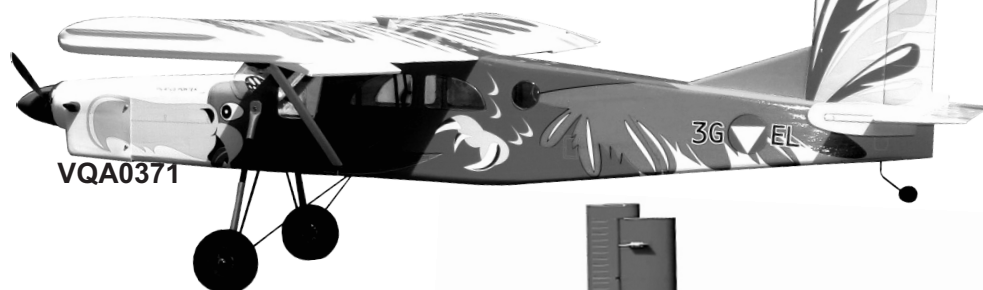


INSTRUCTION MANUAL MONTAGEANLEITUNG

Radio control model / R/C Flugmodell

PC-6 PILATUS PORTER



46 Class (2T engine)
52 Class (4T engine)
Or Electric equivalent

TECHNISCHE DATEN

Spannweite	1580mm
Länge	1160mm
Elektroantrieb	870 Watt (PULSAR 60)
Verbrennerantrieb	7.5cc 2-T / 11cc 4-T
Fernsteuerung	5 Kanal / 5 Servos

SPECIFICATIONS

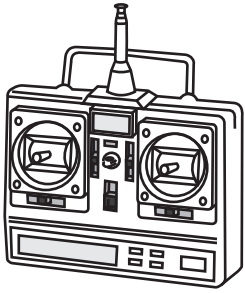
Wingspan	1580mm
Length	1160mm
Electric Motor	870 Watt (PULSAR 60)
Glow Engine	.46 2-T / .70 4-T
Radio	5 Channel / 5 Servos



WARNING! This radio controlled model is NOT a toy. If modified or flown carelessly it could go out of control 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.

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.

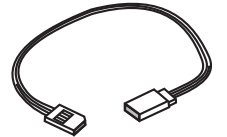
REQUIRED FOR OPERATION (Purchase separately) BENÖTIGTE KOMPONENTEN (Nicht im Lieferumfang enthalten)



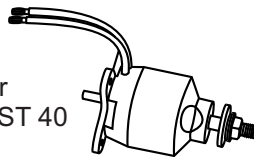
Minimum 5 channel radio for airplane
Minimum 5 Kanal Fernsteuerung



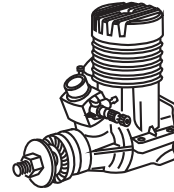
Propeller 11x8 for electric motor / 11x6 for glow engine
Luftschraube 11x8 für Elektromotor / 11x6 für Verbrennungsmotor



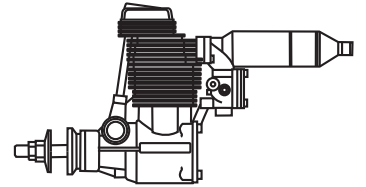
Extension cord
Servoverlängerungskabel



Brushless Motor
PICHLER BOOST 40
Brushless ESC



Brushless Regler
Battery / Flugakku **LEMONRC 3700-11.1V** .46 cu.in. (7.5cc)



.52 cu.in (8.5cc)



Cyanoacrylate Glue
Sekundenkleber

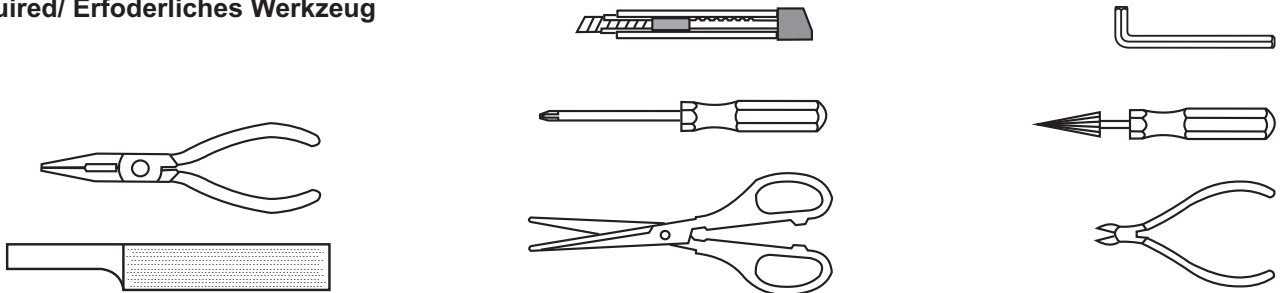


SILICON
Silicon Glue
Silikonkleber



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

Tool Required/ Erforderliches Werkzeug



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

Die Bespannung des Modells kann durch Temperatureinflüsse erschlaffen oder Falten werfen z.B. bei zu starker Sonneneinstrahlung oder Hitze.
Stellen Sie das Modell zunächst an einen kühlen Platz für eine bestimmte Zeit. Danach können Sie versuchen die restlichen Falten vorsichtig 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

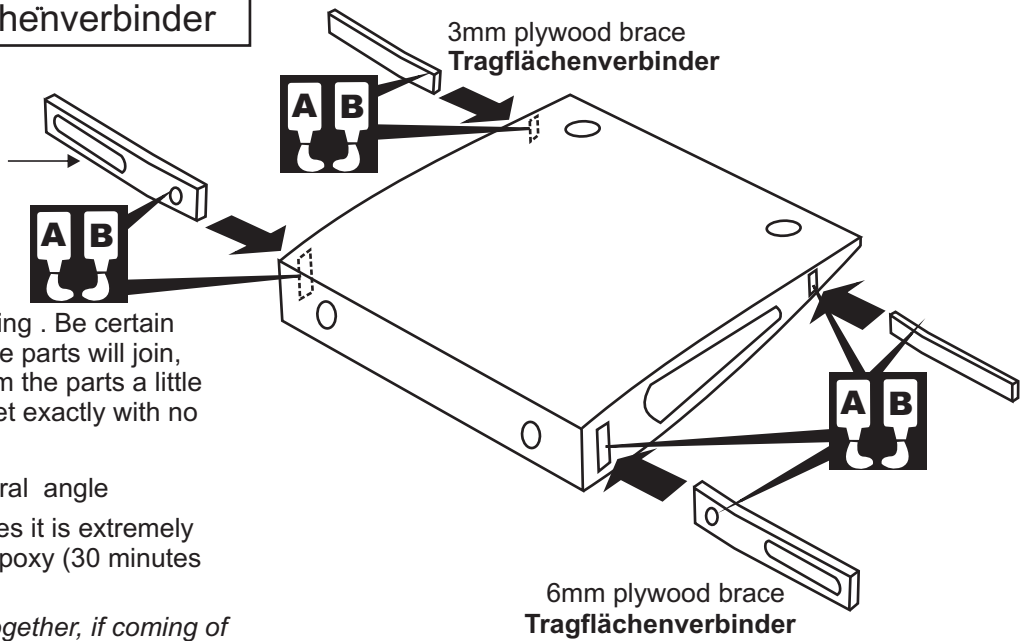
Löcher bohren mit dem angegebenen Bohrer (hier 1,5 mm)	Hier besonders aufpassen	Schraffierte Stellen, Bespannfolie vorsichtig entfernen	Während des Zusammenbaus immer prüfen, ob sich die Teile auch reibungslos bewegen lassen
Epoxy-Klebstoff verwenden	Sekundenkleber auftragen	Linke und rechte Seite wird gleichermaßen zusammgebaut	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- Wing Joiner / Flächenverbinder

6mm plywood
Tragflächenverbinder



1-Trial fit each part 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.

2-Check for the correct dihedral angle

3-When joining the wing halves it is extremely important to use plenty of epoxy (30 minutes epoxy).

WARNING! Securely glue together, if coming of during flights, you lose control of your plane which lead to accidents.

TOP VIEW / Draufsicht

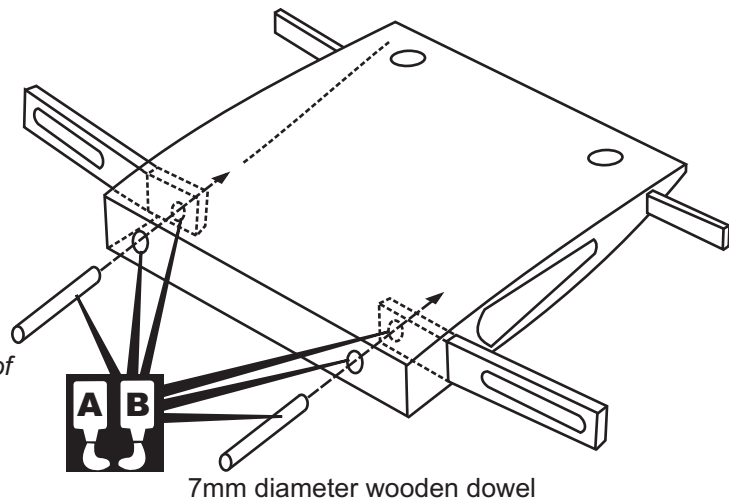
2- Wing Joiner / Flächenverbinder

Trial fit each part 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.

Die Teile probetalber zusammenstecken und ggf. Etwas nacharbeiten.

WARNING! Securely glue together, if coming of during flights, you lose control of your plane which lead to accidents.

Führen Sie die Verklebungen mit größter Sorgfalt aus



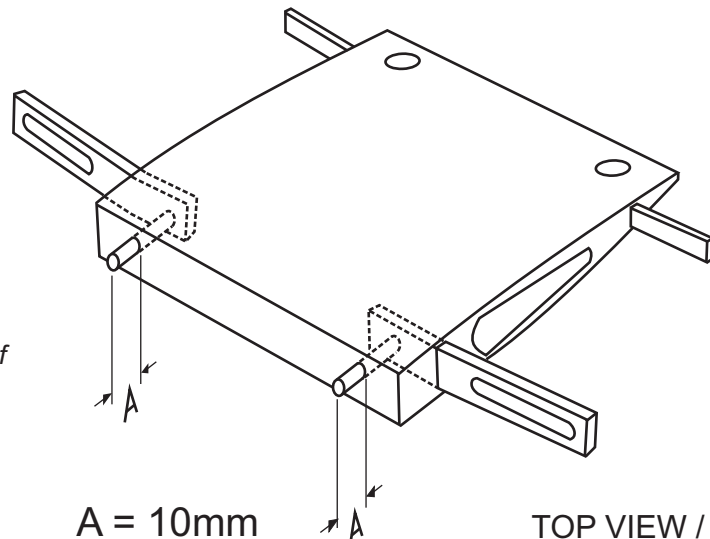
7mm diameter wooden dowel

TOP VIEW / Draufsicht

3- Wing Joiner / Flächenverbinder

WARNING! Securely glue together, if coming of during flights, you lose control of your plane which lead to accidents.

Führen Sie die Verklebungen mit größter Sorgfalt aus



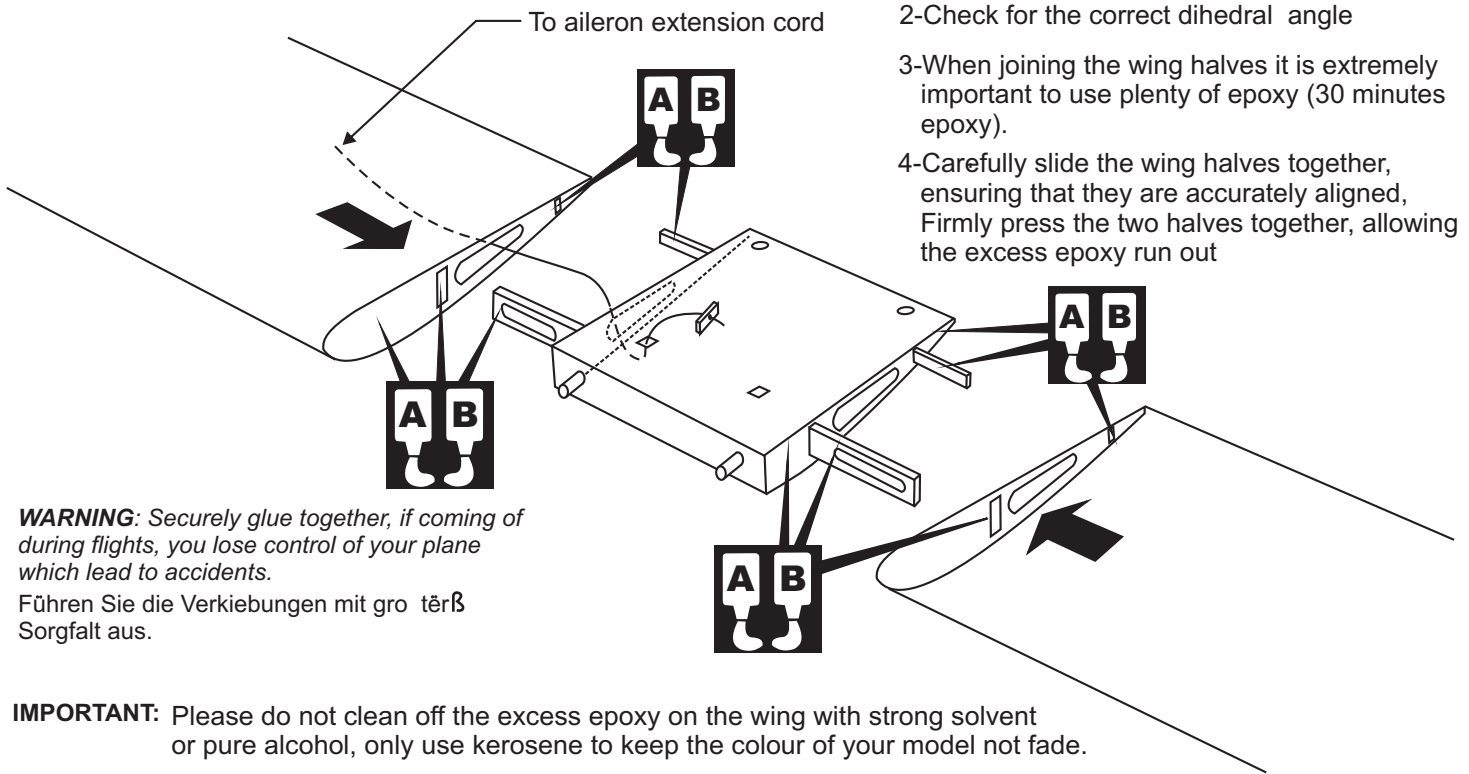
A = 10mm

TOP VIEW / Draufsicht

4- Joining the wing / Fläche

Die Teile probeweise zusammenstecken und ggf. etwas nacharbeiten.

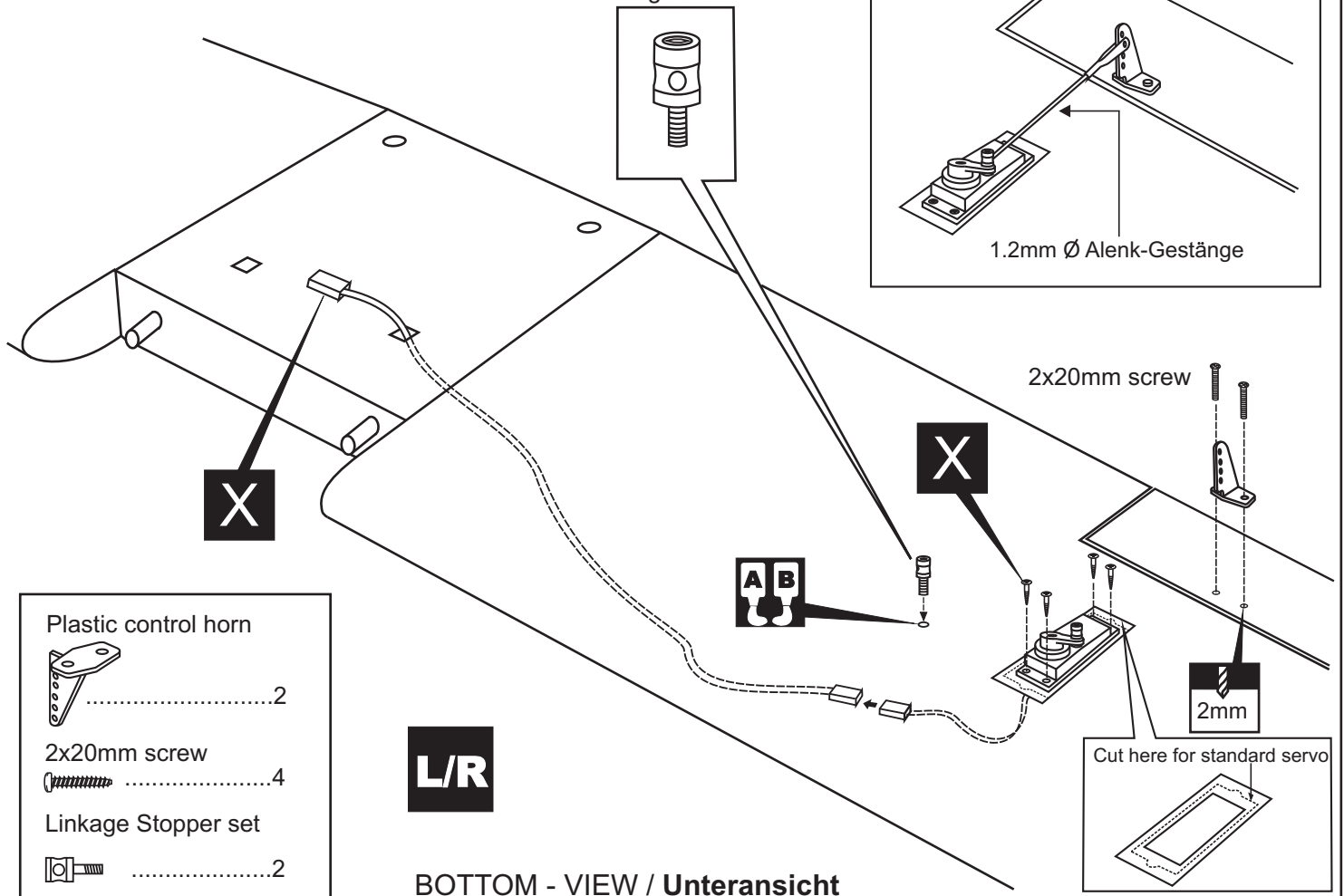
BOTTOM - VIEW / **Unteransicht**



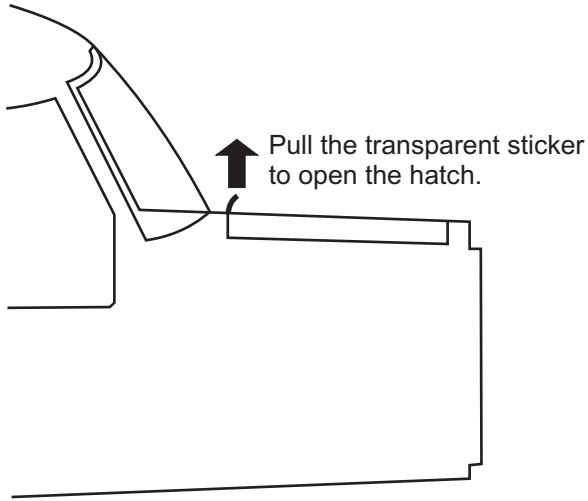
- 1-Trial fit each part before gluing . Be certain that there are no gaps. If the parts will join, but with a gaps, sand or trim the parts a little at a time until the parts meet exactly with no gaps.
- 2-Check for the correct dihedral angle
- 3-When joining the wing halves it is extremely important to use plenty of epoxy (30 minutes epoxy).
- 4-Carefully slide the wing halves together, ensuring that they are accurately aligned, Firmly press the two halves together, allowing the excess epoxy run out

5- Installing the linkages / Einbau RC-Anlage

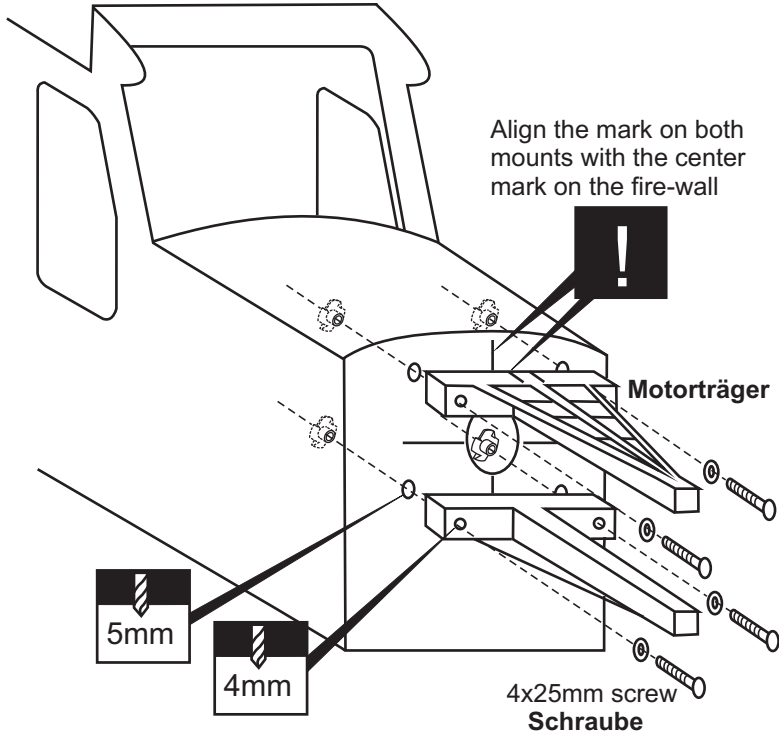
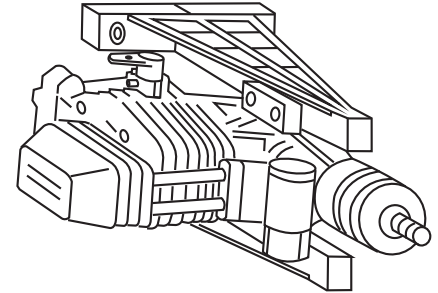
Gestängeanschluss



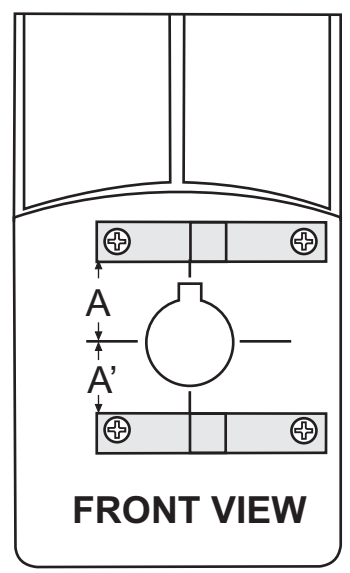
6- Engine - Engine mount / Motorträger - Motoreinbau



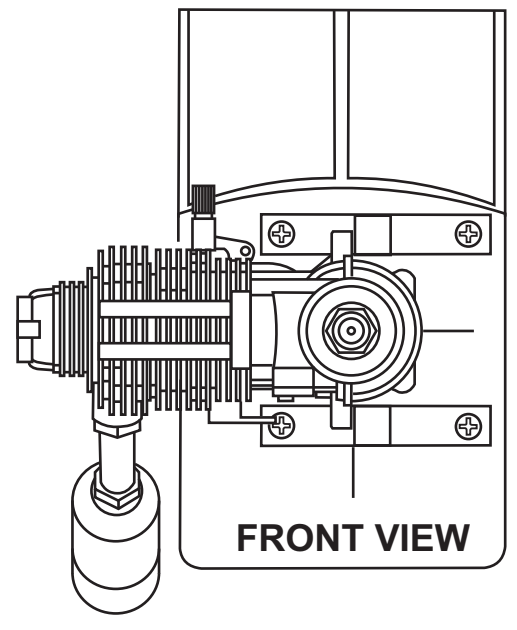
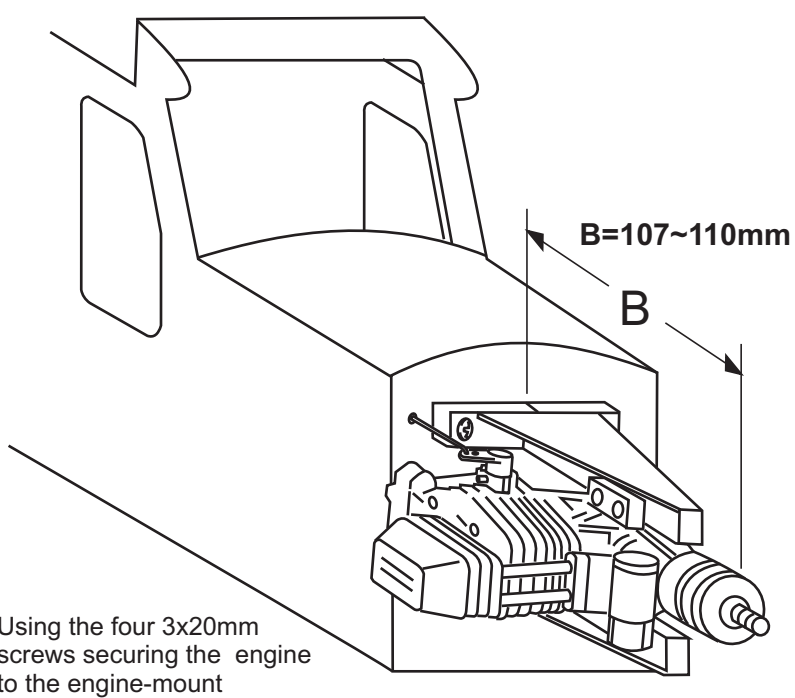
3x20mm screw	4x15mm screw
3mm nut	Blind-nut
3mm washer	4mm washer



In case of 4T engine



Align the engine center with fire-wall marked line (A=A')

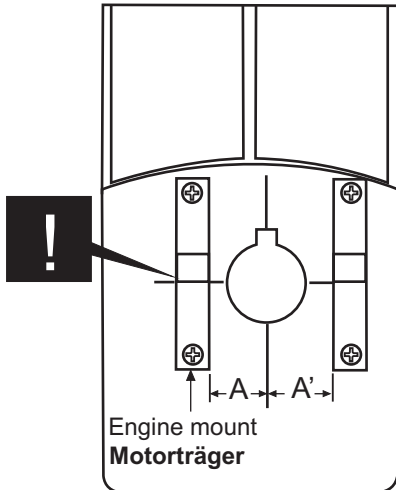


7- Engine - Engine mount / Motorträger - Motoreinbau

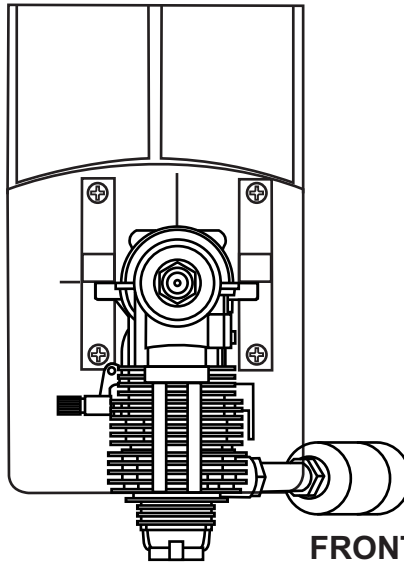
Align the mark on both mounts with the center mark on the fire-wall

In case of 4T engine
Viertaktmotoren

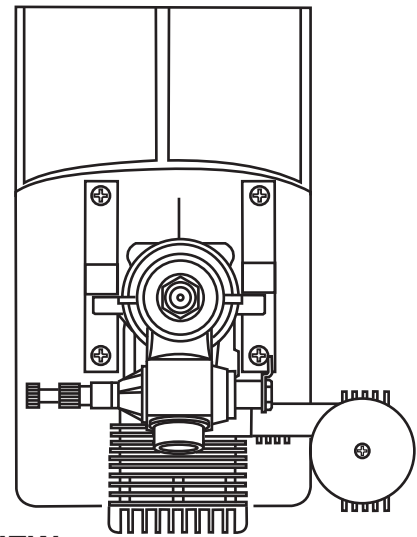
In case of 2T engine
Zweitaktmotoren



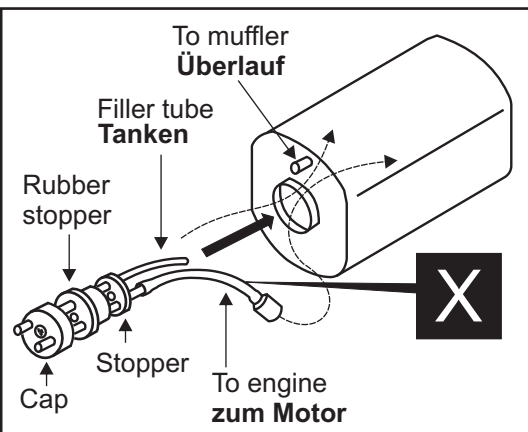
Align the engine center with fire-wall marked line (A=A')



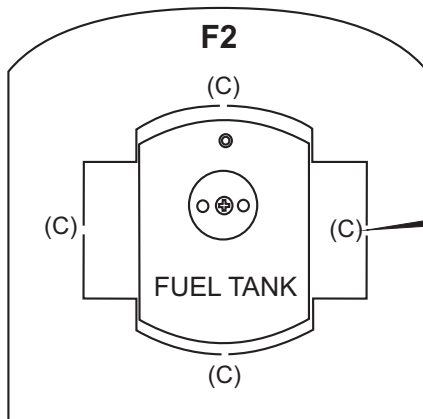
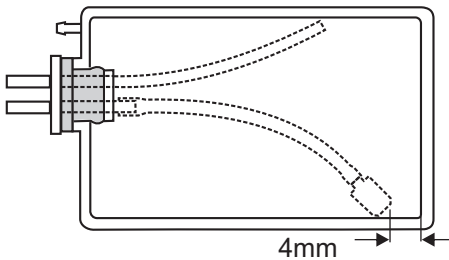
FRONT VIEW



8- Fuel tank / Kraftstofftank



After confirming the direction . Insert and tighten the screw.

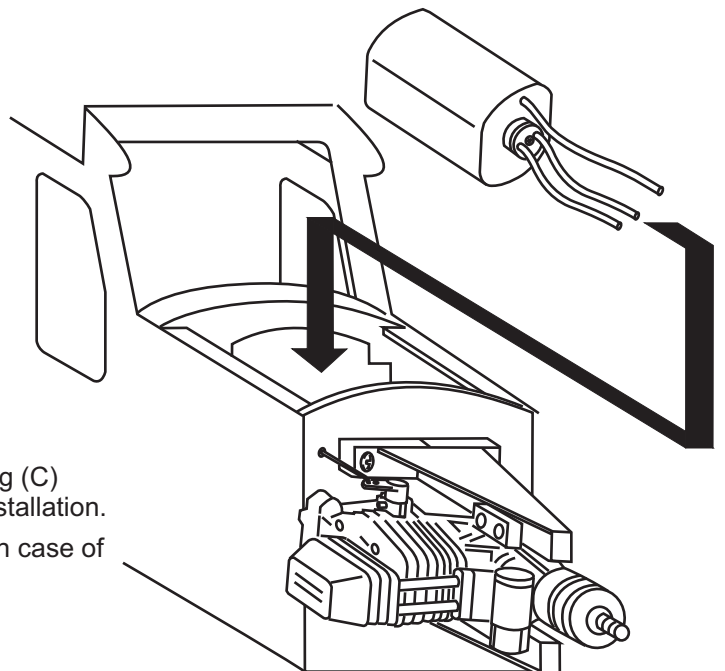
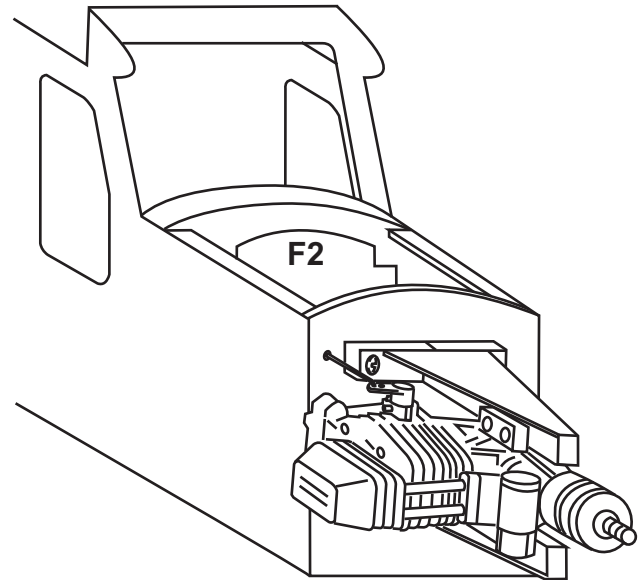


For Gas power



Cut the opening (C) for fuel-tank installation.

Note: Do not cut here in case of Electric power.



9- Brushless Motor

Plywood motor mounting plate (2pcs)
Sperrholztrager Platten (2 St.)

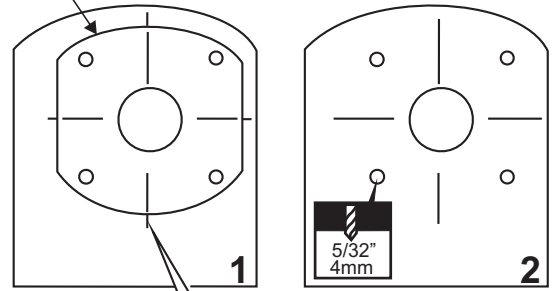
FRONT-VIEW
Vorderansicht

Sperrholztrager Platten zusammenkleben, wie gezeigt ausrichten und Locher bohren.

Motor nach untenstehendem Schema einbauen.

Fur optimale Leistung empfehlen wir folgende Komponenten:

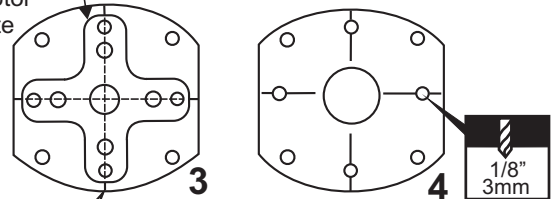
- Brushless-Motor PICHLER BOOST 40
- Brushless Regler PICHLER ESC-60
- LiPO Akku LEMONRC 3700-11,1V
- Luftschraube 11x8



Montagekreuz aus Alu (nicht enthalten)

! Align with the marks
An den Markierungen ausrichten

Aluminum motor mounting plate

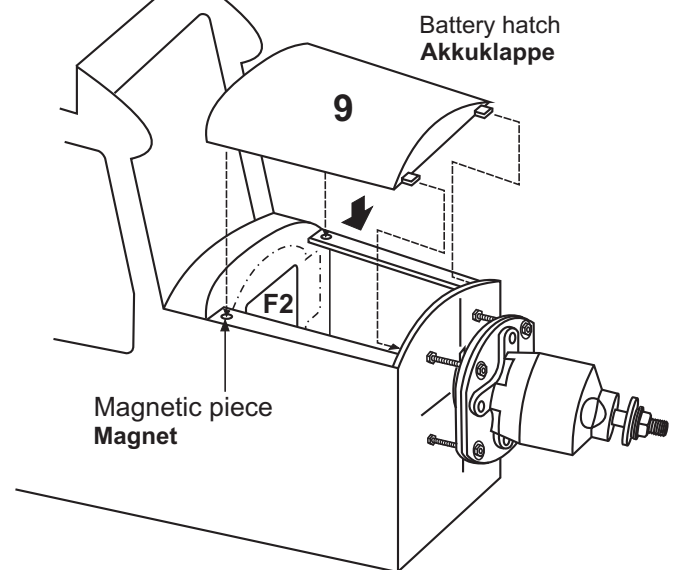
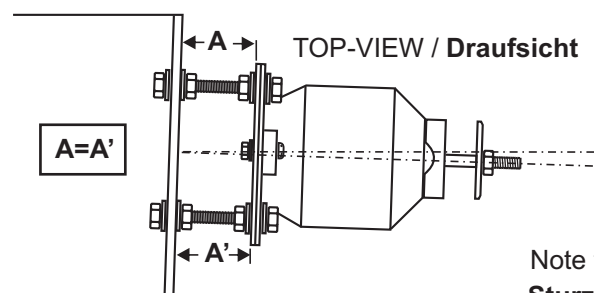
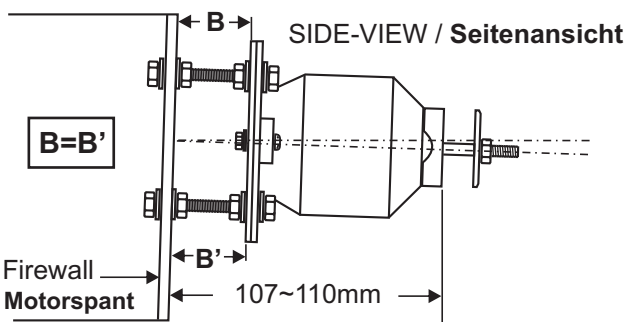
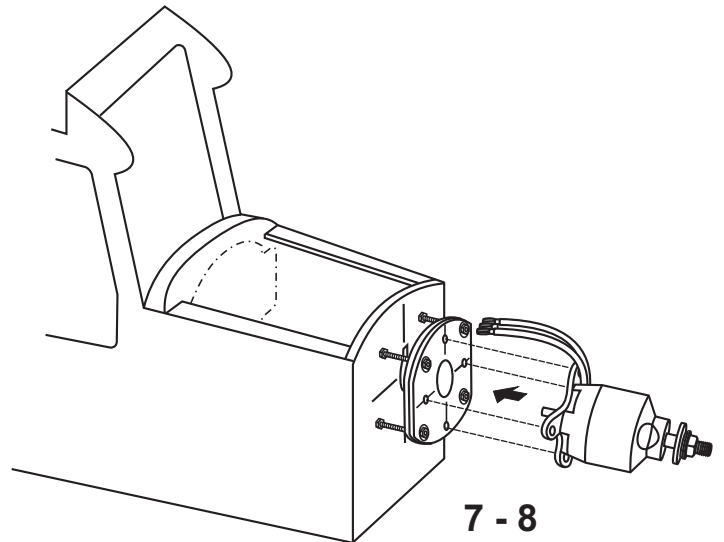
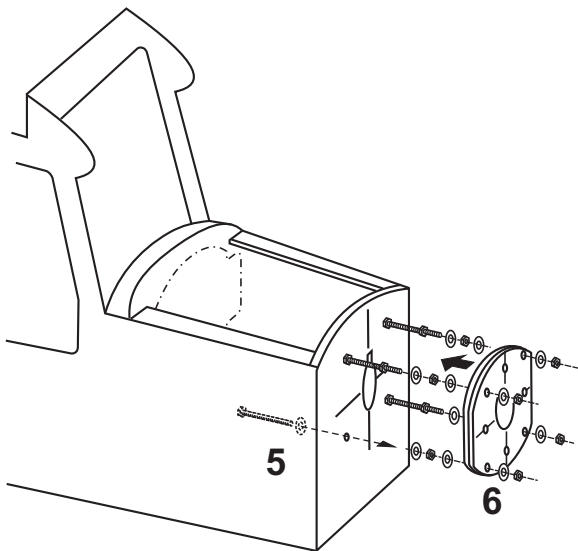


! Align with the marks
An den Markierungen ausrichten

Glue Plywood motor mounts together, align with the firewall as show. Install motor as show below.

For maximum performance, we recommended the following:

- Brushless-Motor PICHLER BOOST 40
- Brushless Regler PICHLER ESC-60
- LiPO Battery LEMONRC 3700-11,1V
- Luftschraube 11x8




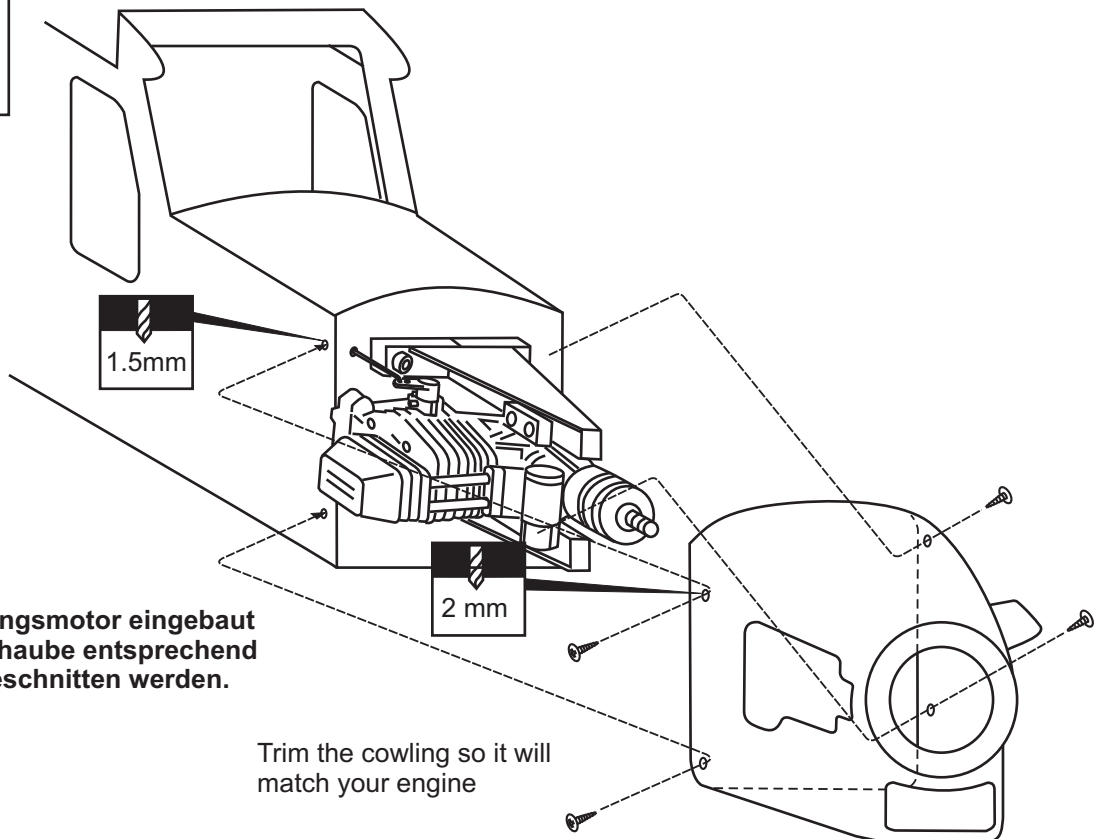
Note the side thrust for motor!
Sturz und Zug beachten!

	X4		X16
	X12		X4

10- Cowling Motorhaube

3x8mm screw
Blechschaube

4




Falls ein Verbrennungsmotor eingebaut wird muß die Motorhaube entsprechend dem Zylinder ausgeschnitten werden.


Trim the cowling so it will match your engine

11- Linkage / Anlenkungen

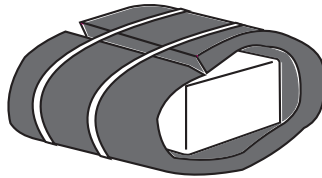
Linkage Stopper set
Gestängeanschluss

3

3mm set screw
Madenschraube M3

3

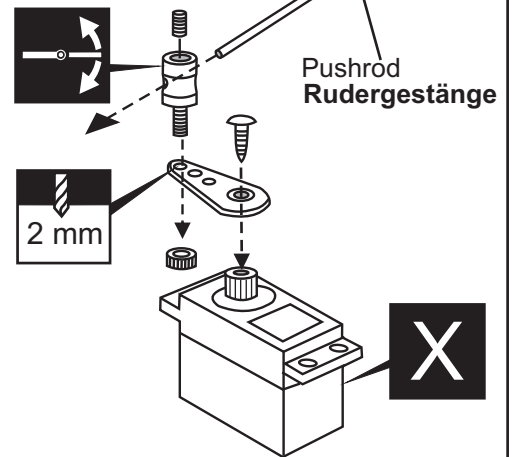
Receiver and battery
Akku & Empfänger
in Schaum lagern



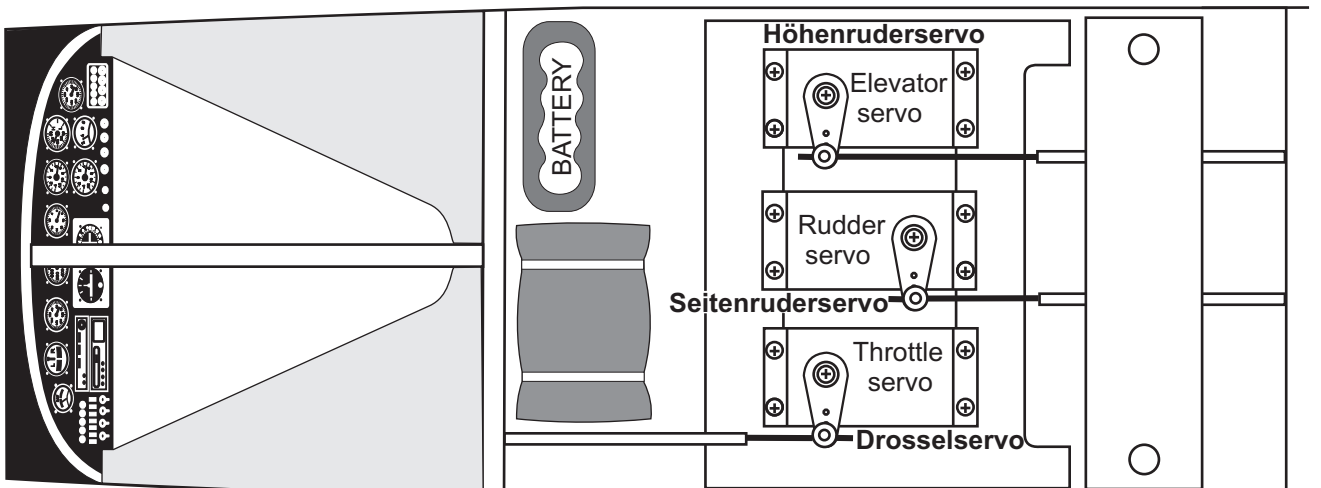
Secure foam padding with rubber bands or tape
(must be purchased separately)

3mm set Screw

Madenschraube M3




FUSELAGE - TOP VIEW / UNTERANSICHT



12- Landing gear / Fahrwerk

3x12mm screw / **Schraube**

2

Spring

.....2

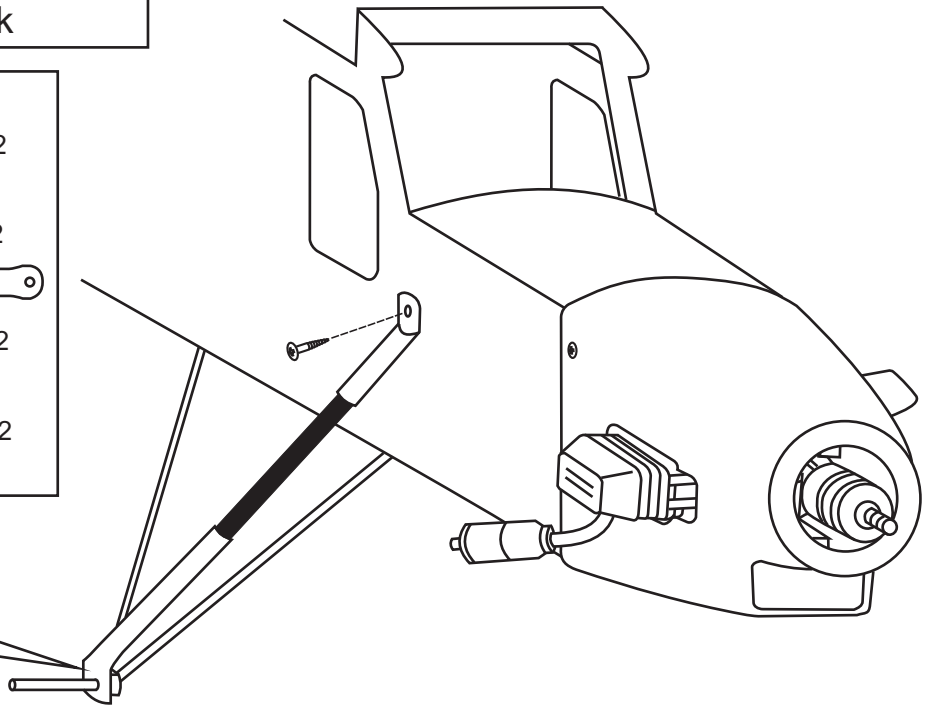
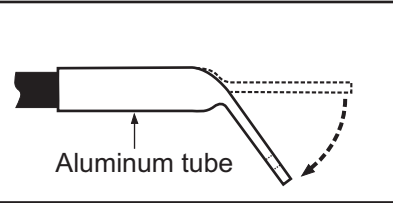


Main landing gear (4mm).....2

Hauptfahrwerk


Landing gear (2.5mm).....2

Fahrwerksdraht



13- Landing gear / Fahrwerk


3x12mm screw

10

Nylon strap
Kunststoffstreifen

5

Stopper (metal)

2

3mm set screw

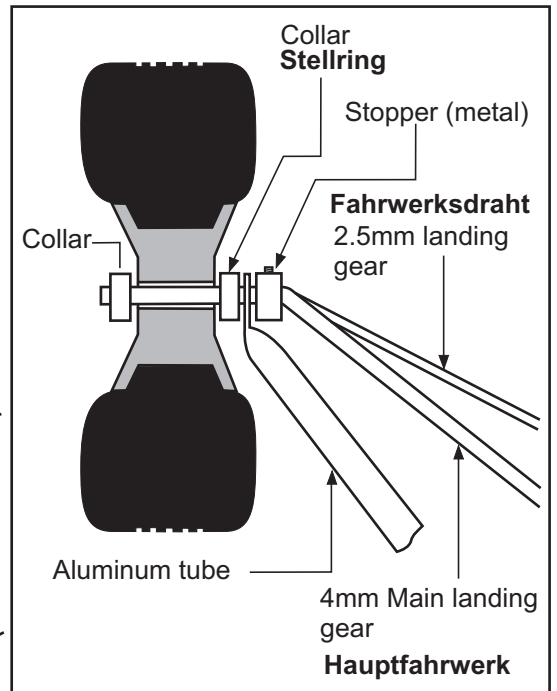
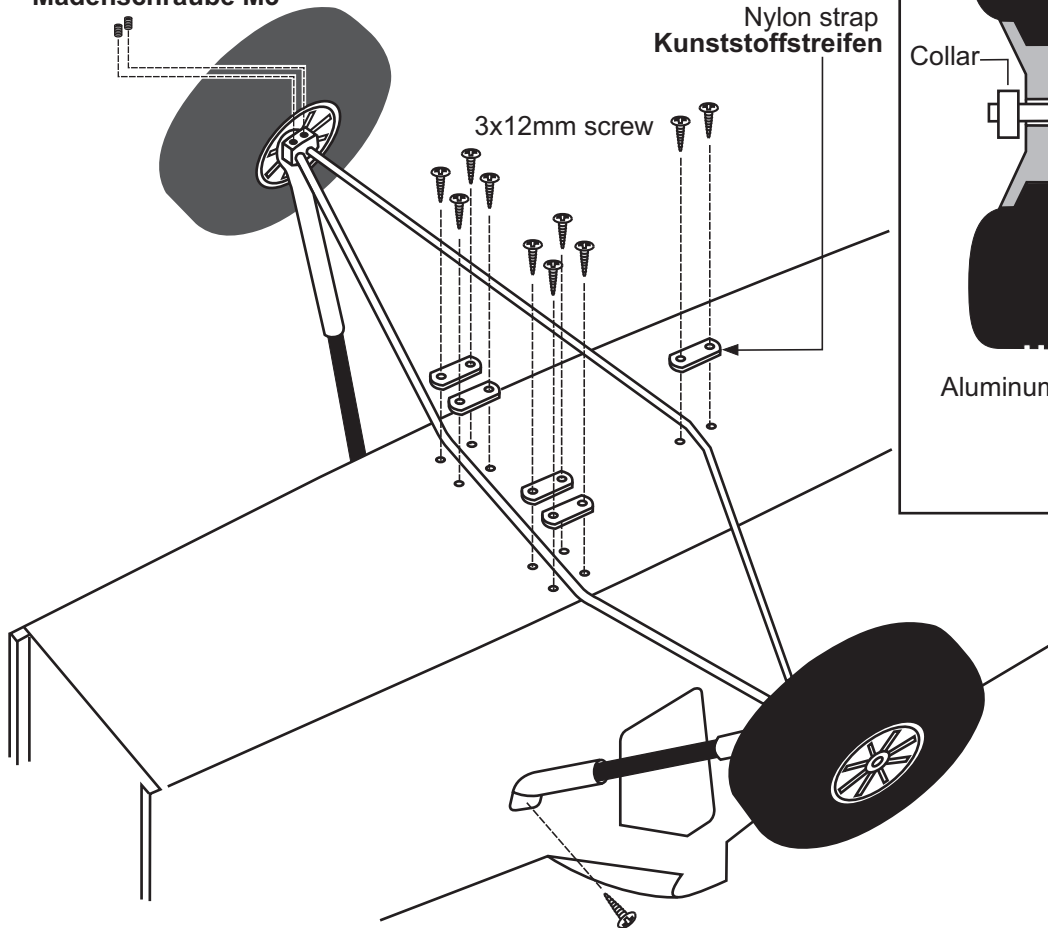
4

3mm set screw

Madenschraube M3

Nylon strap
Kunststoffstreifen

3x12mm screw



14- Tail gear / Heckspornrad

FUSELAGE - REAR - BOTTOM VIEW

3x15mm screw

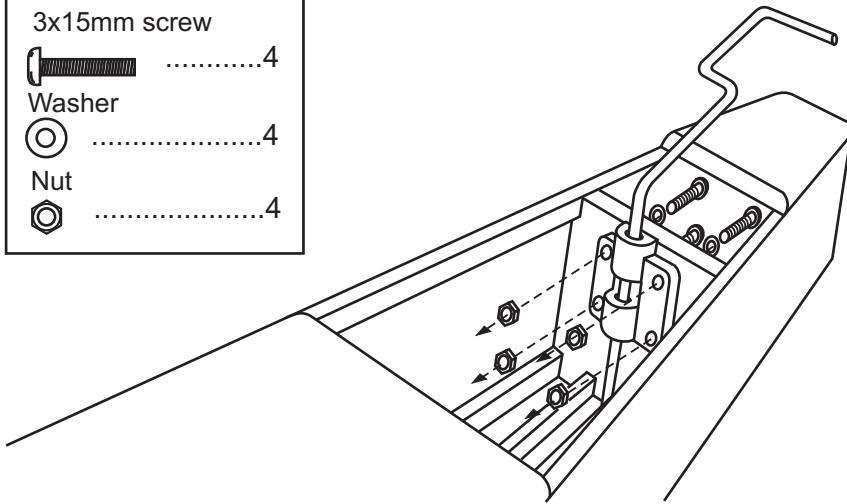
.....4

Washer

.....4

Nut

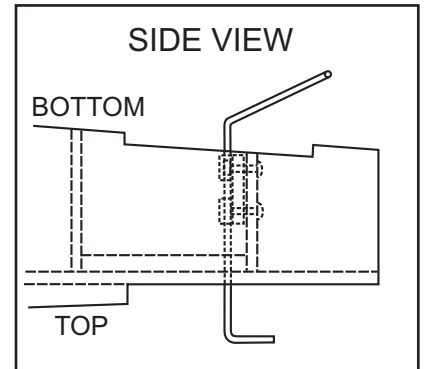
.....4



SIDE VIEW

BOTTOM

TOP



15- Horizontal Tail / Höhenruder

FUSELAGE - TOP-VIEW
AUF SICHT

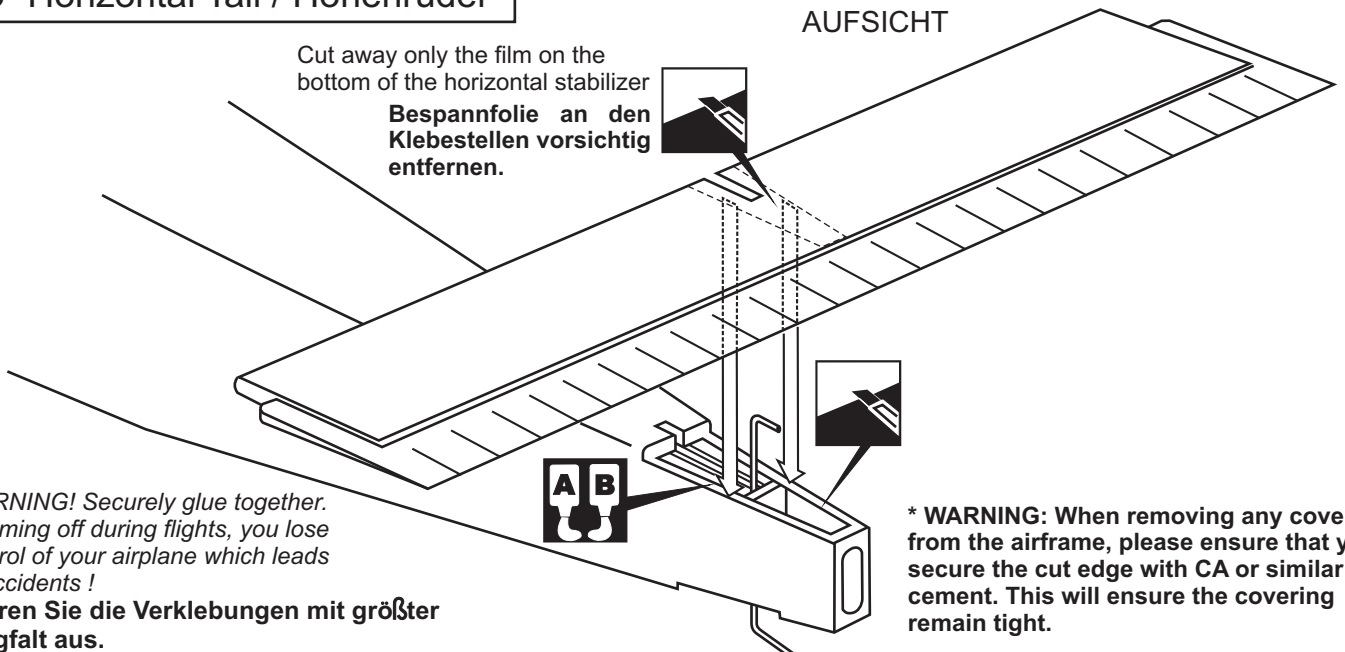
Cut away only the film on the bottom of the horizontal stabilizer

Bespannfolie an den Klebestellen vorsichtig entfernen.

WARNING! Securely glue together. If coming off during flights, you lose control of your airplane which leads to accidents!

Führen Sie die Verklebungen mit größter Sorgfalt aus.

*** 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.



16- Vertical Tail / Seitenruder

*** 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.

Cut away only the film both the left and right side

Elev. / Rudd.

Plastic control horn

FUSELAGE - TOP-VIEW
AUF SICHT

Plastic control horn and back plate

.....1

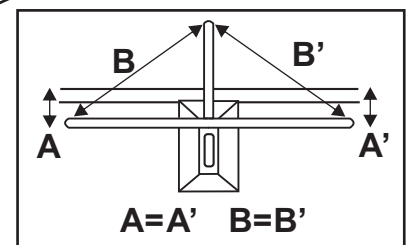
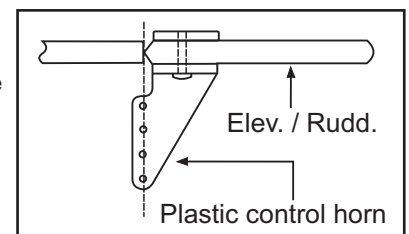
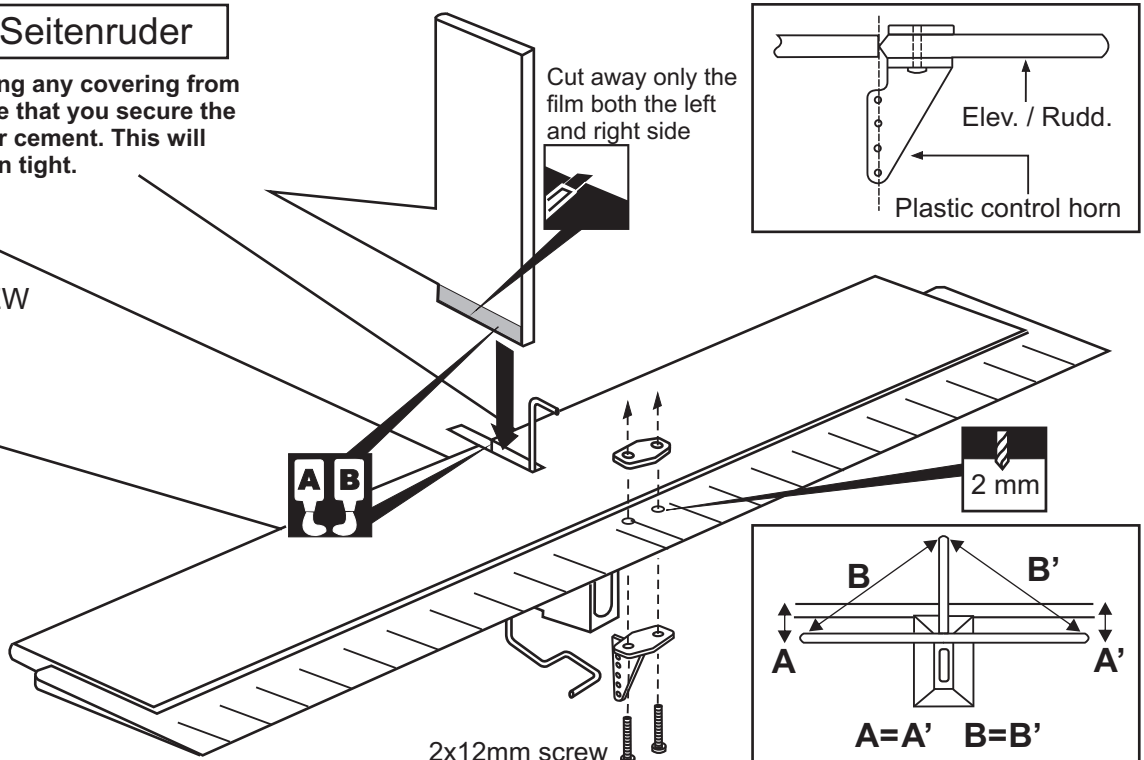
2x12mm screw

.....2

2 mm

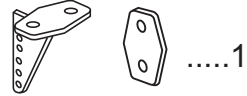
2x12mm screw

A=A' B=B'

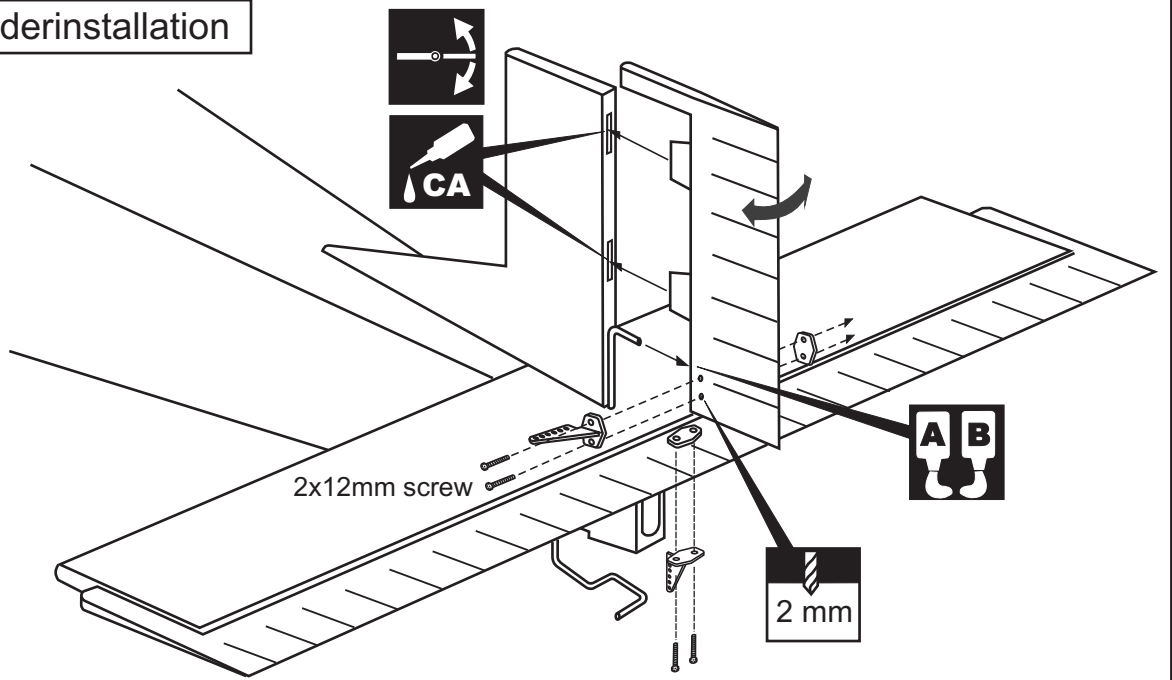


17- Rudder / Ruderinstallation

Plastic control horn and back plate

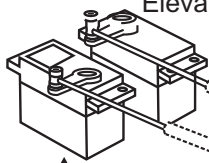


2x12mm screw

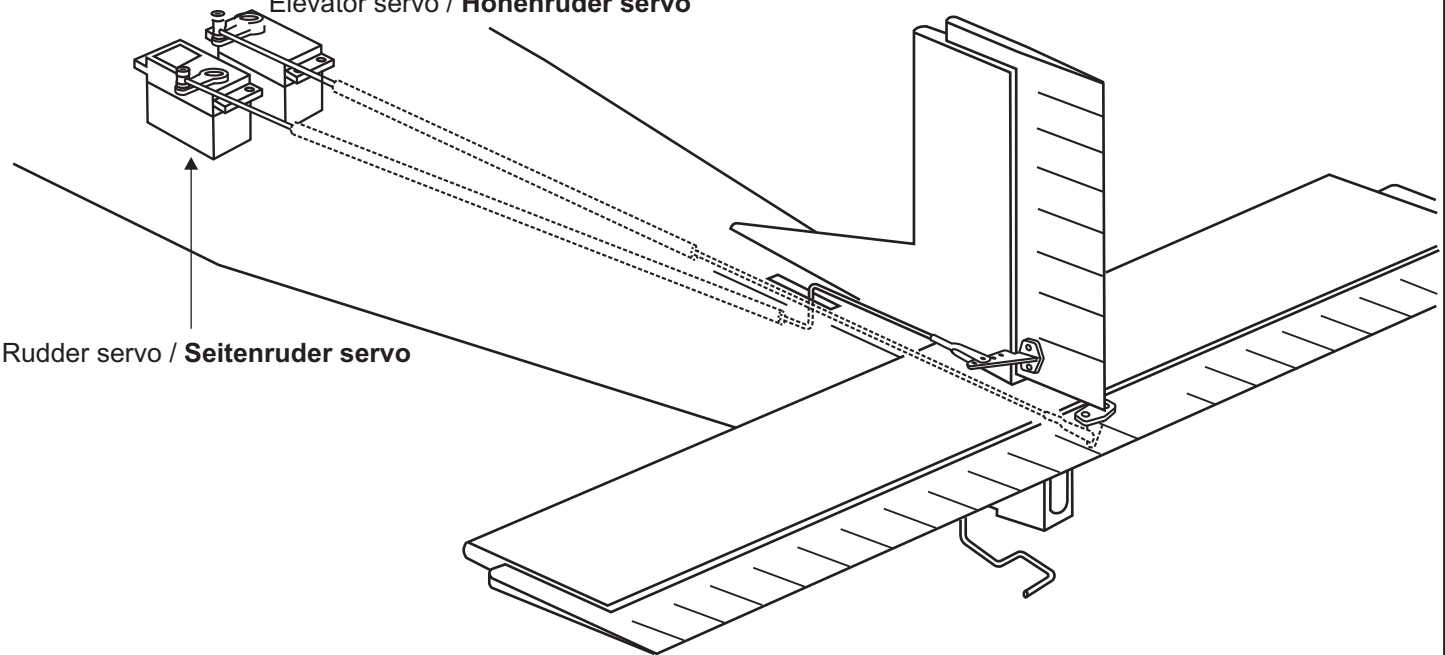


18- Linkage / Ruderanlenkung

Elevator servo / Höhenruder servo

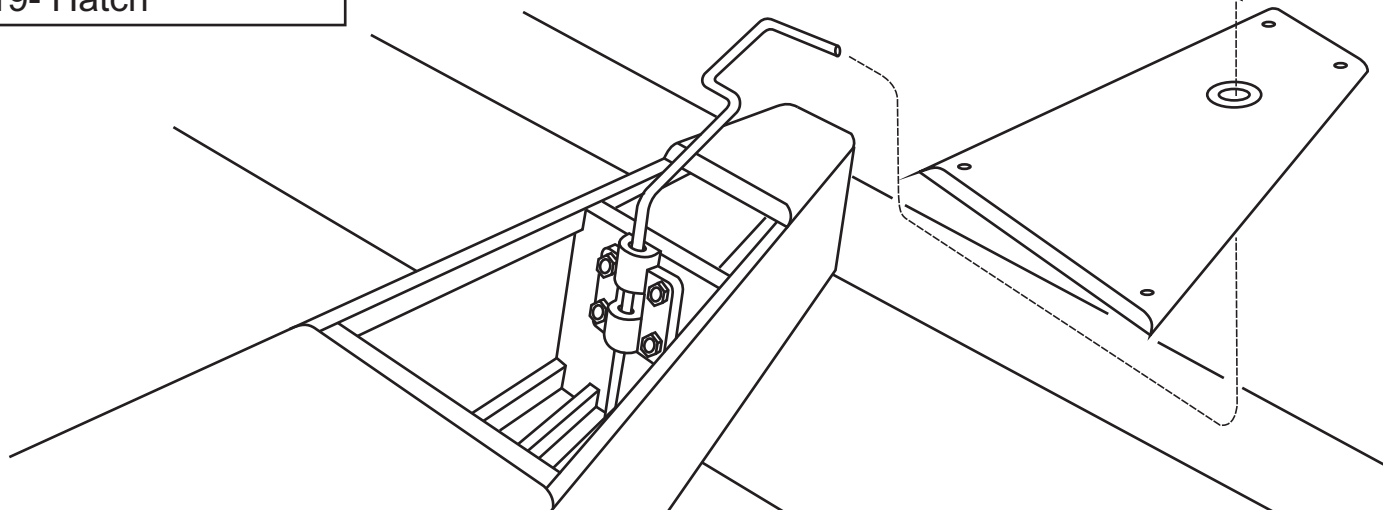


Rudder servo / Seitenruder servo



19- Hatch

FUSELAGE - REAR - BOTTOM VIEW / UNTERSICHT




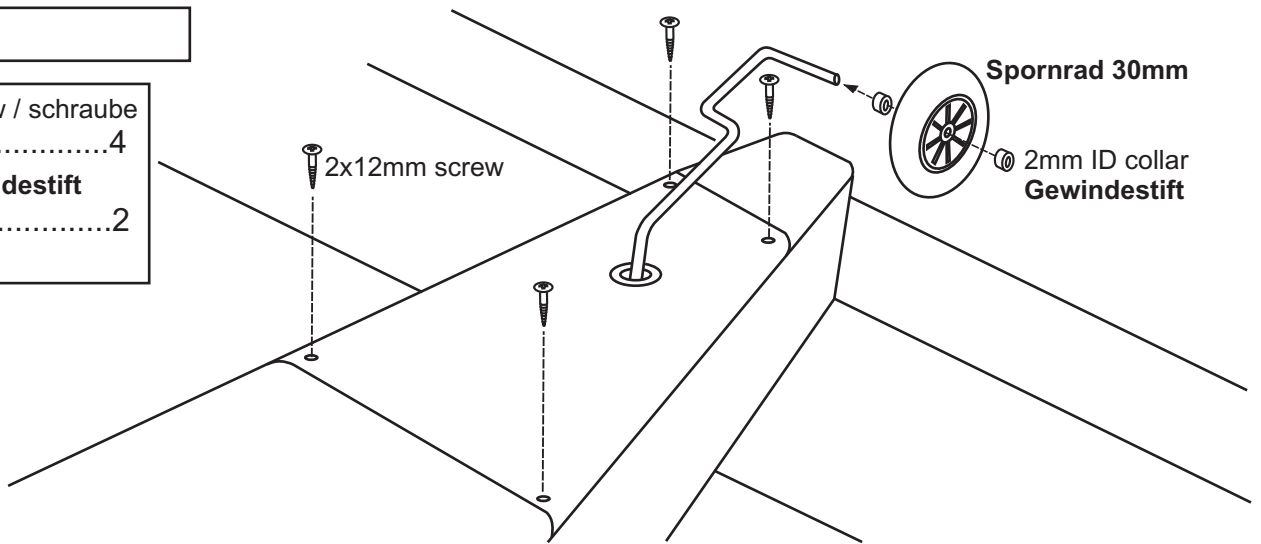
20- Hatch

2x12mm screw / schraube

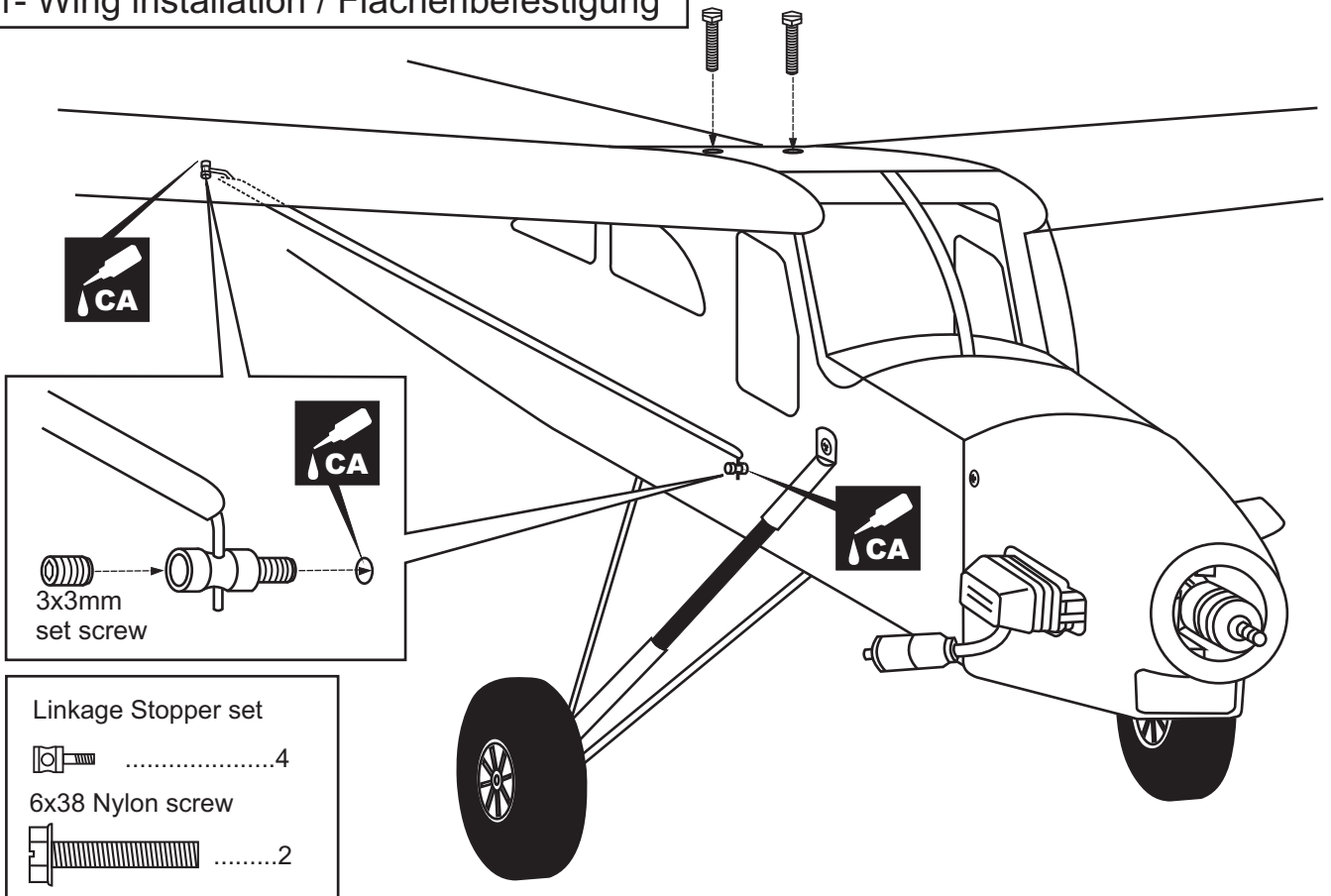
4

Collar / Gewindestift

2



21- Wing installation / Flächenbefestigung



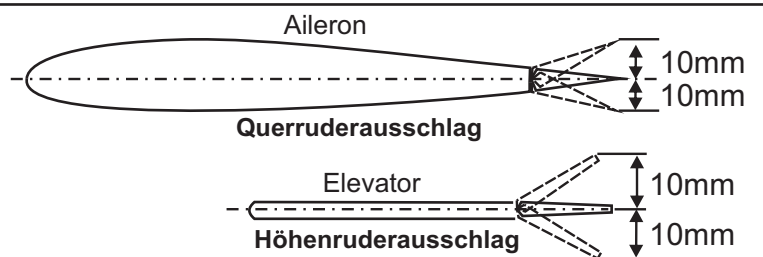
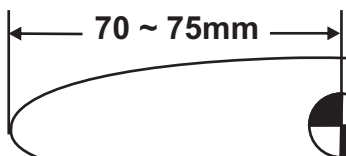
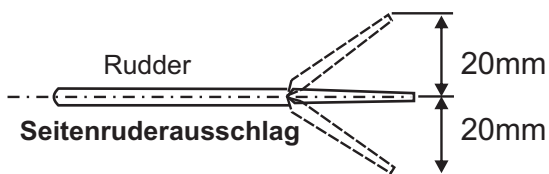
Linkage Stopper set

4

6x38 Nylon screw

2

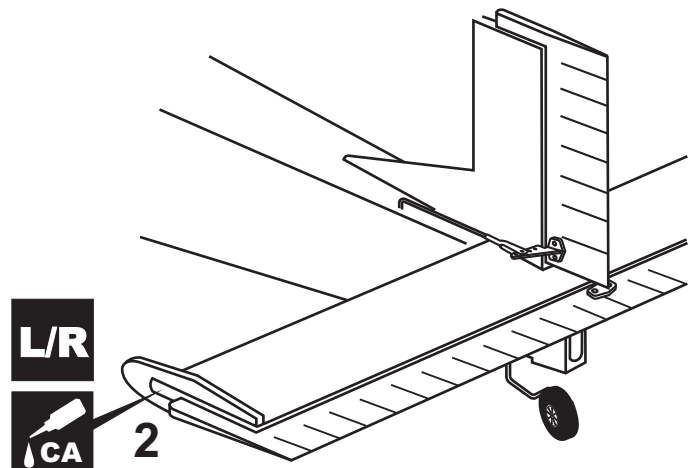
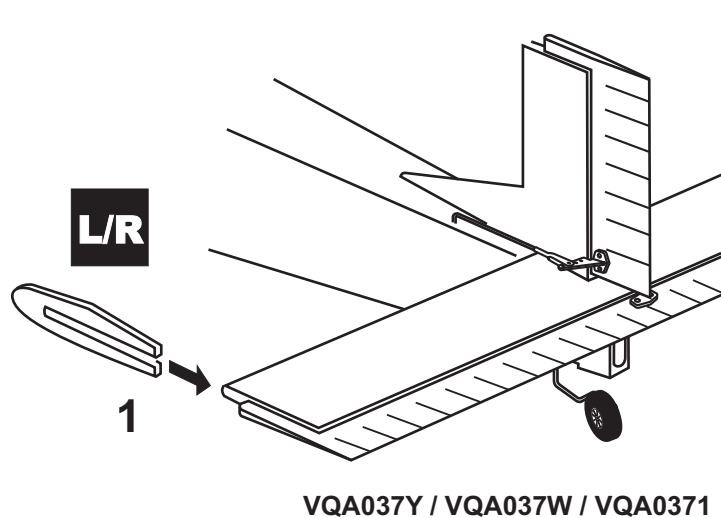
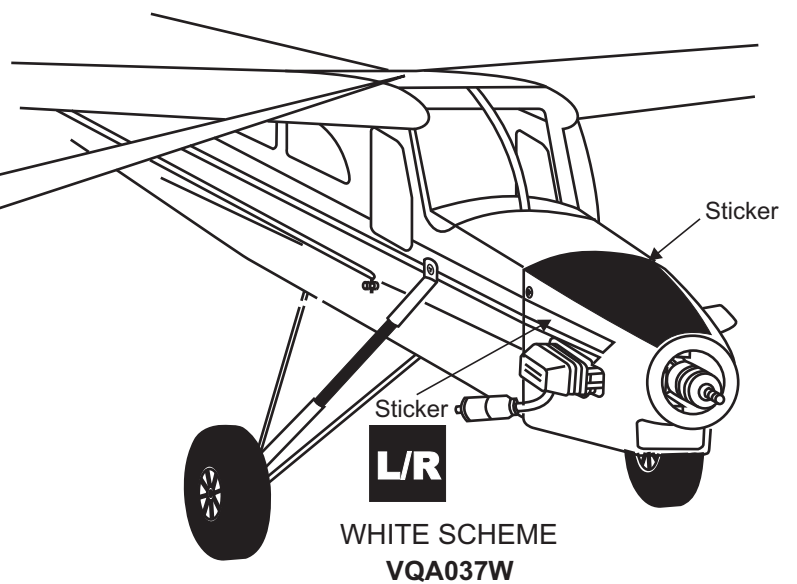
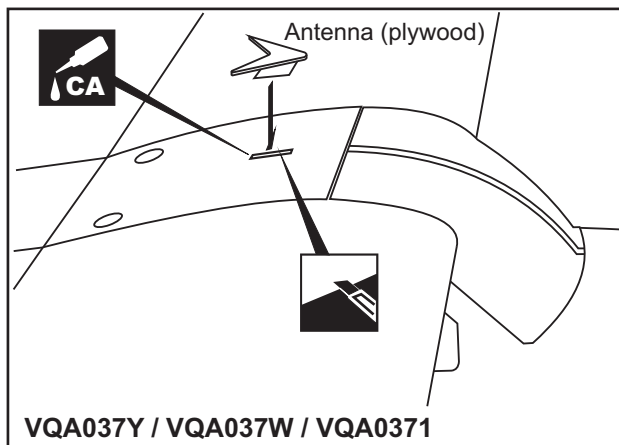
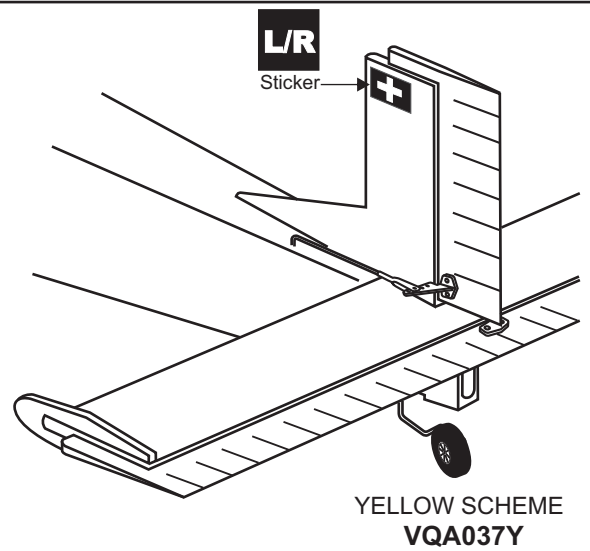
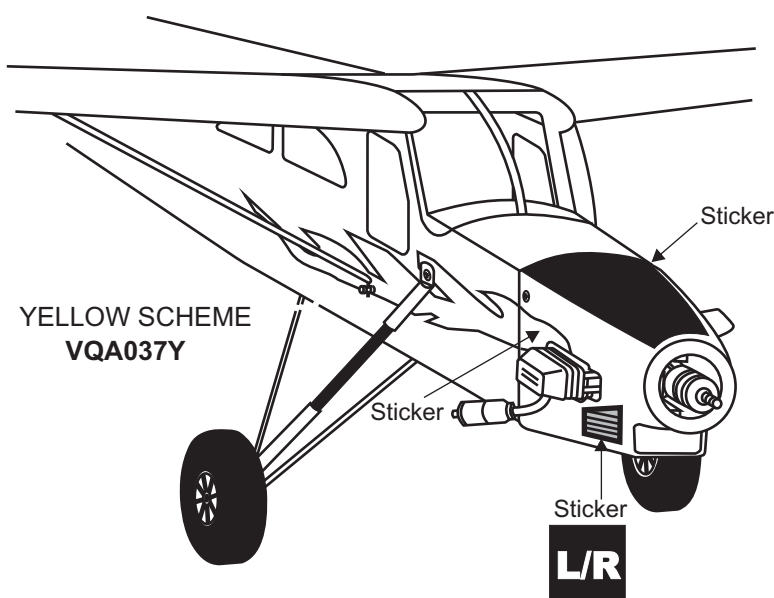
22- Balance / Schwerpunkt



Do not try to fly an out-of balance model!

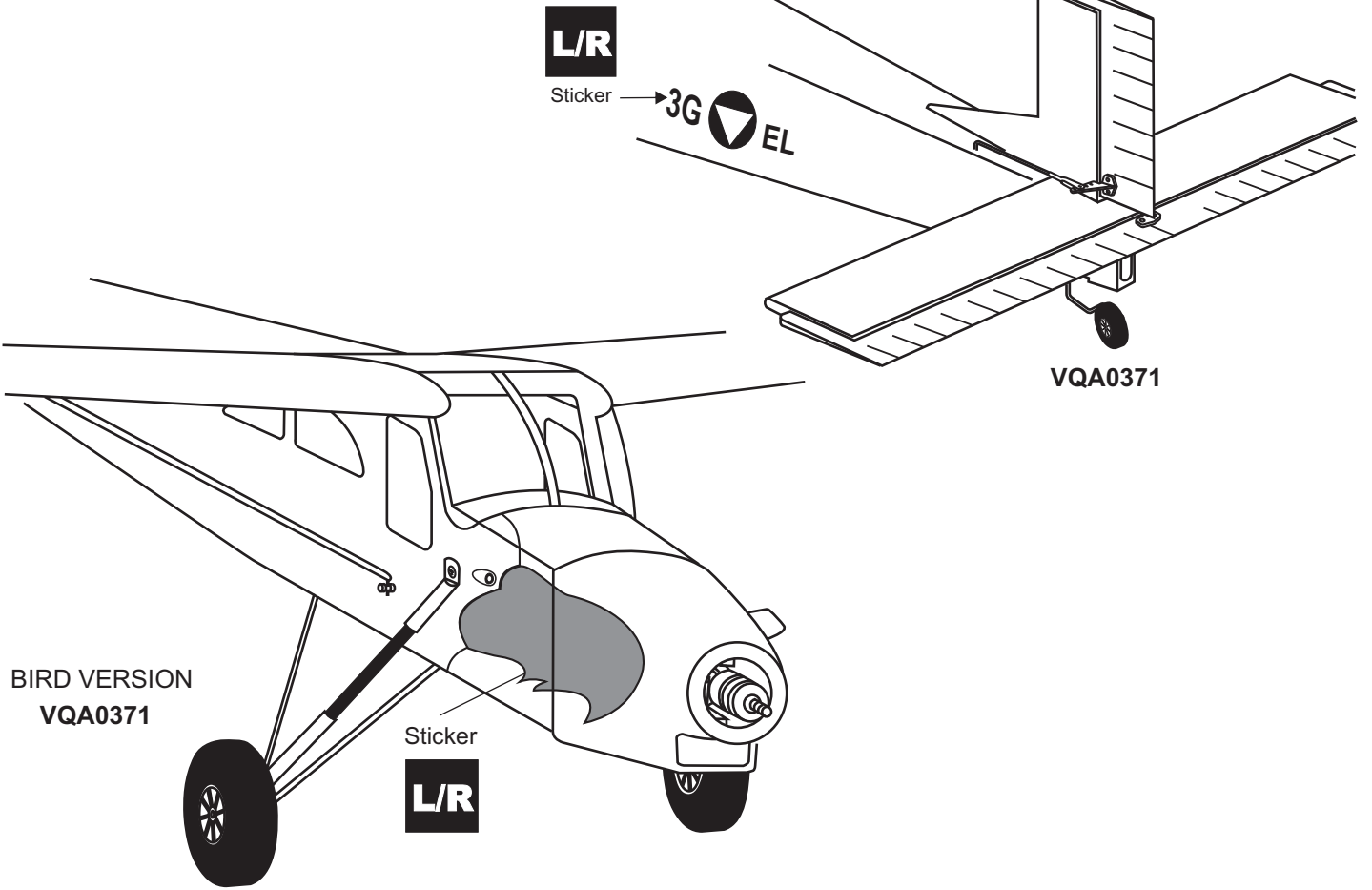
Überprüfen Sie vor dem Flug den Schwerpunkt.

23- Decoration / Aufkleber

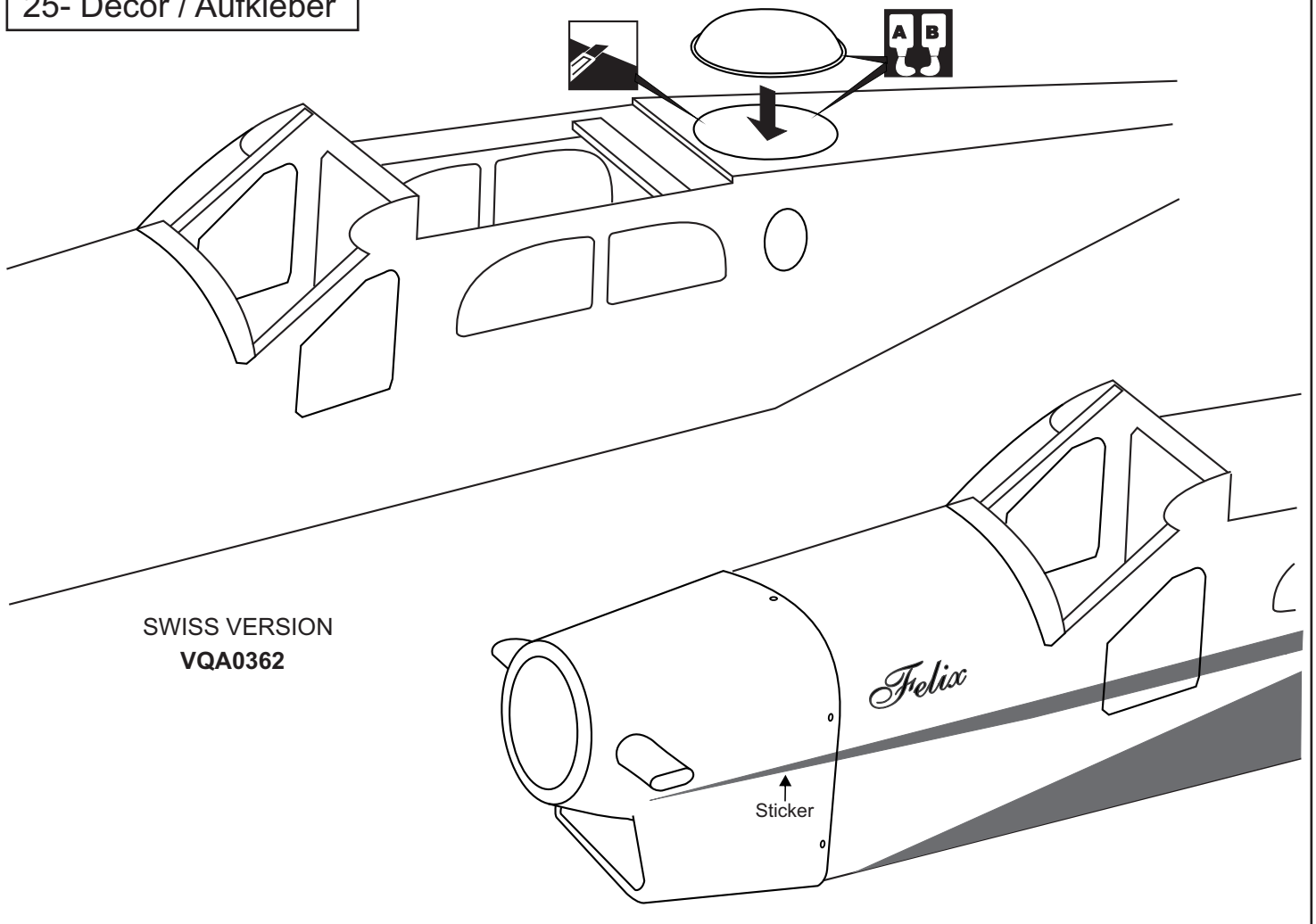


Note: Cut out the stickers and apply them in the proper area. Do not peel the backing paper off all at once. Peel off one corner of the backing and cut off with scissors. Arrange sticker on model and when satisfied adhere the corner without backing. Carefully peel back the rest of the backing while at the same time adhering the rest of the sticker. Try not to make air bubbles, if there are some, carefully puncture sticker (center of bubble) but not model surface with the tip of the knife or sharp pin and squeeze out the air. At curves stretch sticker and apply a little heat so that no creases occur. Cut off the excess that is produced.

24- Decor / Aufkleber



25- Decor / Aufkleber



WARNING

Joining the wing / Fläche

WARNING: Securely glue together, if coming of during flights, you lose control of your plane which lead to accidents.

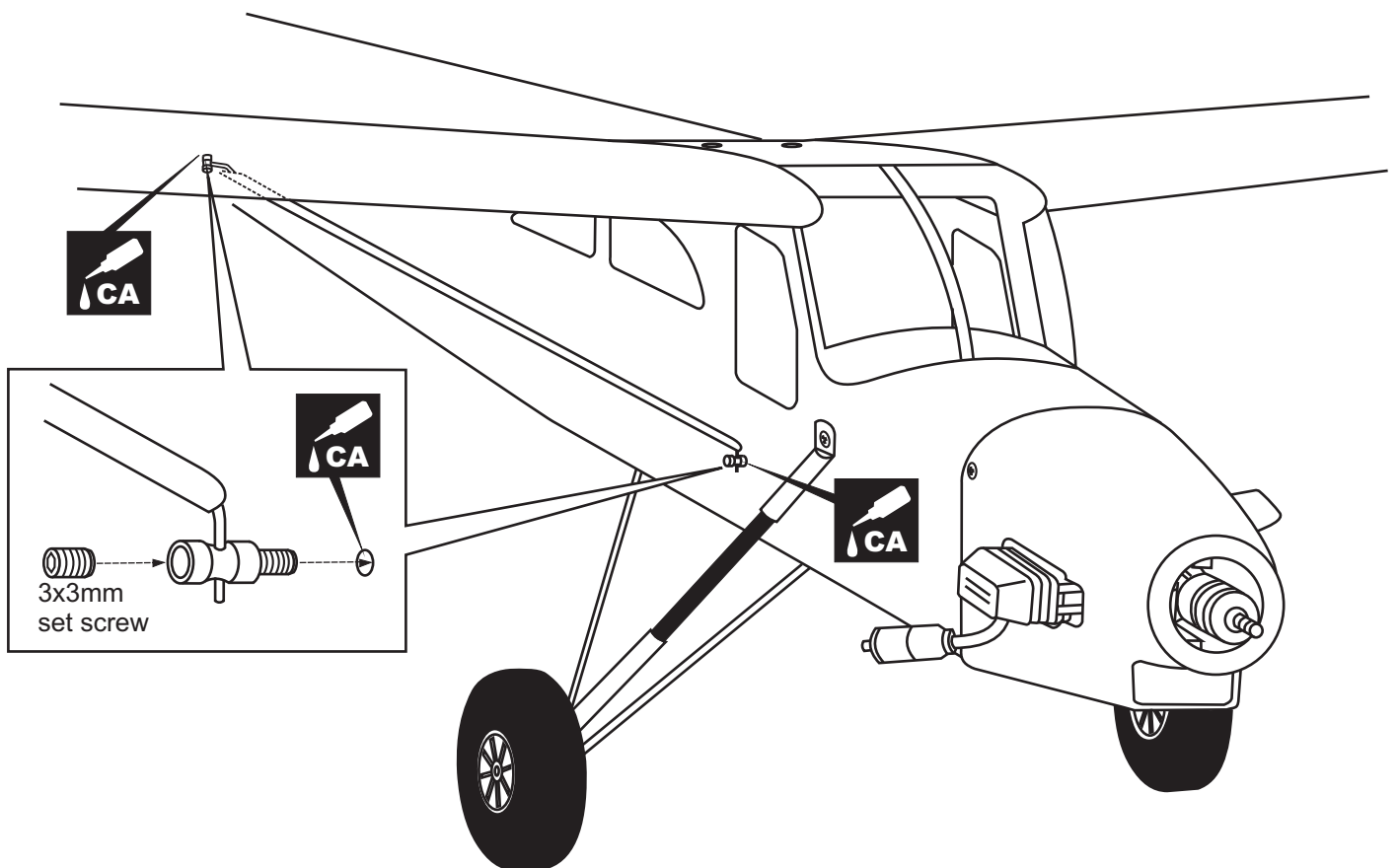
Führen Sie die Verklebungen mit großer Sorgfalt aus.

Cut away only the cover before glue the wing together (Step 4)

Cut away only the cover before glue the wing together (Step 4)

WARNING

Wing brace



WARNING: Never fly your model without wing brace installed because the wing of your model may be break when you fly with high speed or a strong wind.

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.

BEFORE FLYING CHECK EVERYTHING

Before each flight, inspect the airplane for any loose parts. Check the hinges, make sure the pushrods are still firmly attached, and check the engine mounting bolts. In general, check everything on the plane that might possibly come loose.

CHECK THE FREQUENCY BEFORE FLYING

DO NOT FLY NEAR A POWER LINE

The power lines cause radio interference, so avoid flying near them.

SAFETY NOTES AND WARNINGS RELATING TO MODEL AIRCRAFT POWERED BY GLOWPLUG ENGINE

Ensure the airfield is spacious enough.

Fully extend the transmitter and receiver antenna.

Always take off and landing your airplane into the wind.

Switch off the transmitter and receiver after landing.

Adjust the engine always from behind, but never from in front or the sides as rotating propeller may badly injure you!

Do not allow watching people to get too close to a rotating propeller.

Ensure the spinner and propeller are securely attached. Immediately disuse defective propeller as well as deformed spinners.

Be sure to keep an adequate supply of fuel in the tank. Don't continue to fly the model until the tank is drained dry.

Never fly directly over people or fly directly towards people.

This model is highly pre-fabricated and can be built in a very short time. However, the work which you have to carry out is important and must be done carefully. The model will only be strong and fly well if you complete your tasks competently - so please work slowly and accurately.

WARNING !

Do not put in a larger-than recommended engine. A bigger engine does not necessarily mean better performance.

All details are subject to change without notice !

Technische Änderungen und Irrtümer vorbehalten !