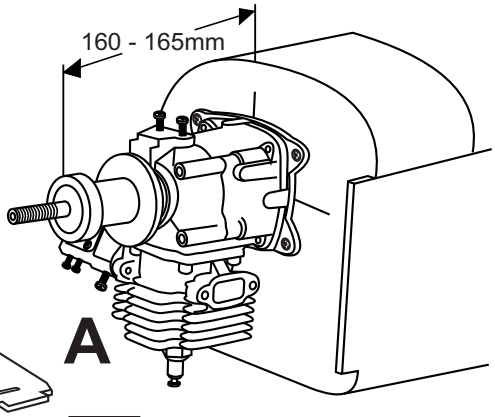
10

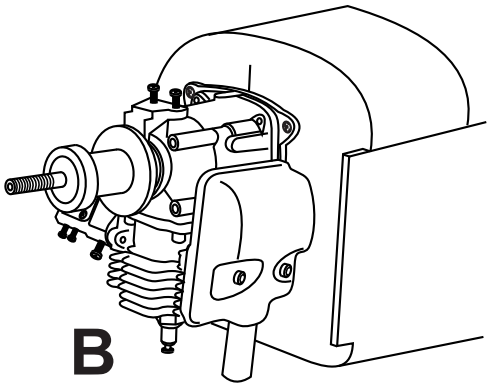


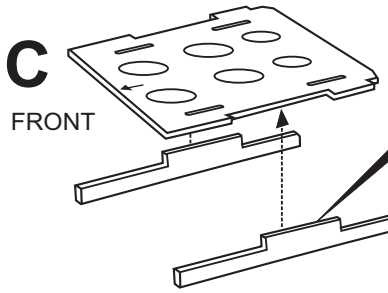
4x40mm screw ...2
4mm Washer 6
4mm Nut 4

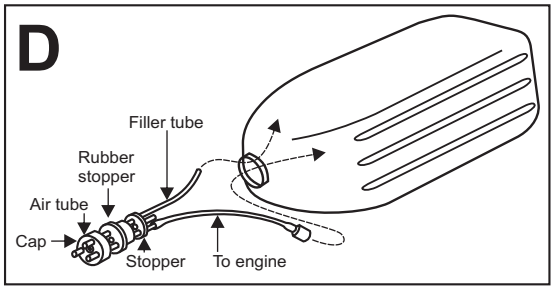


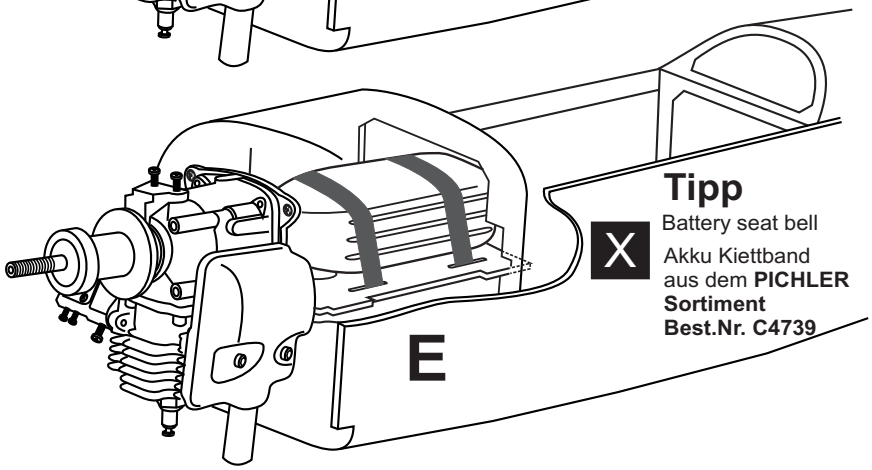
11







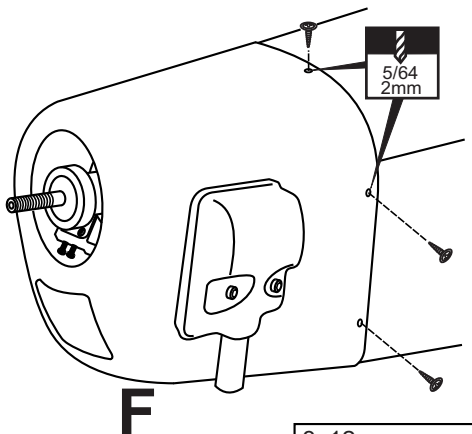




Tipp

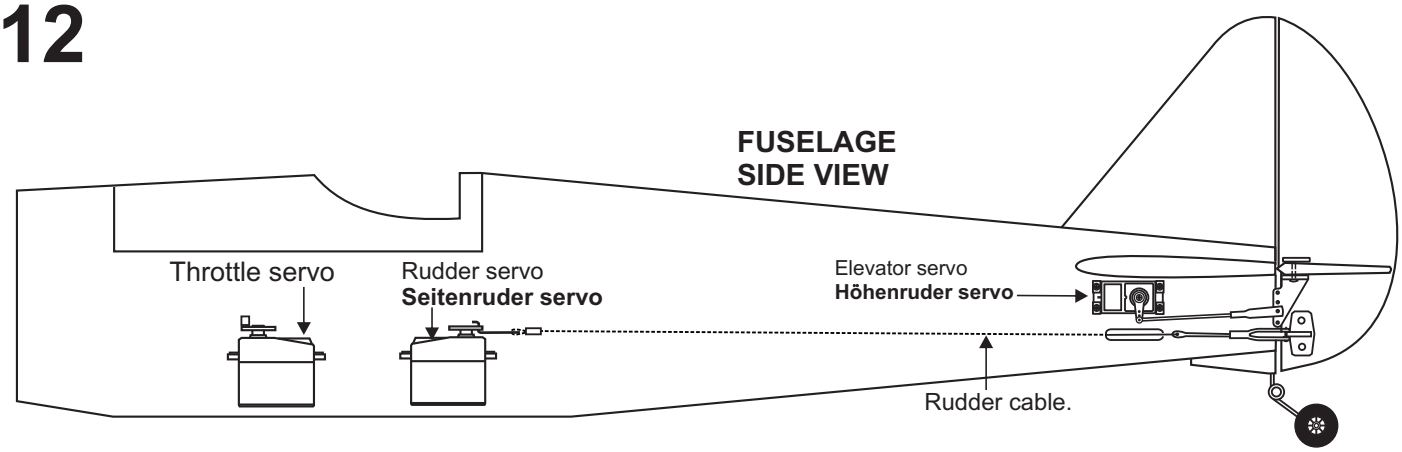
X Battery seat bell

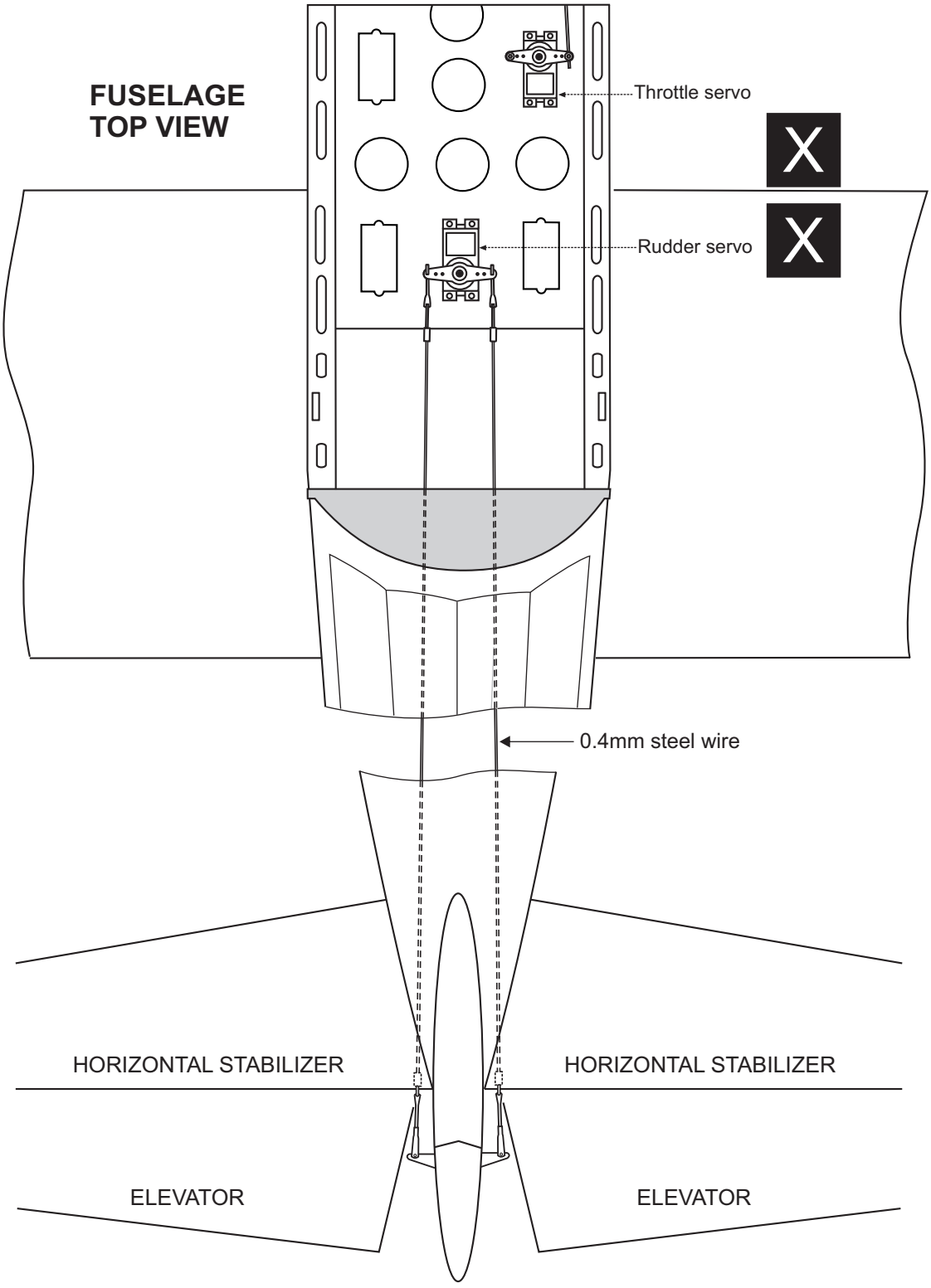
Akku Kiettband aus dem **PICHLER Sortiment Best.Nr. C4739**



3x12mm screw 5

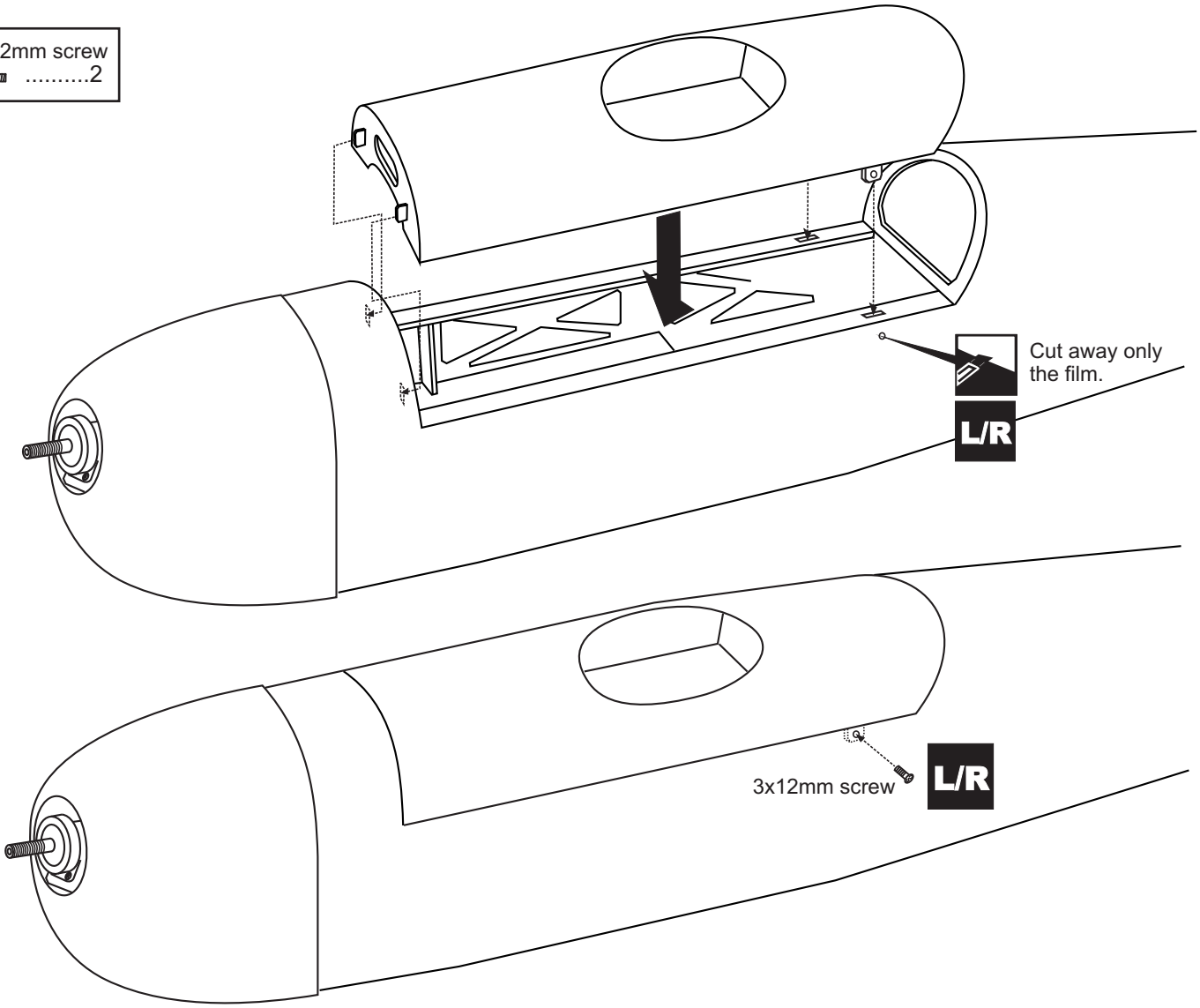
12


FUSELAGE
SIDE VIEW
Throttle servo
Rudder servo
Seitenruder servo
Elevator servo
Höhenruder servo
Rudder cable.


FUSELAGE
TOP VIEW
Throttle servo
Rudder servo
0.4mm steel wire
HORIZONTAL STABILIZER
HORIZONTAL STABILIZER
ELEVATOR
ELEVATOR

13

3x12mm screw 2



14

Control horn 2

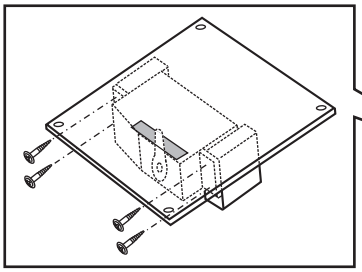
2x30mm screw 4

3x12mm screw 8

8mm dowel 4

Connector 2

X



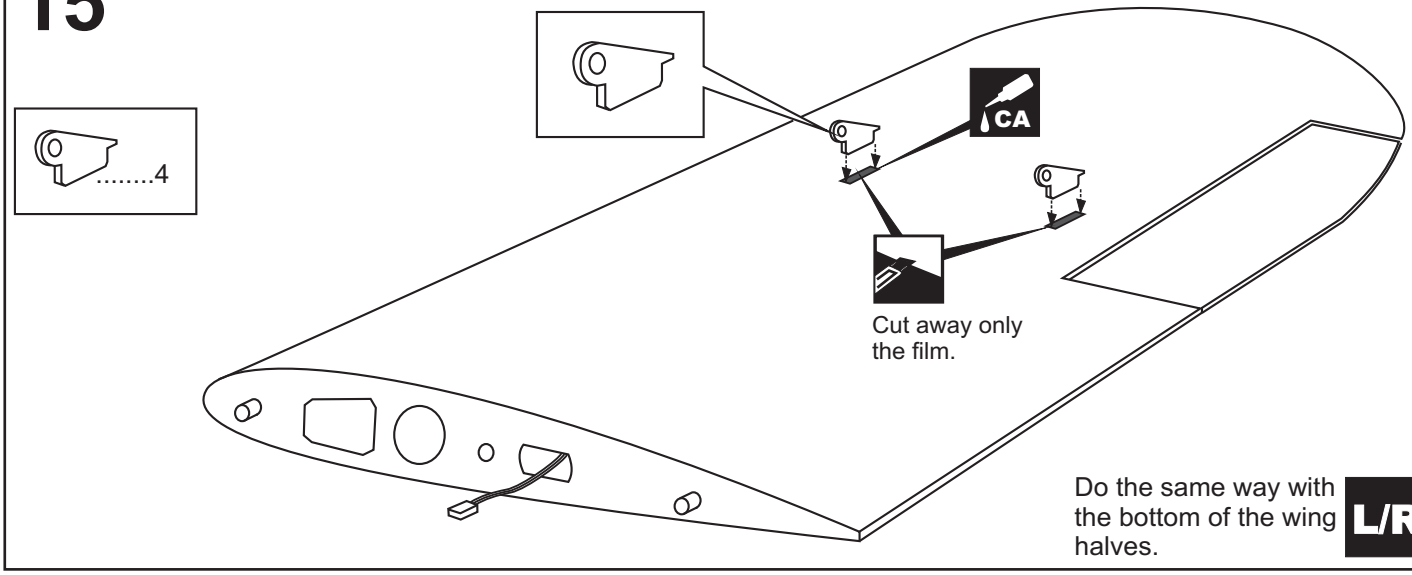
BOTTOM - VIEW / **Unteransicht**

Do the same way with another half wing.

L/R

15

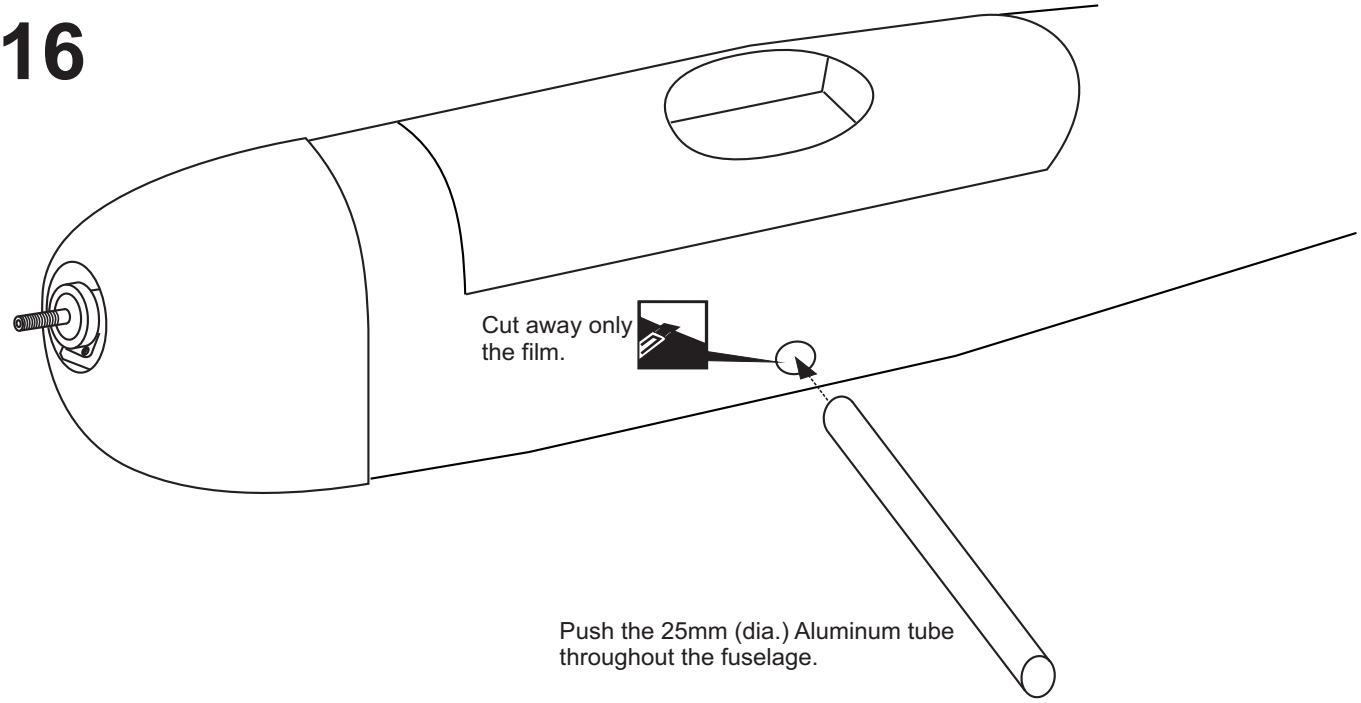
TOP VIEW / **Draufsicht**



Do the same way with the bottom of the wing halves.

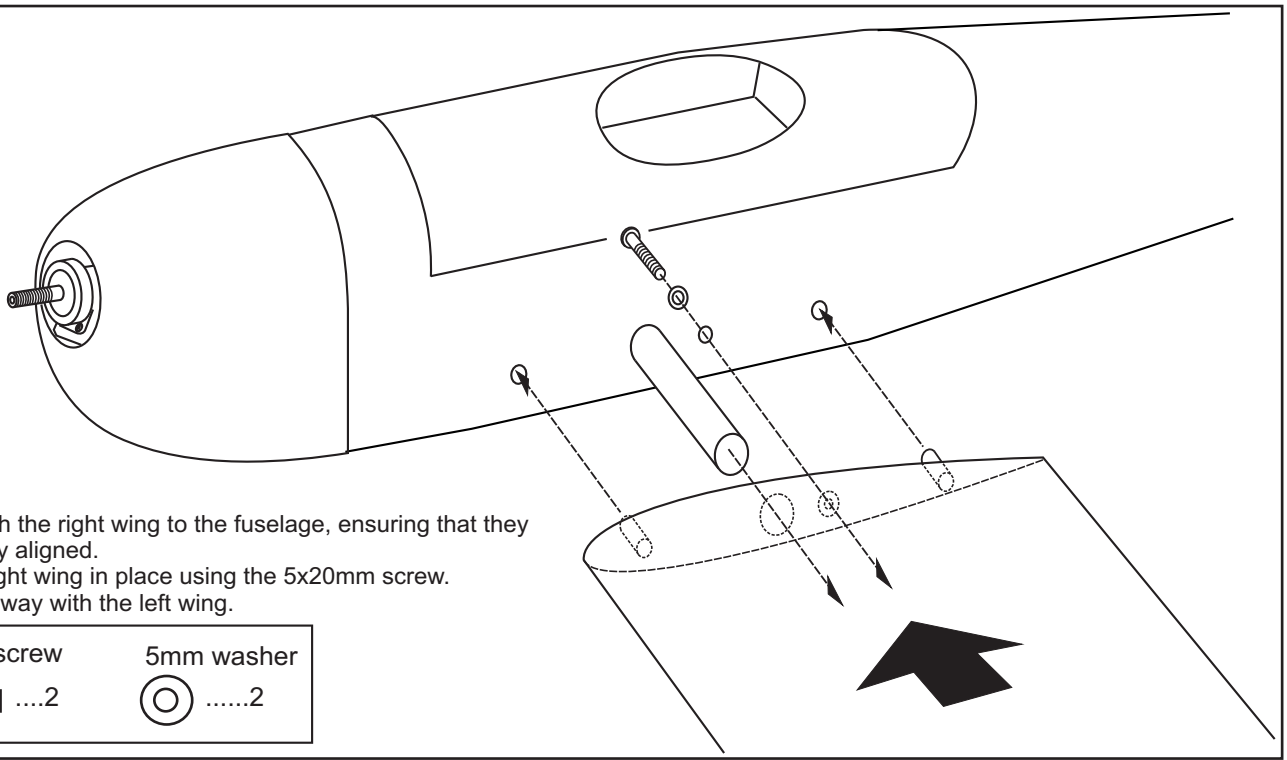
L/R

16



Push the 25mm (dia.) Aluminum tube throughout the fuselage.

17



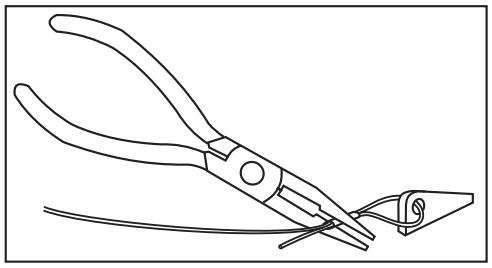
Carefully push the right wing to the fuselage, ensuring that they are accurately aligned.
Secure the right wing in place using the 5x20mm screw.
Do the same way with the left wing.

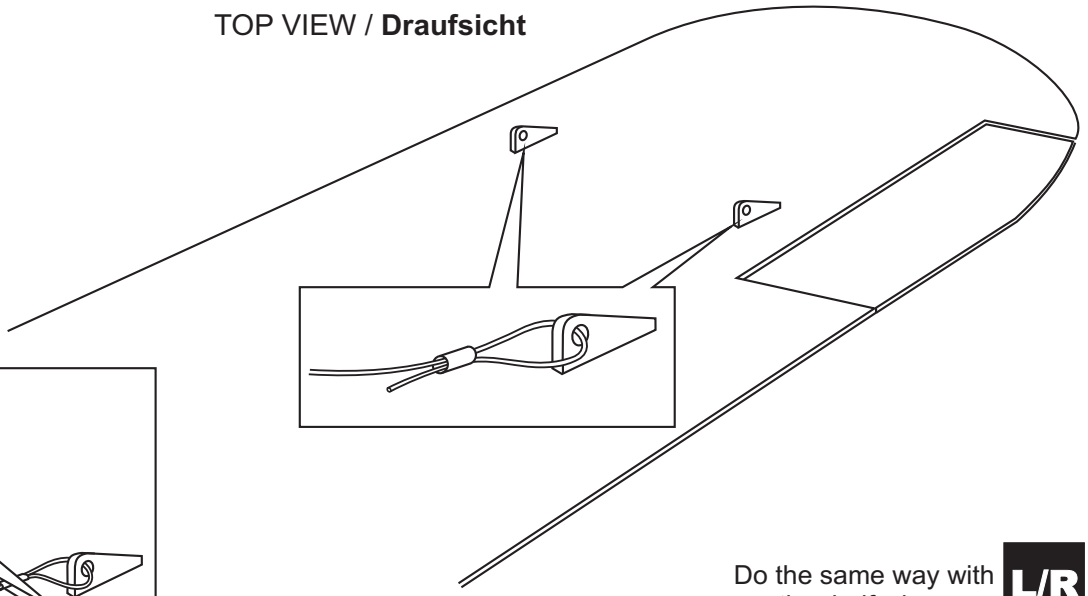
5X20mm screw	5mm washer
....2	2

18

TOP VIEW / **Draufsicht**

Metal hook
.....2
.....2
1mm dia. Cable
...1 roll
2mm metal tube
.....16





Do the same way with another half wing. **L/R**

19

5 min. Epoxy

A B

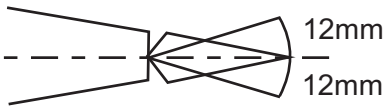
CA

Secure the wind-shield in place with adhesive tape.

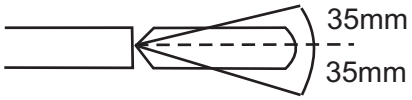
To the side of the fuselage

20

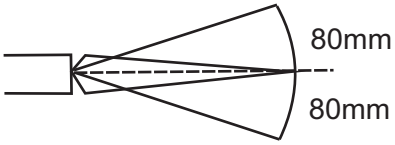
Control surface / Ruderausschläge



AILERON STROKE
Querruderausschlag



ELEVATOR STROKE
Höhenruderausschlag



RUDDER STROKE
Seitenruderausschlag

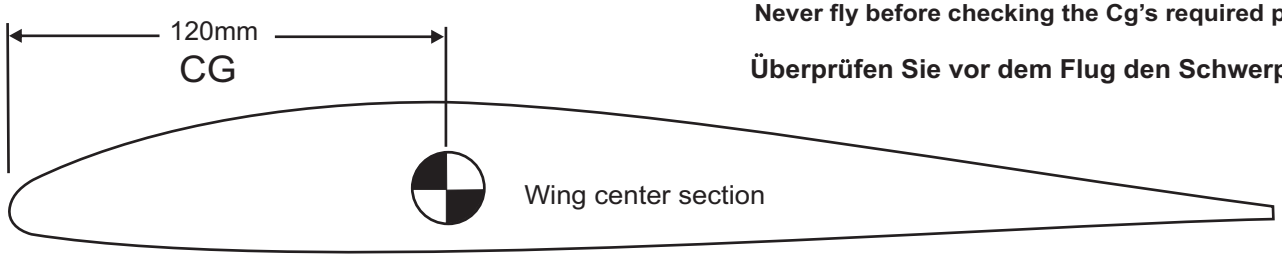
Adjust the travel of each control surface to the values in the diagrams these values fit general flight capabilites. Readjust according to your needs and flight level.

21

Balance / Schwerpunkt

WARNING ! Securely install the receiver and power pack, ensuring they will not come loose or rattle during flight.
Never fly before checking the Cg's required position.

Überprüfen Sie vor dem Flug den Schwerpunkt.



In order to obtain the CG specified, reposition the receiver and power pack

IMPORTANT: Please do not clean your model with pure alcohol, only use liquid soap with water or use glass-cleaner to clean on surface of your model to keep the colour not fade.