

INSTRUCTION MANUAL MONTAGEANLEITUNG

Radio control model / R/C Flugmodell

PILATUS PORTER PC-6



NEXA

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

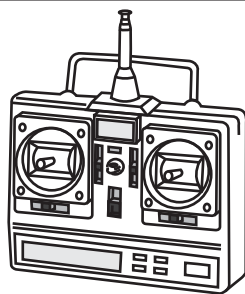
SPECIFICATIONS

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.

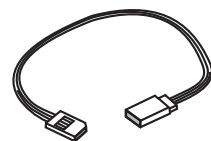
REQUIRED FOR OPERATION (Purchase separately) BENÖTIGTE KOMPONENTEN (Nicht im Lieferumfang enthalten)



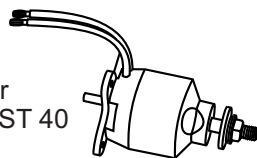
Minimum 5 channel radio
for airplane
Minimum 5 Kanal
Fernsteuerung



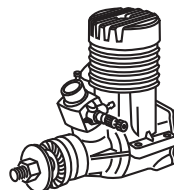
Propeller 11x8 for electric motor / 11x6 for glow engine
Luftschaube 11x8 für Elektromotor / 11x6 für Verbrennungsmotor



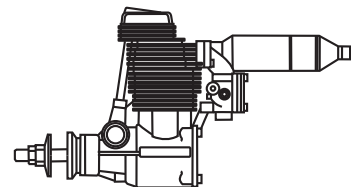
Extension cord
Servoverlängerungskabel



Brushless Motor
PICHLER BOOST 40
Brushless ESC
Brushless Regler



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



.52 cu.in (8.5cc)



Cyanoacrylate Glue
Sekundenkleber

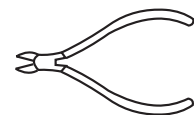
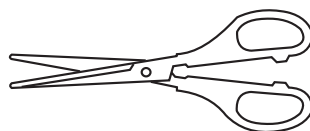
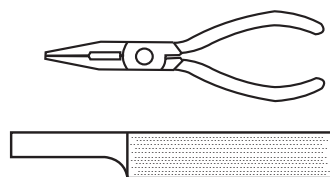


Silicon Glue
Silikonkleber



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 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 zusammgebaut

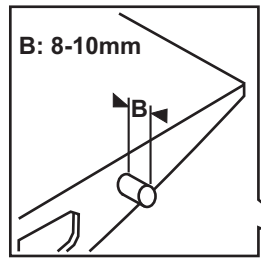
 Nicht enthalten. Teile müssen separat gekauft werden.

CONVERSION TABLE

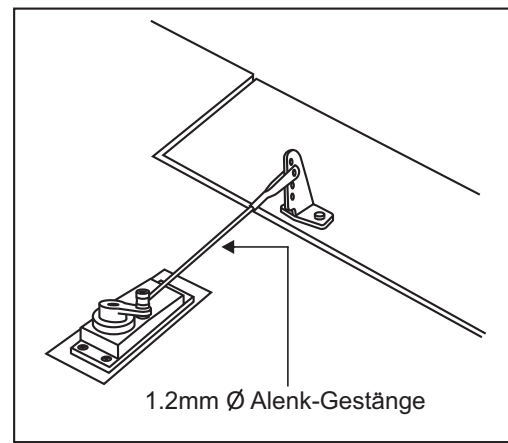
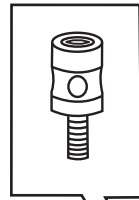
1.0mm = 3/64"	3.0mm = 1/8"	10mm = 13/32"	25mm = 1"
1.5mm = 1/16"	4.0mm = 5/32"	12mm = 15/32"	30mm = 1-3/16"
2.0mm = 5/64"	5.0mm = 13/64"	15mm = 19/32"	45mm = 1-51/64"
2.5mm = 3/32"	6.0mm = 15/64"	20mm = 51/64"	

1

Note: The hole for the Linkage stopper installation is pre-drilled at factory

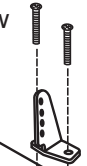


Gestängeanschluss



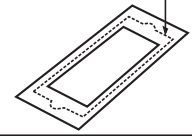
6mm wooden dowel

2x20mm screw



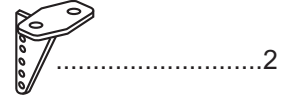
2mm

Cut here for standard servo

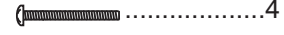


6mm wooden dowel x4

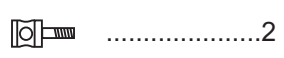
Plastic control horn



2x20mm screw



Linkage Stopper set

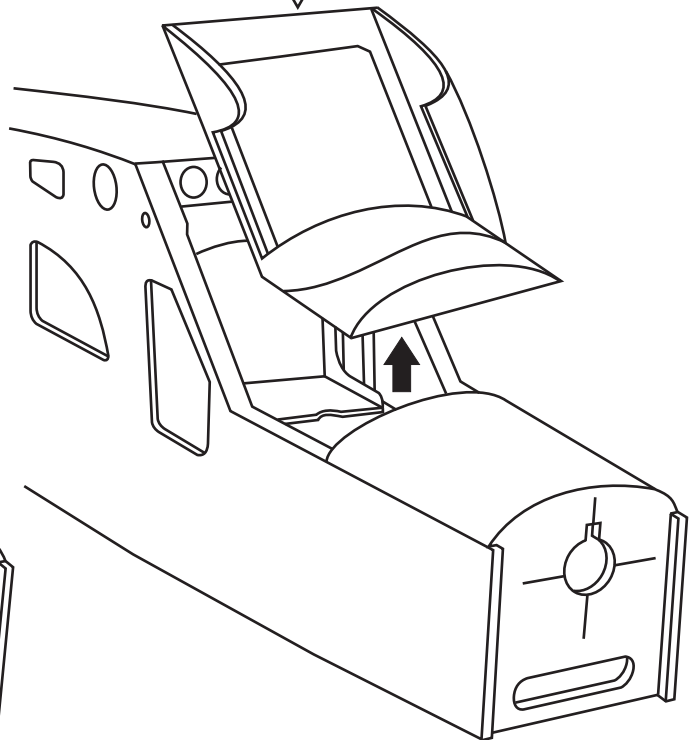
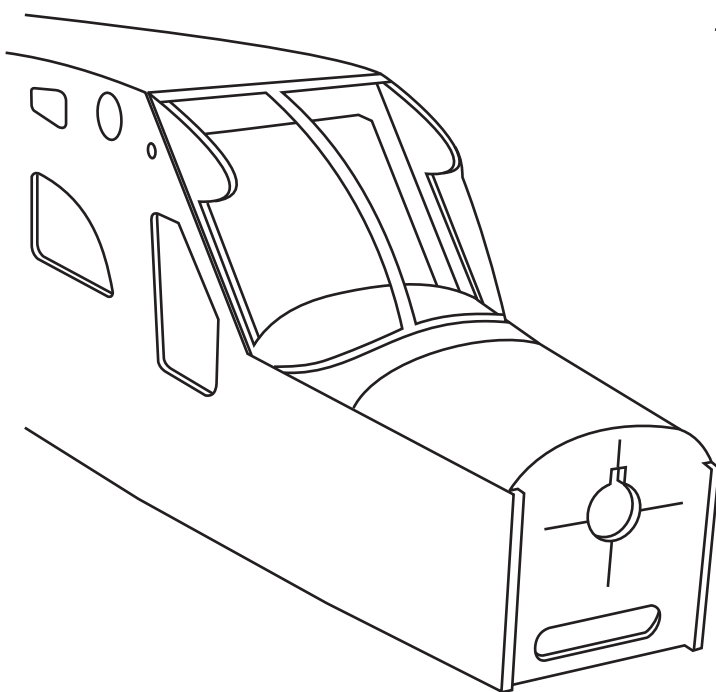


L/R

BOTTOM - VIEW / Unteransicht








2

Magnetic hatch

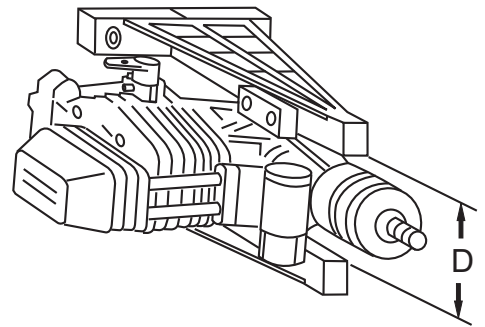
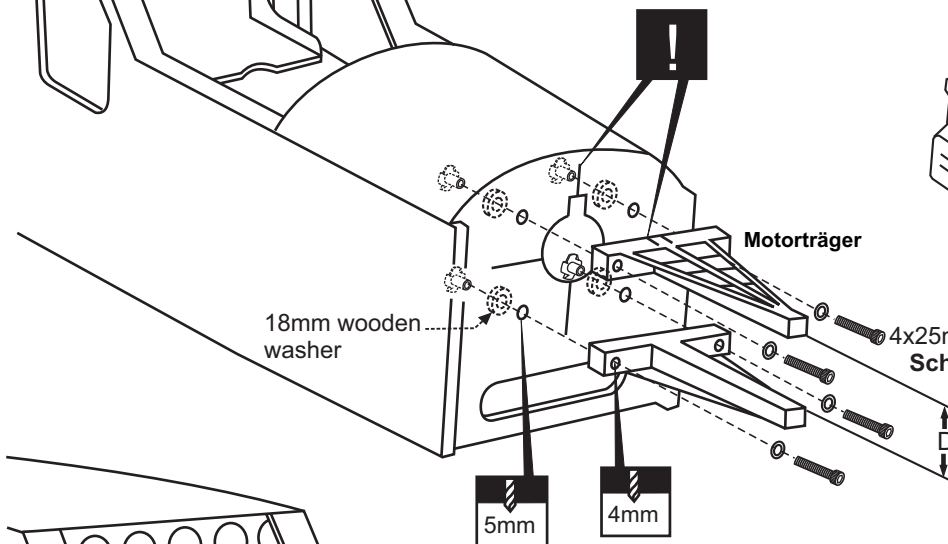


3

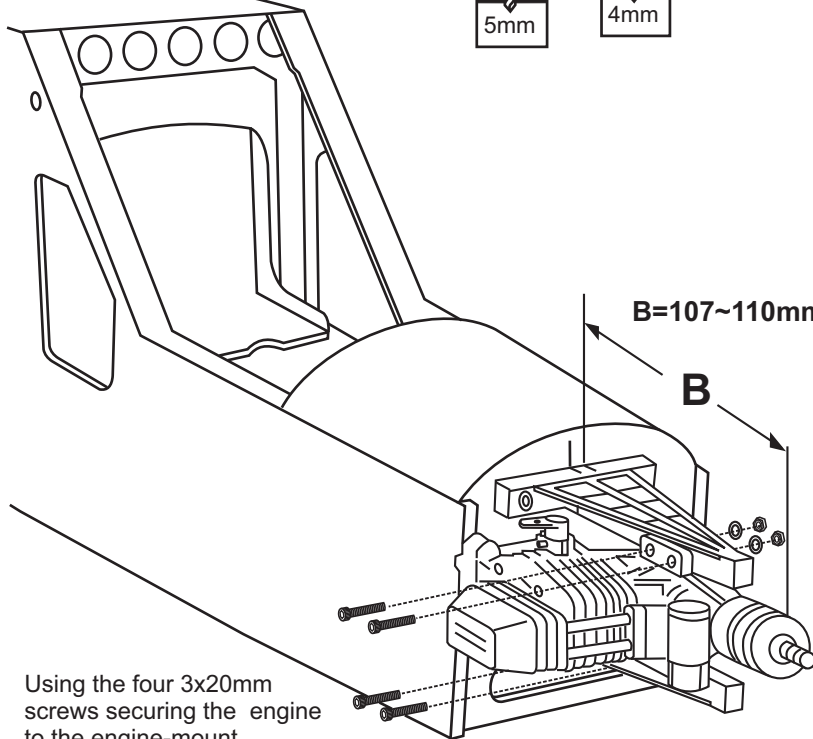
Note: The Pilot seater can move for the engine-mount and servos installation is easily.

3x20mm screw 4	4x25mm screw 4
3mm nut 4	Blind-nut 4
3mm washer 4	4mm washer 4
4	

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



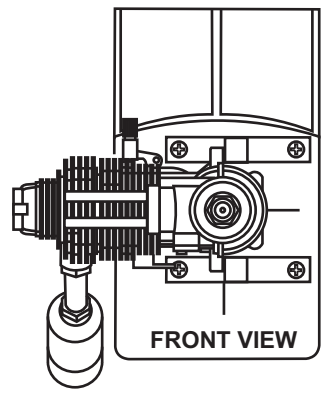
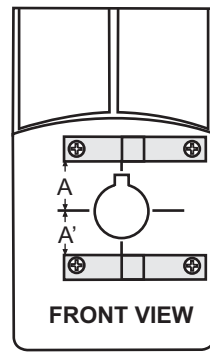
In case of 4T engine



Using the four 3x20mm screws securing the engine to the engine-mount

FRONT VIEW

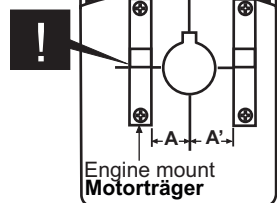
Align the engine center with fire-wall marked line (A=A')



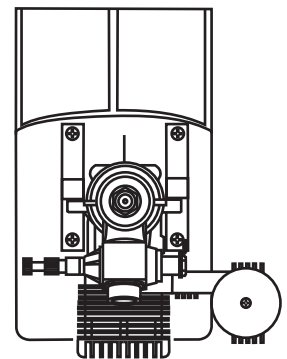
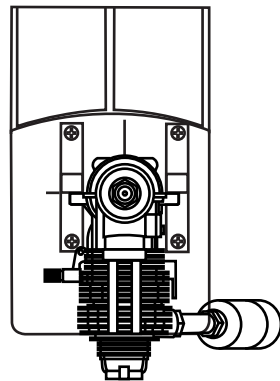
In case of 4T engine
Viertaktmotoren

In case of 2T engine
Zweitaktmotoren

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



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

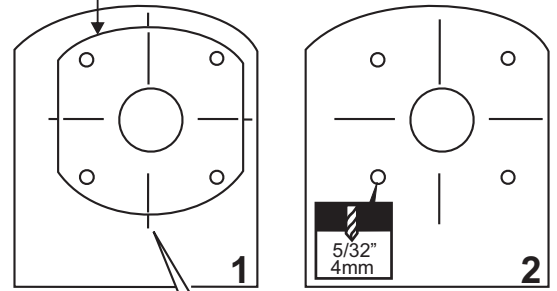


4

- Using a plywood motor mounting plate as a template, mark the fire wall where the four holes are to be drilled (1).
- Remove the plywood motor mounting plate and drill a 13/64"(5mm) hole through the fire-wall at each of the four marks marked (2).
- Using an aluminum motor mounting plate as a template, mark the plywood motor mounting plate where the four holes are to be drilled (3).
- Remove the aluminum motor mounting plate and drill a 1/8"(3mm) hole through the plywood at each of the four marks marked (4).

Plywood motor mounting plate
Sperrholztrager Platten

FRONT-VIEW
Vorderansicht



**Sperrholztrager Platten zusammenkleben, wie gezeigt ausrichten und Locher bohren.
Motor nach untenstehendem Schema einbauen.
Für optimale Leistung empfehlen wir folgende Komponenten:**

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

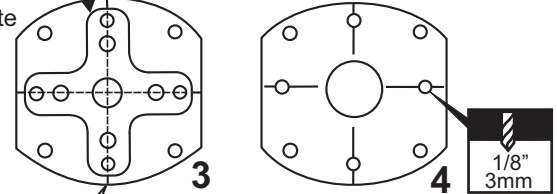
For maximum performance, we recommended the following:

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

Montagekreuz aus Alu (nicht enthalten)

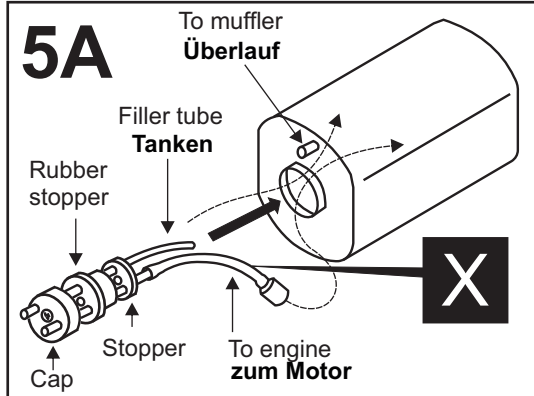
Aluminum motor mounting plate

! Align with the marks
An den Markierungen ausrichten

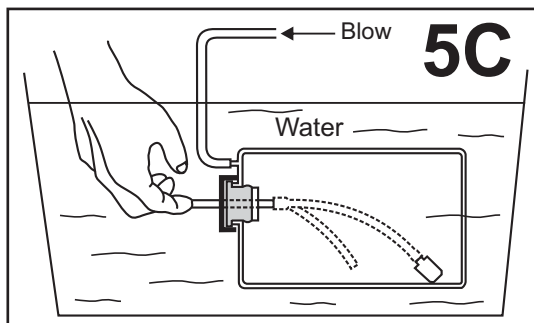
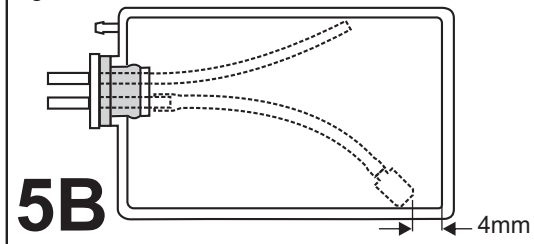


! Align with the marks
An den Markierungen ausrichten

5

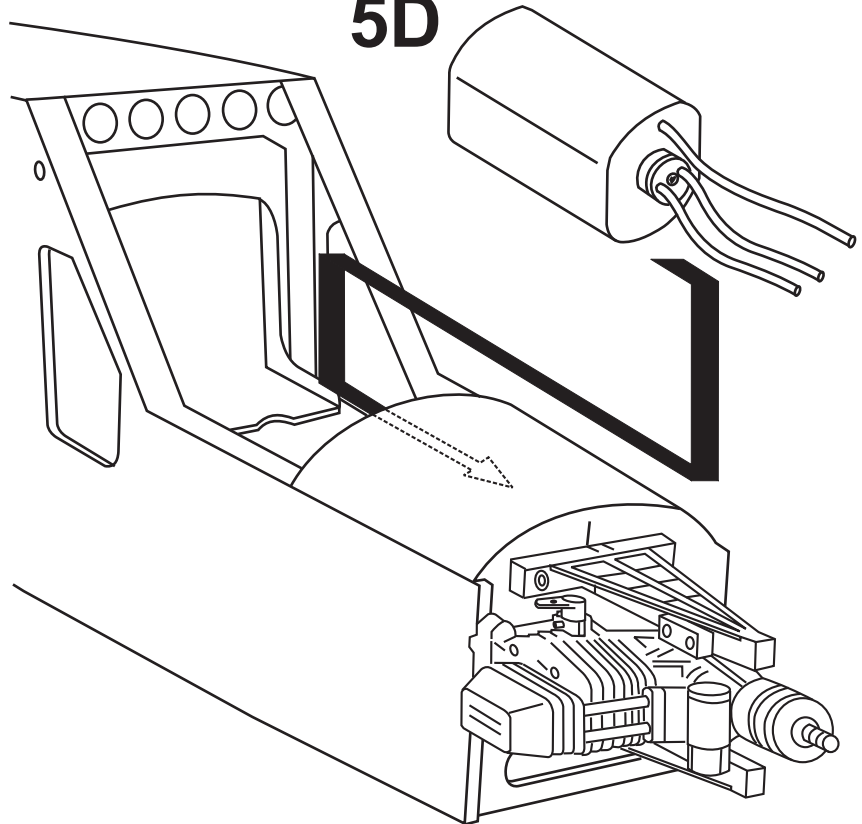


After confirming the direction . Insert and tighten the screw.



Checking for leaks - block the vents and blow into the feed if in doubt submersing the tank in a blow of water will show up any problems.

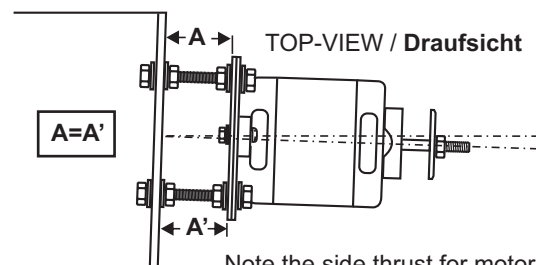
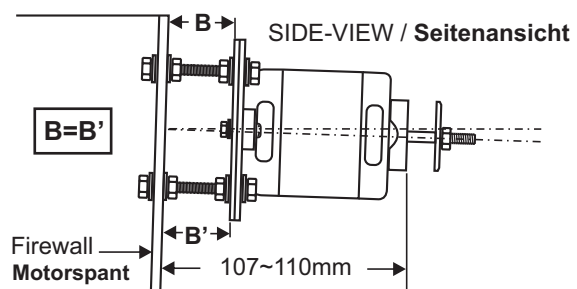
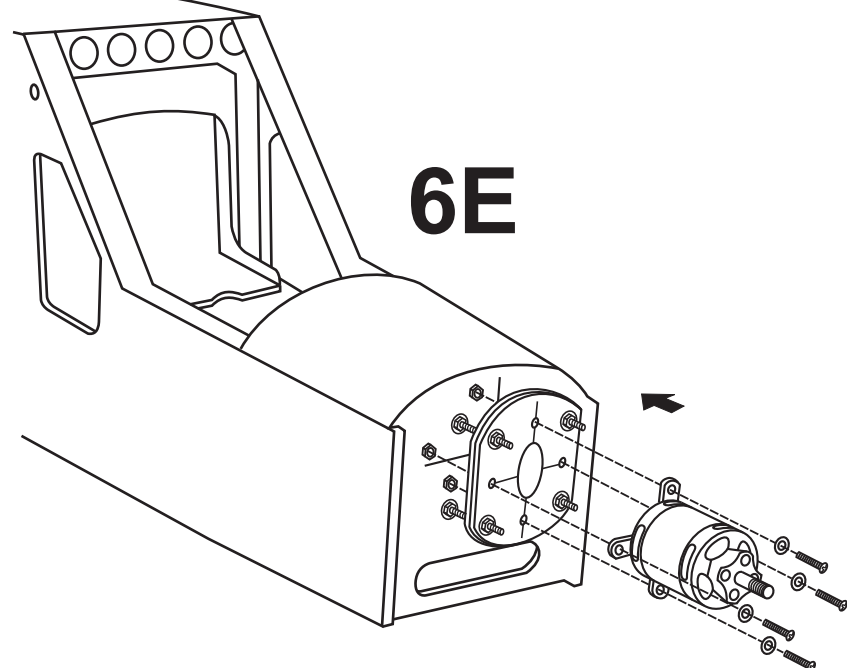
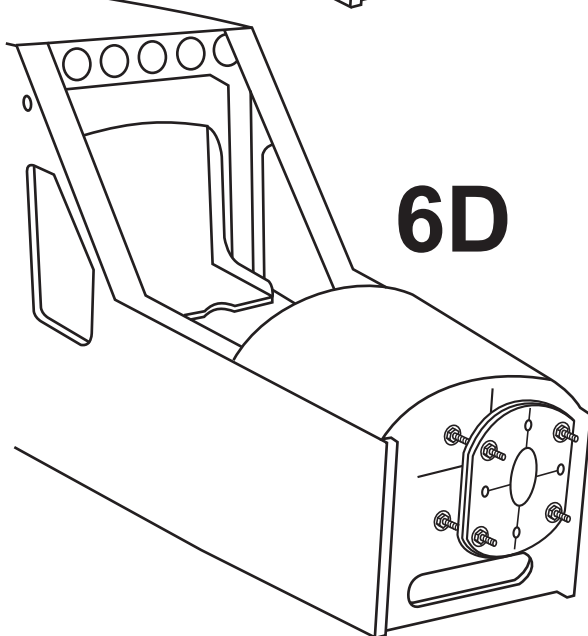
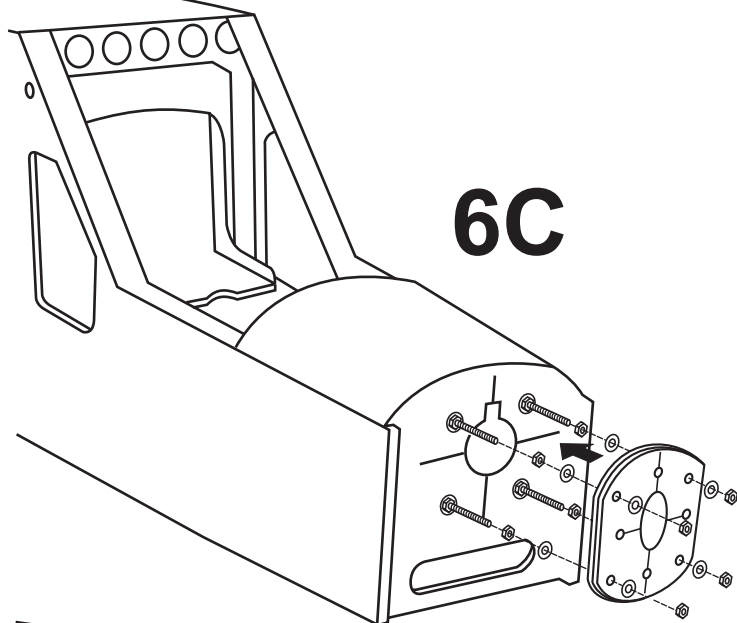
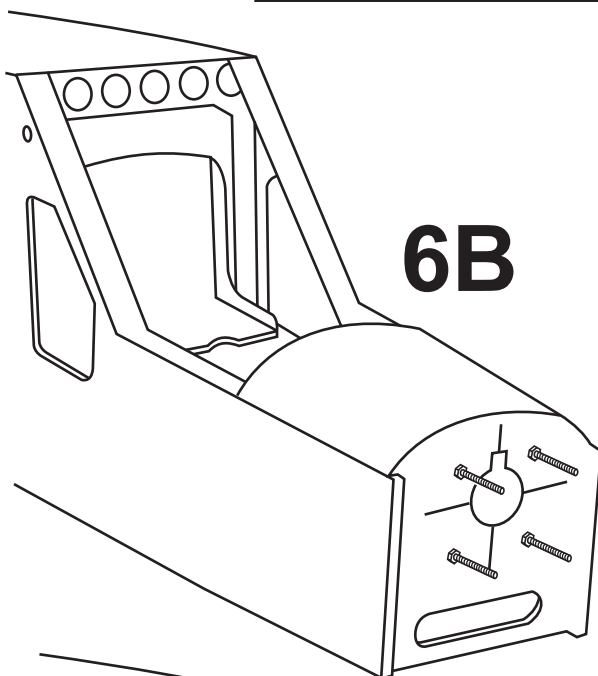
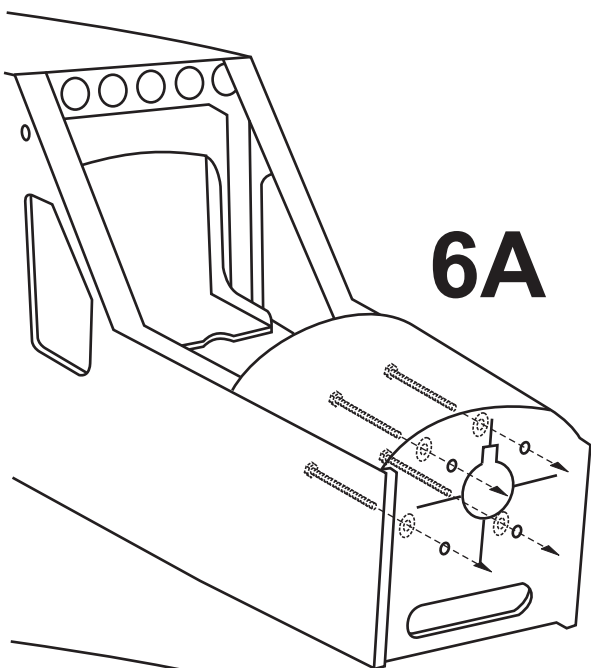
5D



Carefully install the fuel tank to ensure that they will not shift during flight (secure the fuel tank in place using foam padding).

6


⌘ X4 ⊙ X16
⊙ X12 ⌘ X4

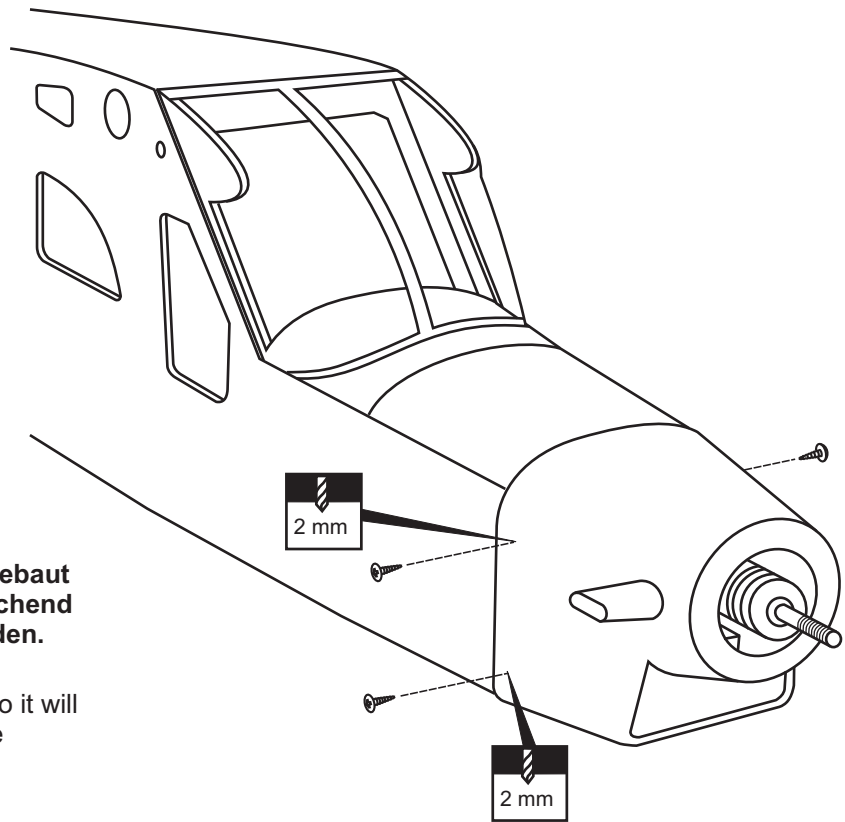


Note the side thrust for motor!
Sturz und Zug beachten!

7

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

8

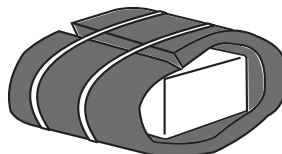
Linkage Stopper set
Gestängenschluss

3

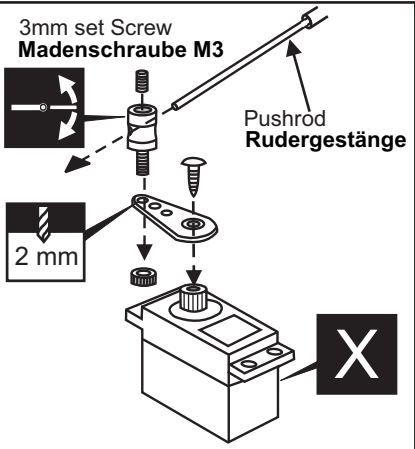
3mm set screw
Madenschraube M3

3

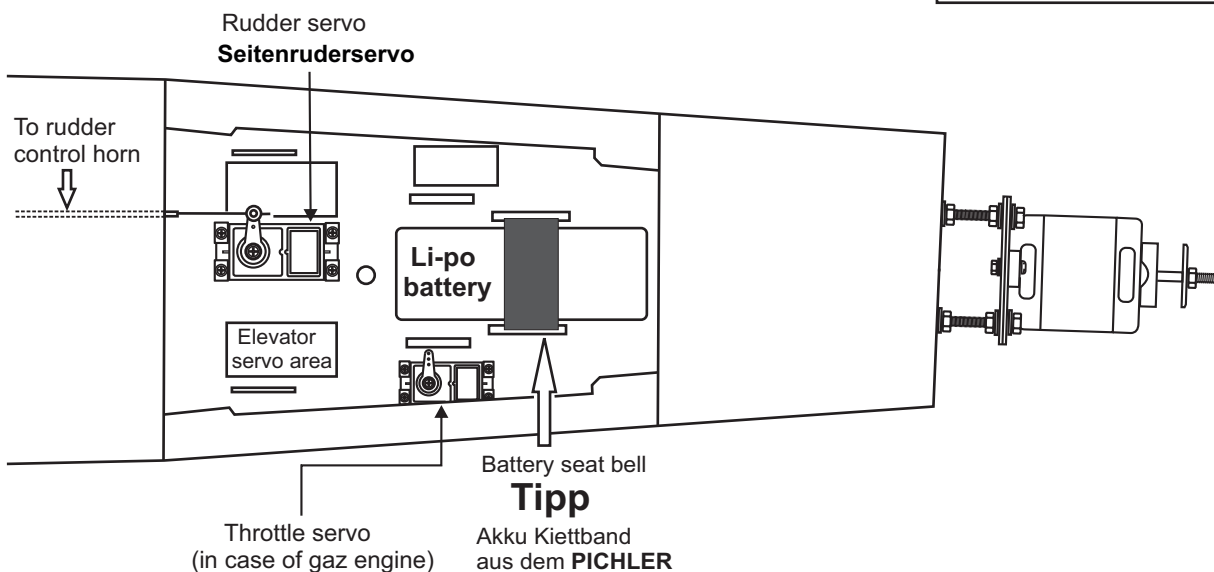
Receiver and battery
**Akku & Empfänger
in Schaum lagern**



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

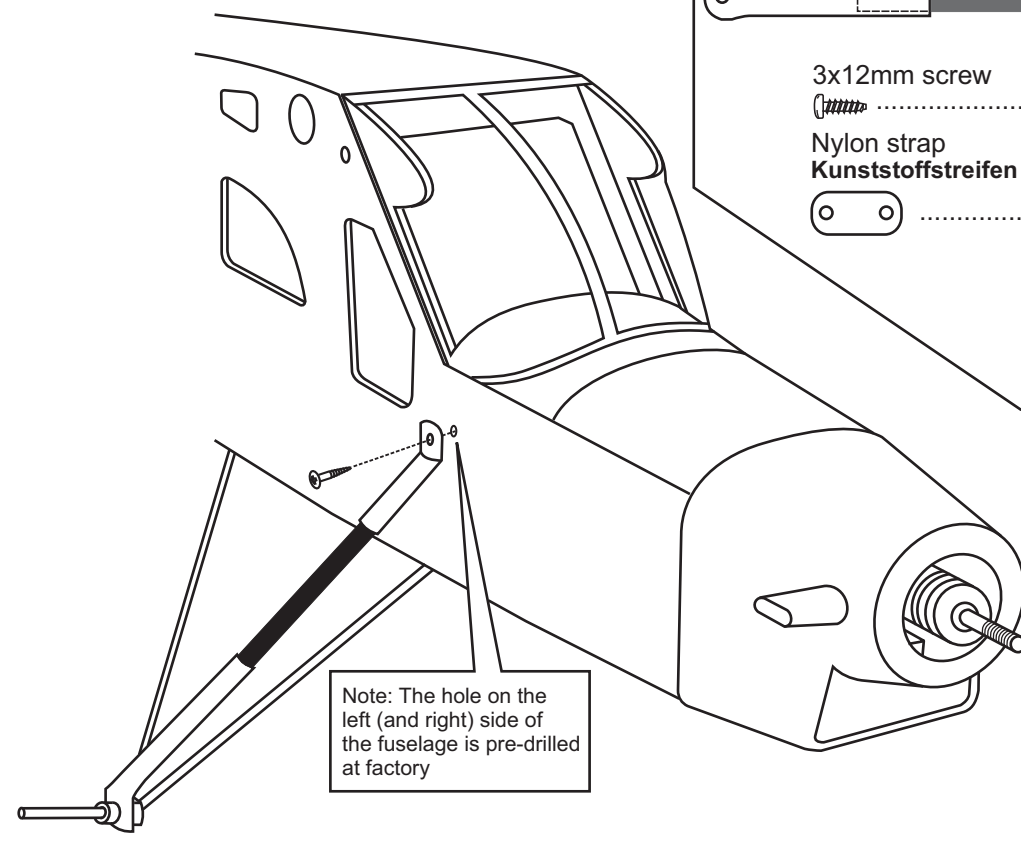
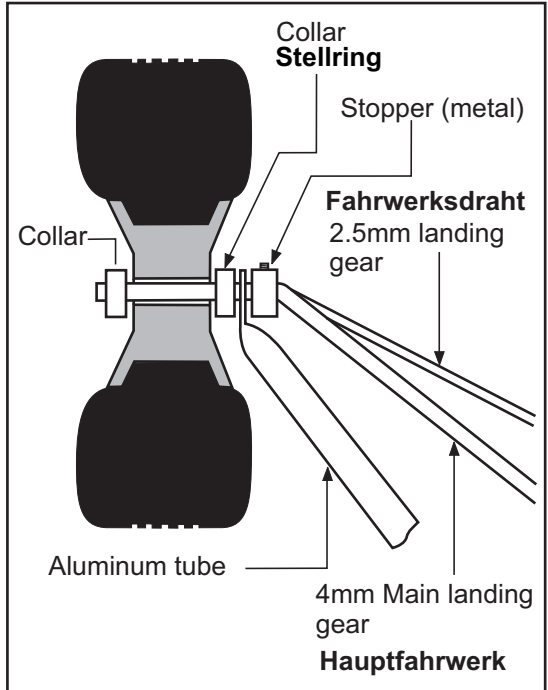
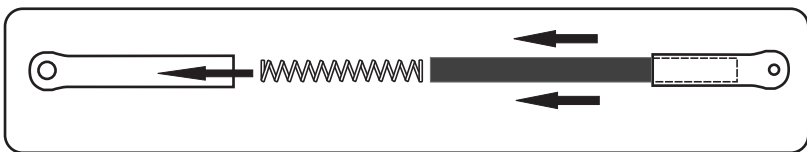
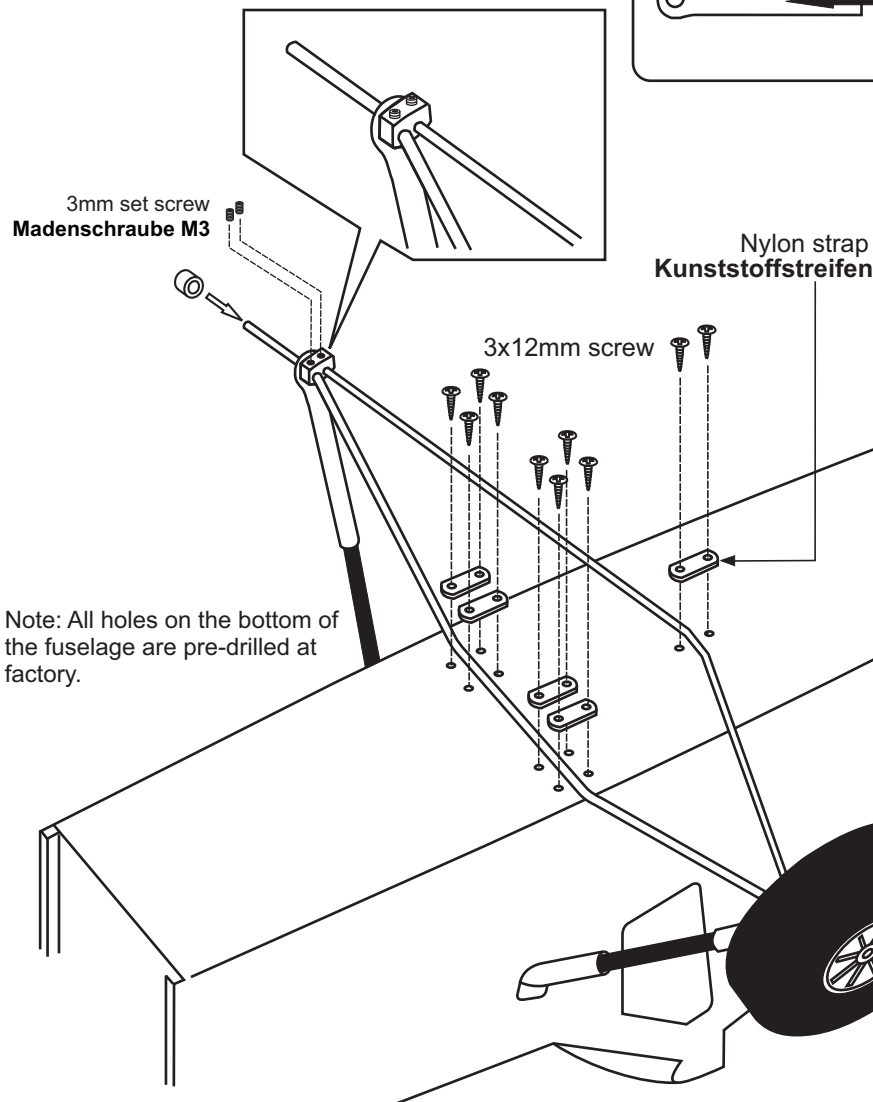


FUSELAGE - TOP VIEW / UNTERANSICHT



Tipp

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



	.....12		.....2
	.....5		.....4
	.....2		.....2

3x12mm screw12

Nylon strap **Kunststoffstreifen**5

Stopper (metal)2

4mm collar...4

Main landing gear (4mm)...2


Hauptfahrwerk

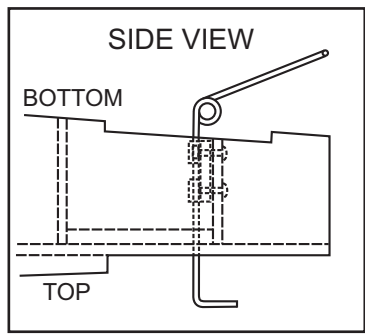
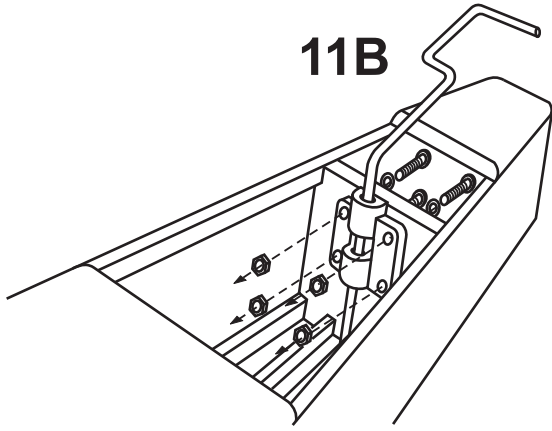
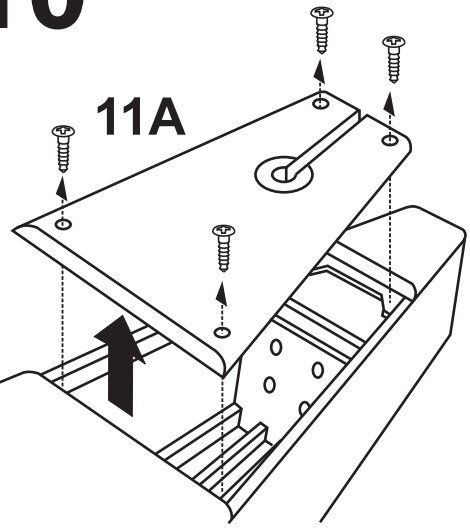
Landing gear (2.5mm).....2

Fahrwerksdraht

10

FUSELAGE - REAR - BOTTOM VIEW

3x15mm screw	.....4
	.....4



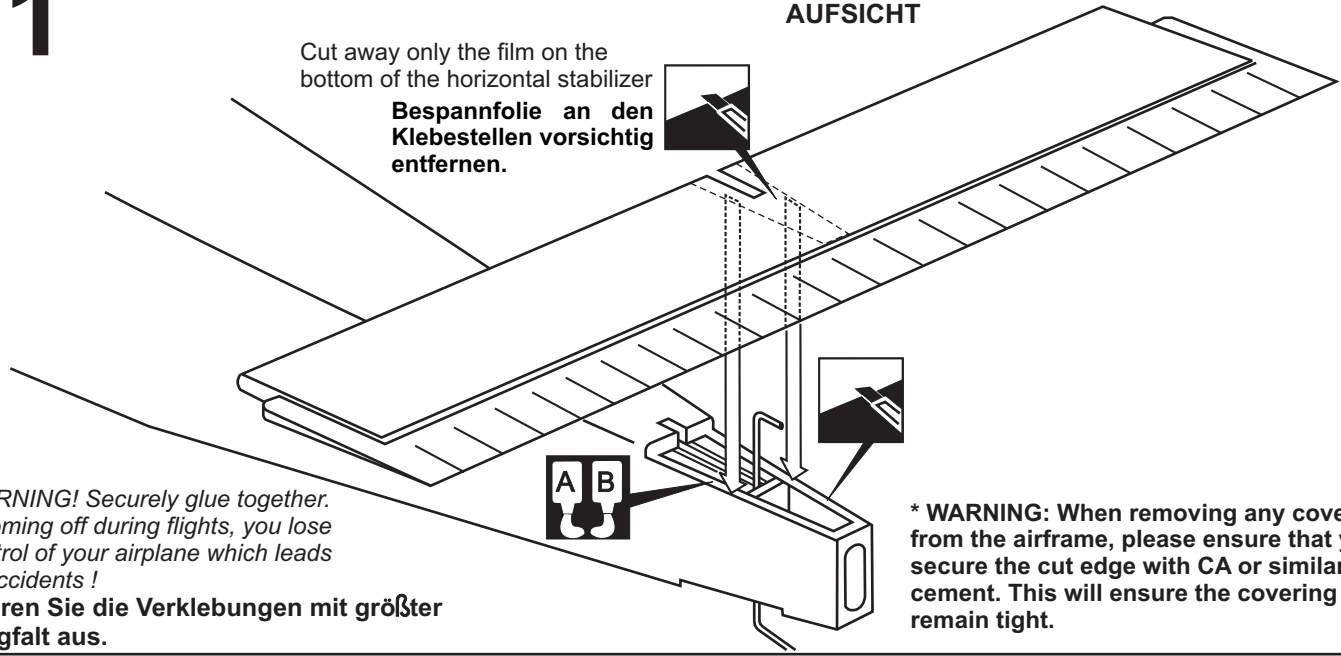
11

FUSELAGE - TOP-VIEW AUFSICHT

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.

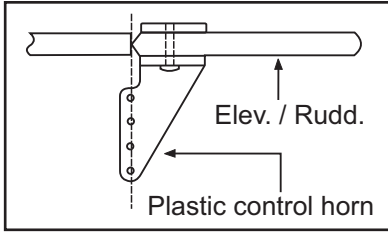
*** WARNING:** When removing any covering from the airframe, please ensure that you secure the cut edge with CA or similar cement. This will ensure the covering remain tight.



12

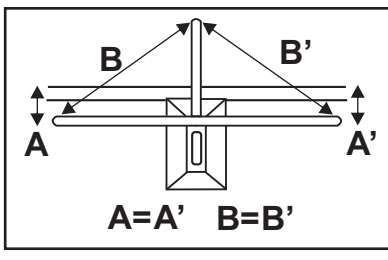
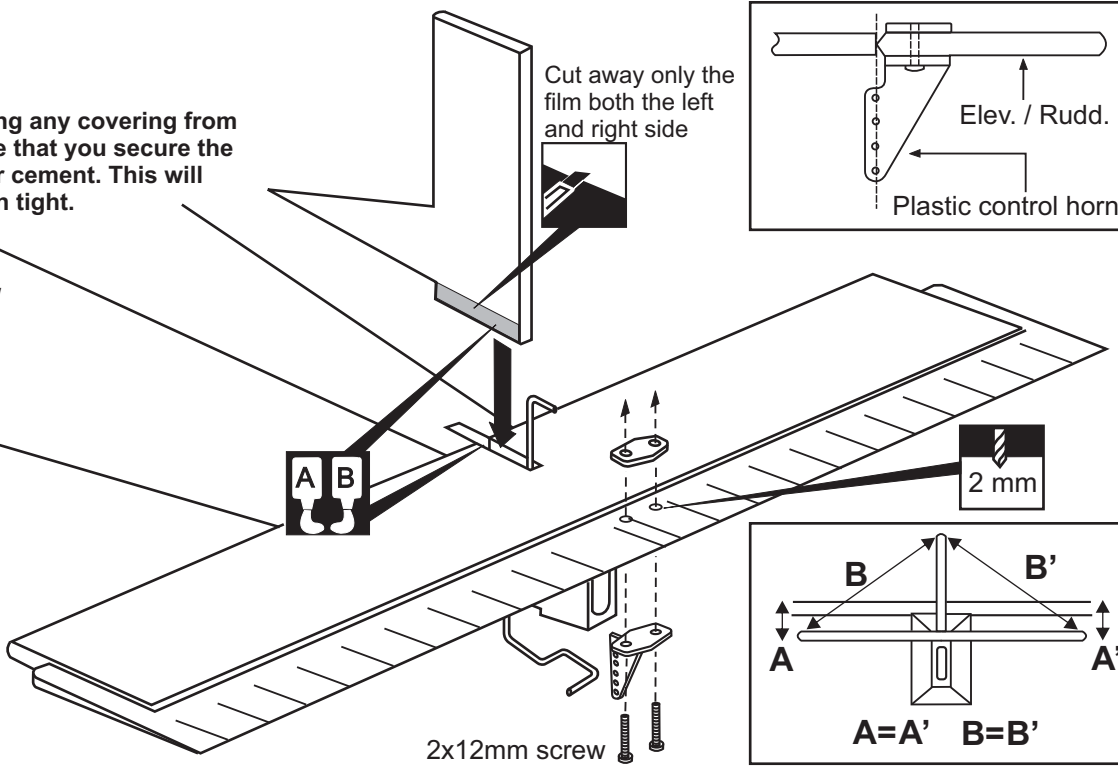
*** WARNING:** When removing any covering from the airframe, please ensure that you secure the cut edge with CA or similar cement. This will ensure the covering remain tight.

Cut away only the film both the left and right side





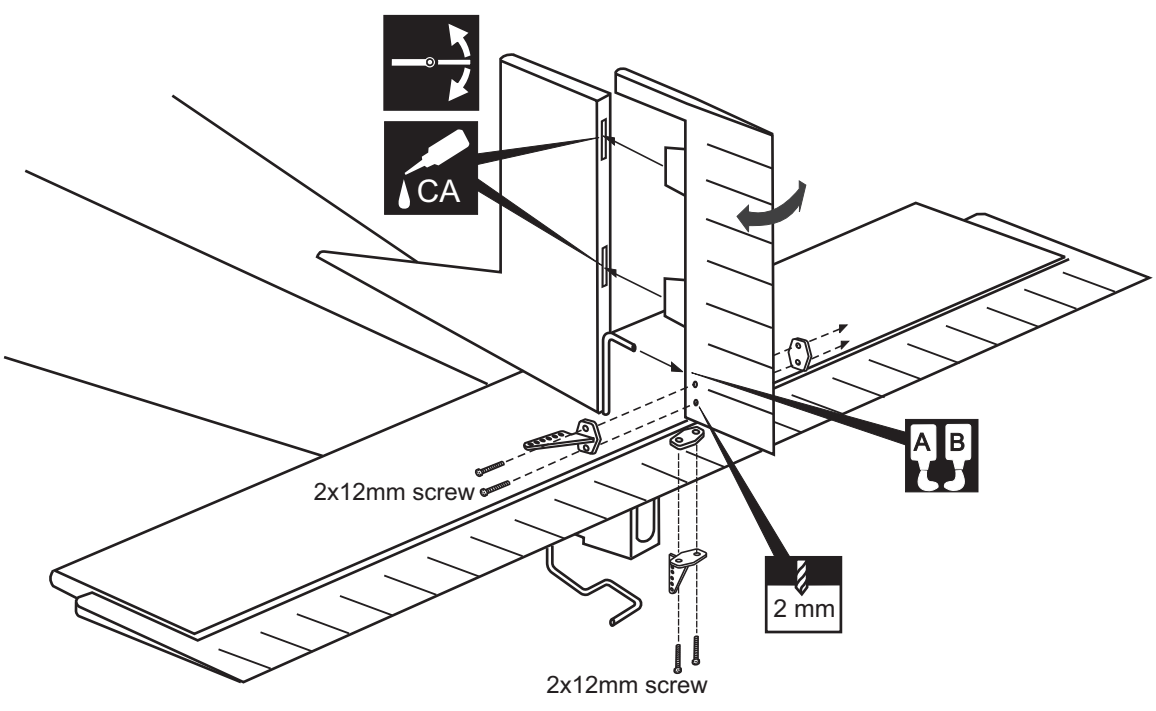
FUSELAGE - TOP-VIEW AUFSICHT

Plastic control horn and back plate	.....1
2x12mm screw	.....2



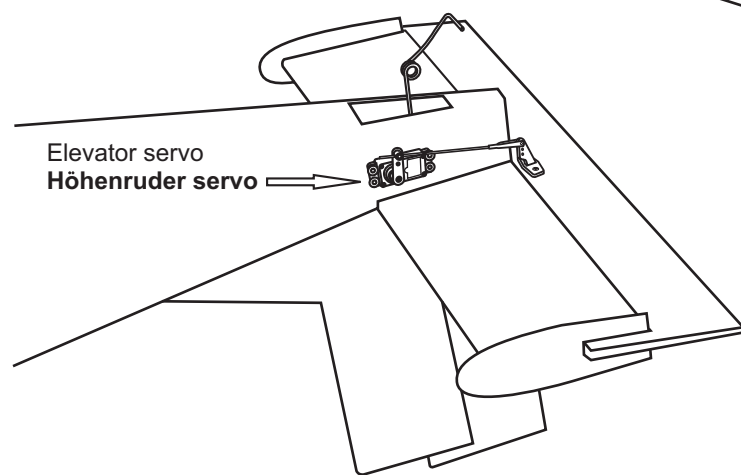
13

- Plastic control horn and back plate
2
- 2x12mm screw
4

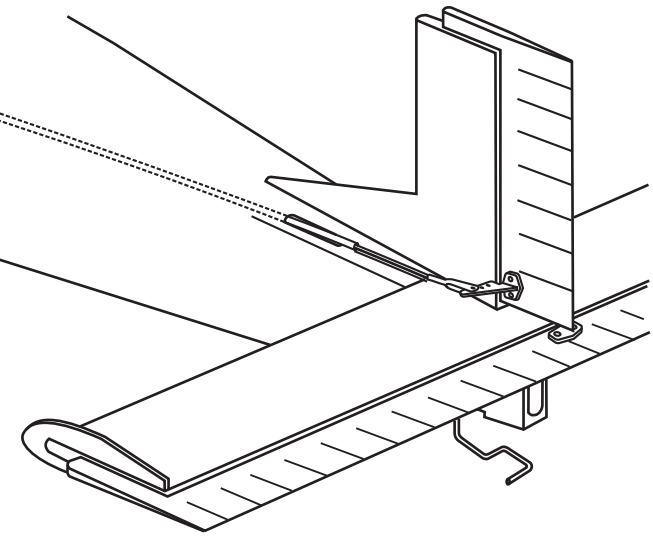


14

Rudder servo
 Seitenrunder servo



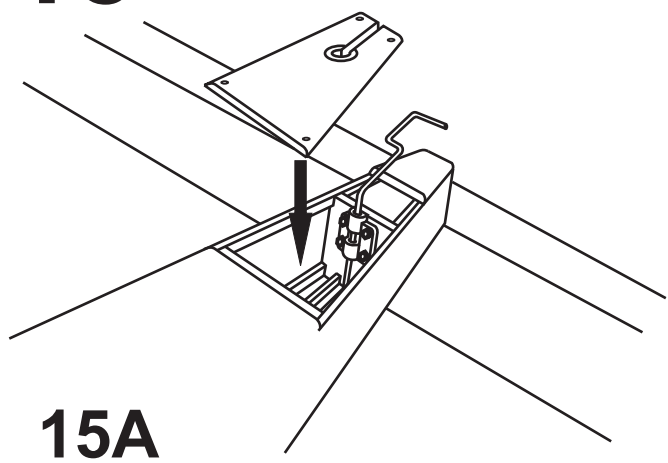
Elevator servo
 Höhenrunder servo



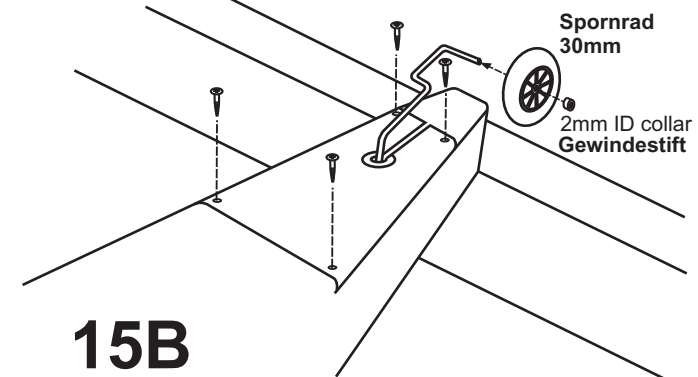
15

FUSELAGE - REAR - BOTTOM VIEW / UNTERSICHT

- 2x12mm screw / schraube
4
- Collar / Gewindestift
1

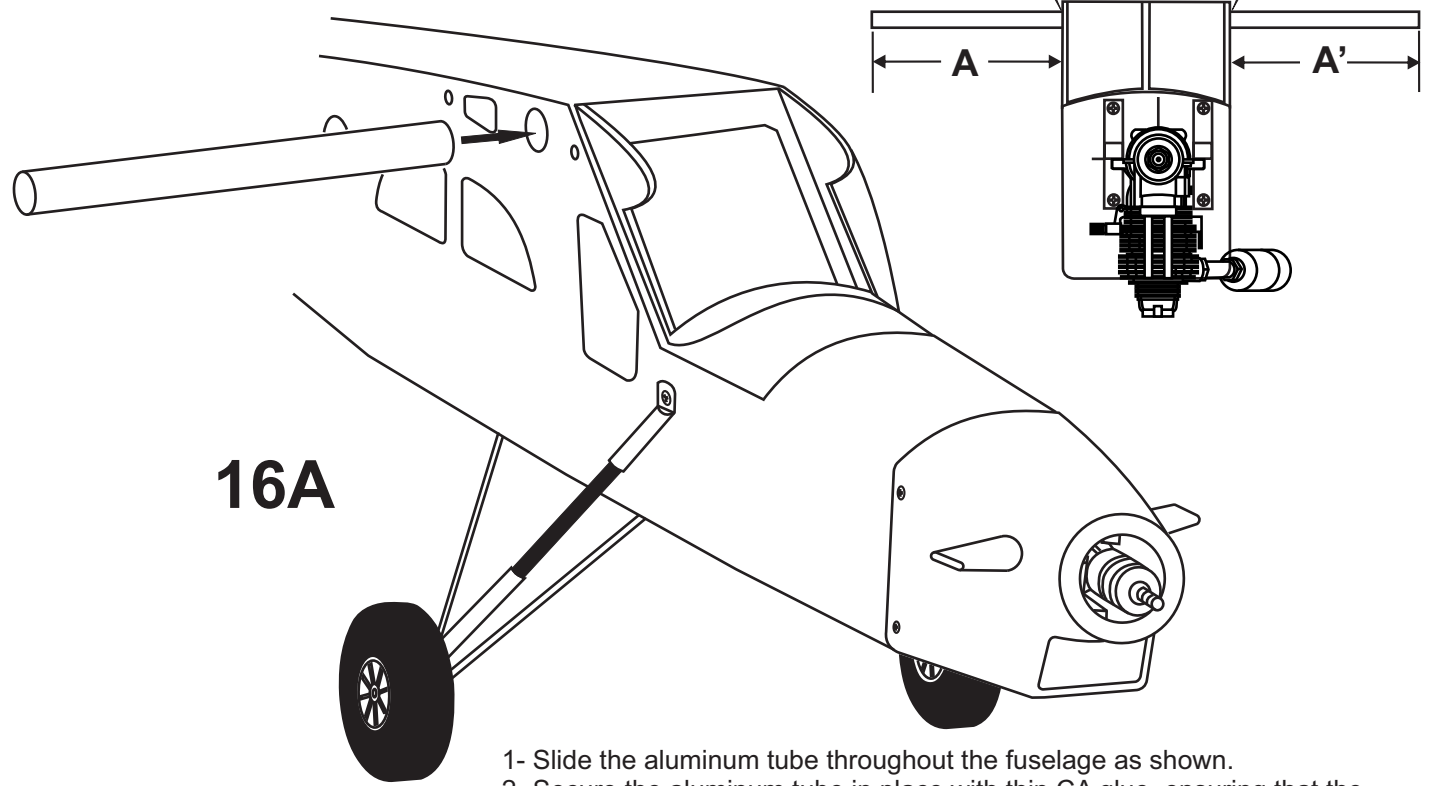


15A

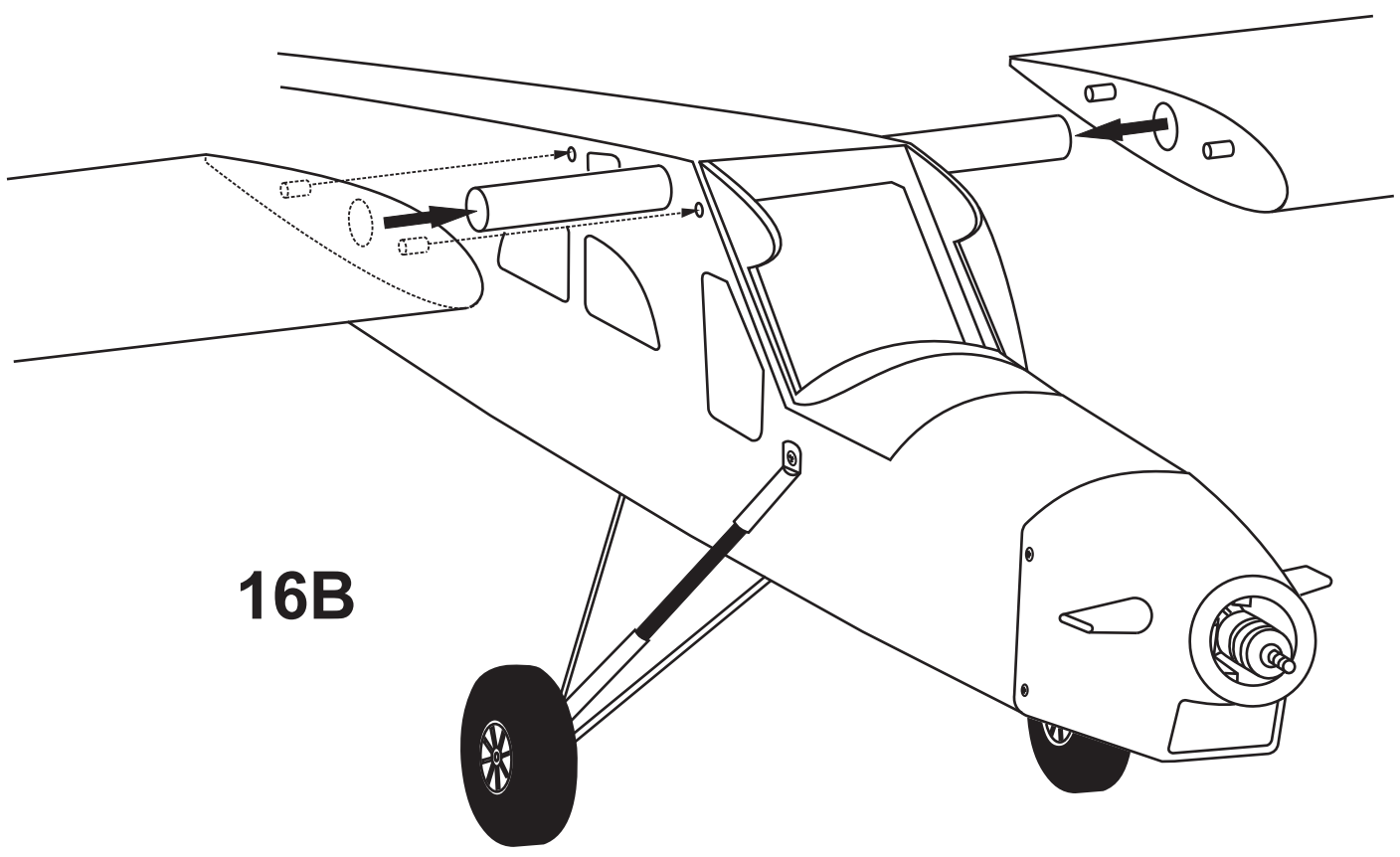


15B

16



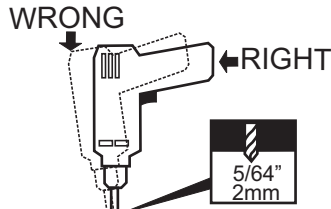
- 1- Slide the aluminum tube throughout the fuselage as shown.
- 2- Secure the aluminum tube in place with thin CA glue, ensuring that the aluminum tube is accurately aligned : $A=A'$ (very important)



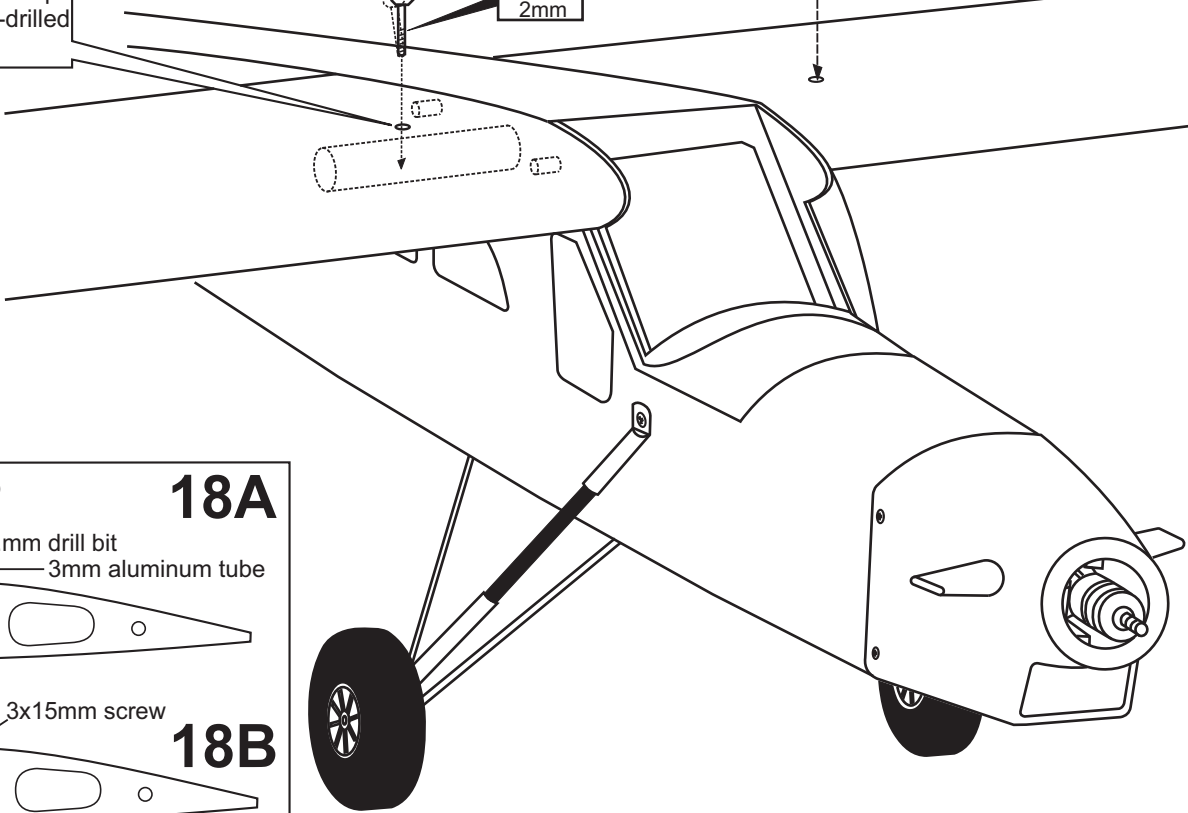
Carefully slide the wing halves to the fuselage, ensuring that they are accurately aligned, Firmly press the two halves together.

17

Note: all holes (2 holes) on the surface of the top of the wing are pre-drilled at factory.

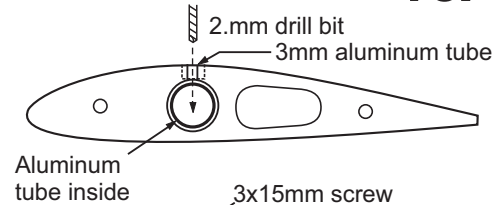


Secure the wing in place using 3x15mm screw.

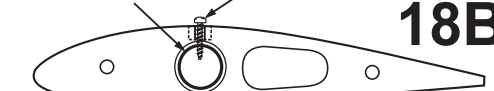


TOP

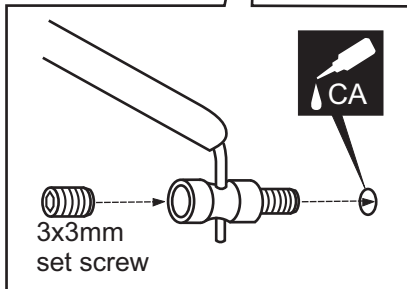
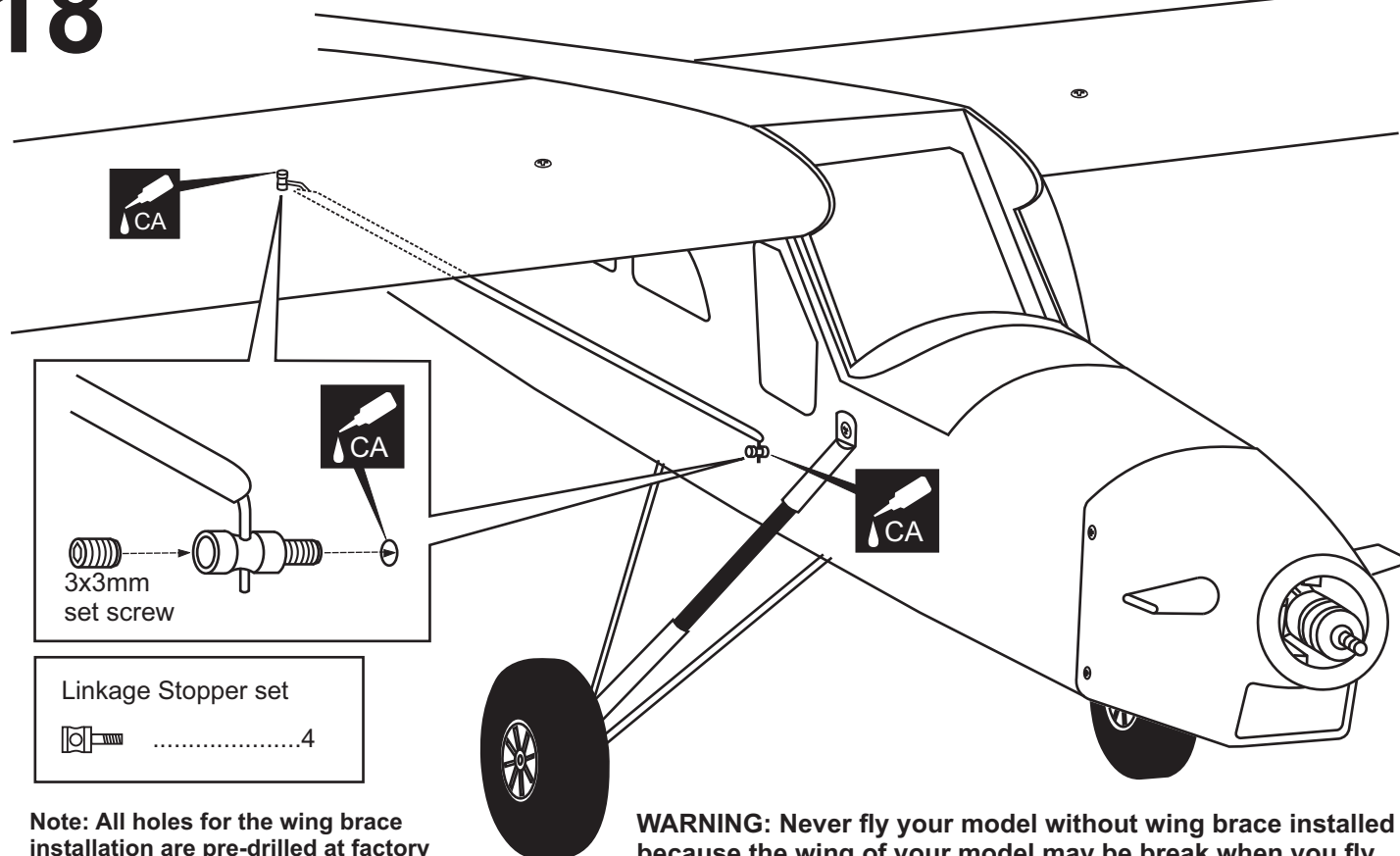
18A




18B



18



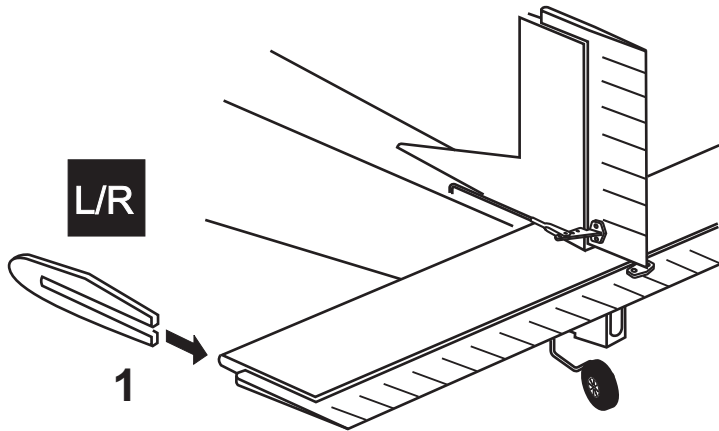
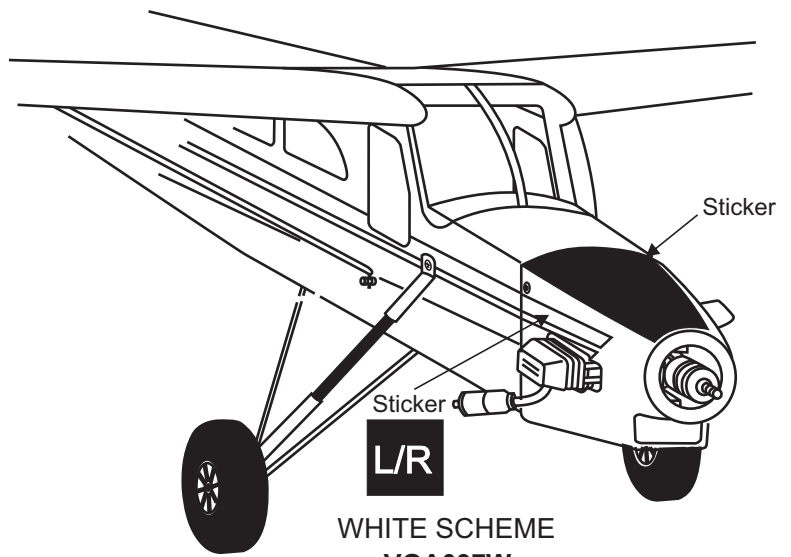
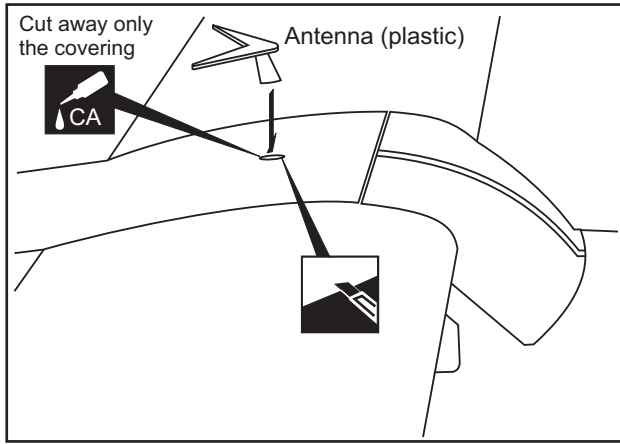
Linkage Stopper set

4

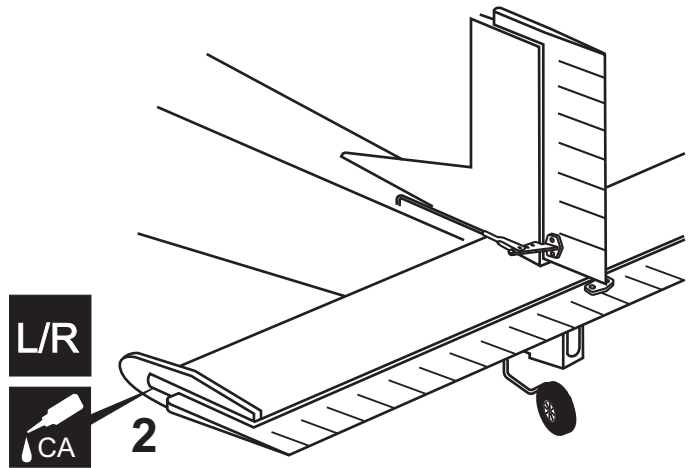
Note: All holes for the wing brace installation are pre-drilled at factory

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.

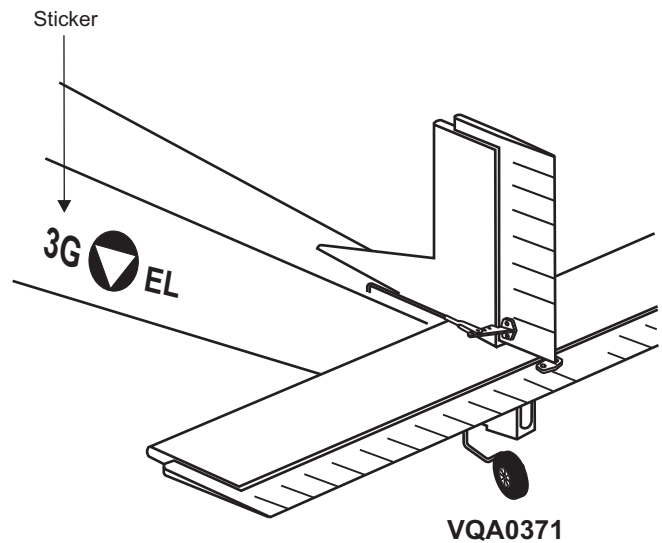
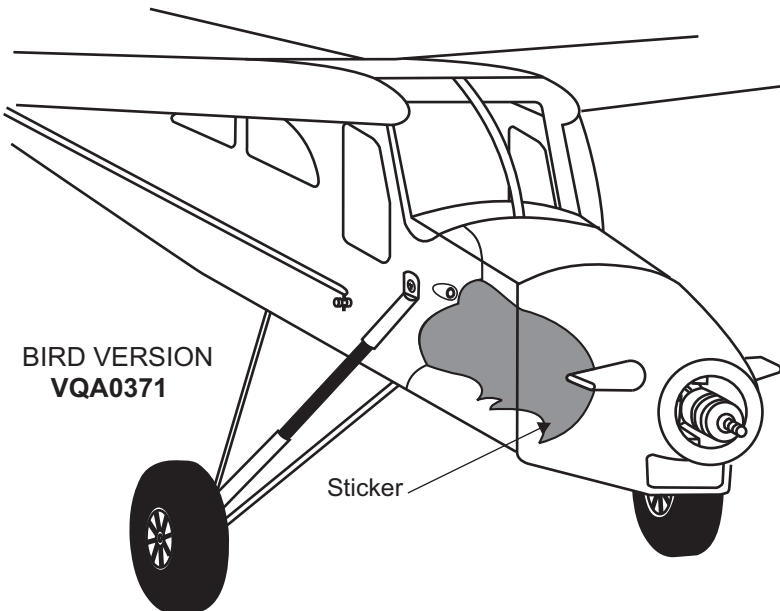
19



VQA037Y / VQA037W / VQA0371



20



VQA0371

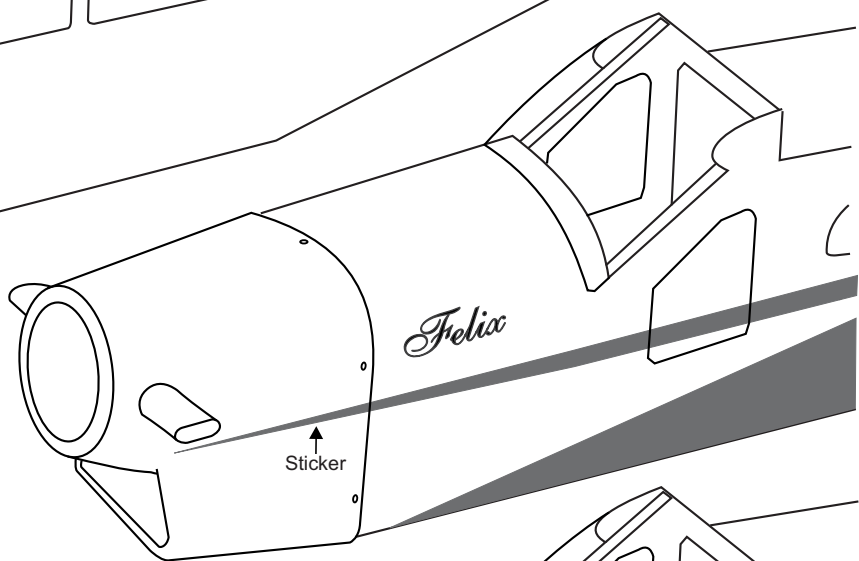
Note: Cut out the stickers and apply them in the proper area. Do not peel the backing paper off all at once. Peel off one corner of the backing and cut off with scissors. Arrange sticker on model and when satisfied adhere the corner without backing.

Carefully peel back the rest of the backing while at the same time adhering the rest of the sticker.

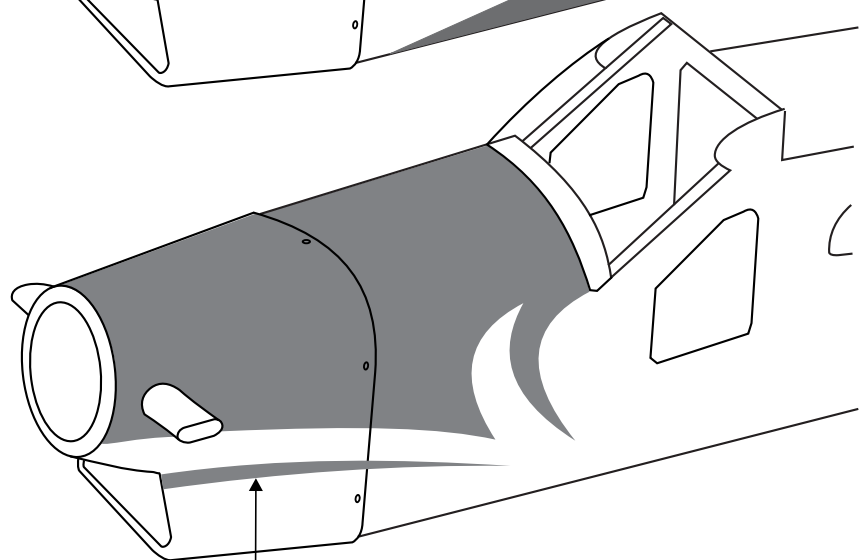
Try not to make air bubbles, if there are some, carefully puncture sticker (center of bubble) but not model surface with the tip of the knife or sharp pin and squeeze out the air. At curves stretch sticker and apply a little heat so that no creases occur. Cut off the excess that is produced.



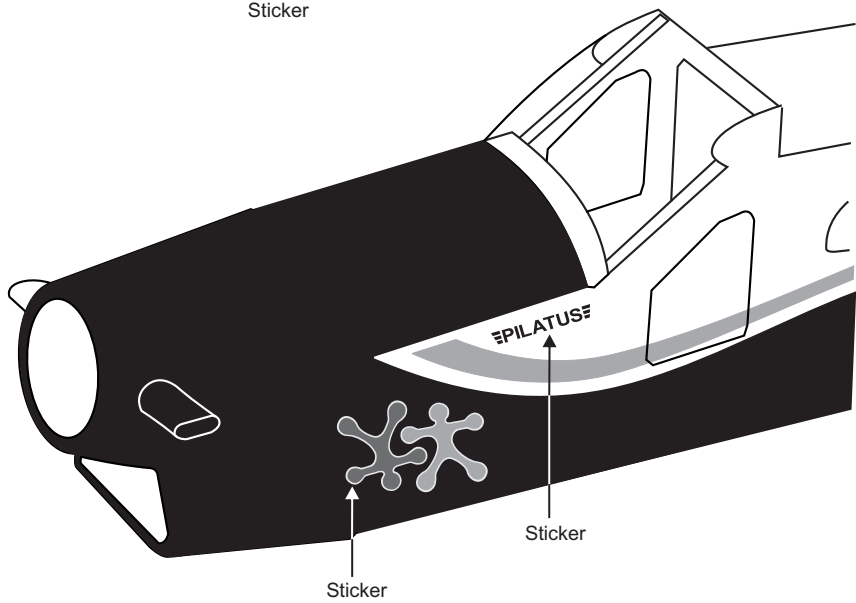
SWISS VERSION
VQA0362



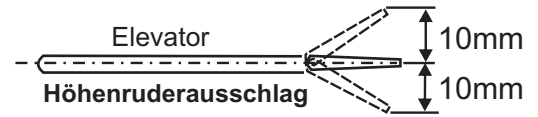
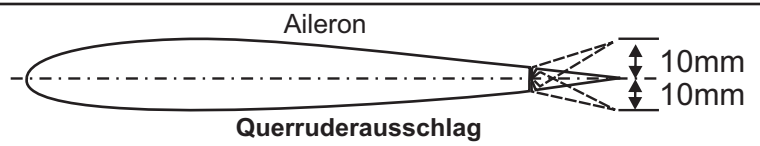
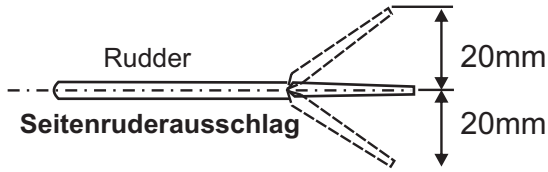
ALP VERSION
VQA0374



TURBOLENZA



22

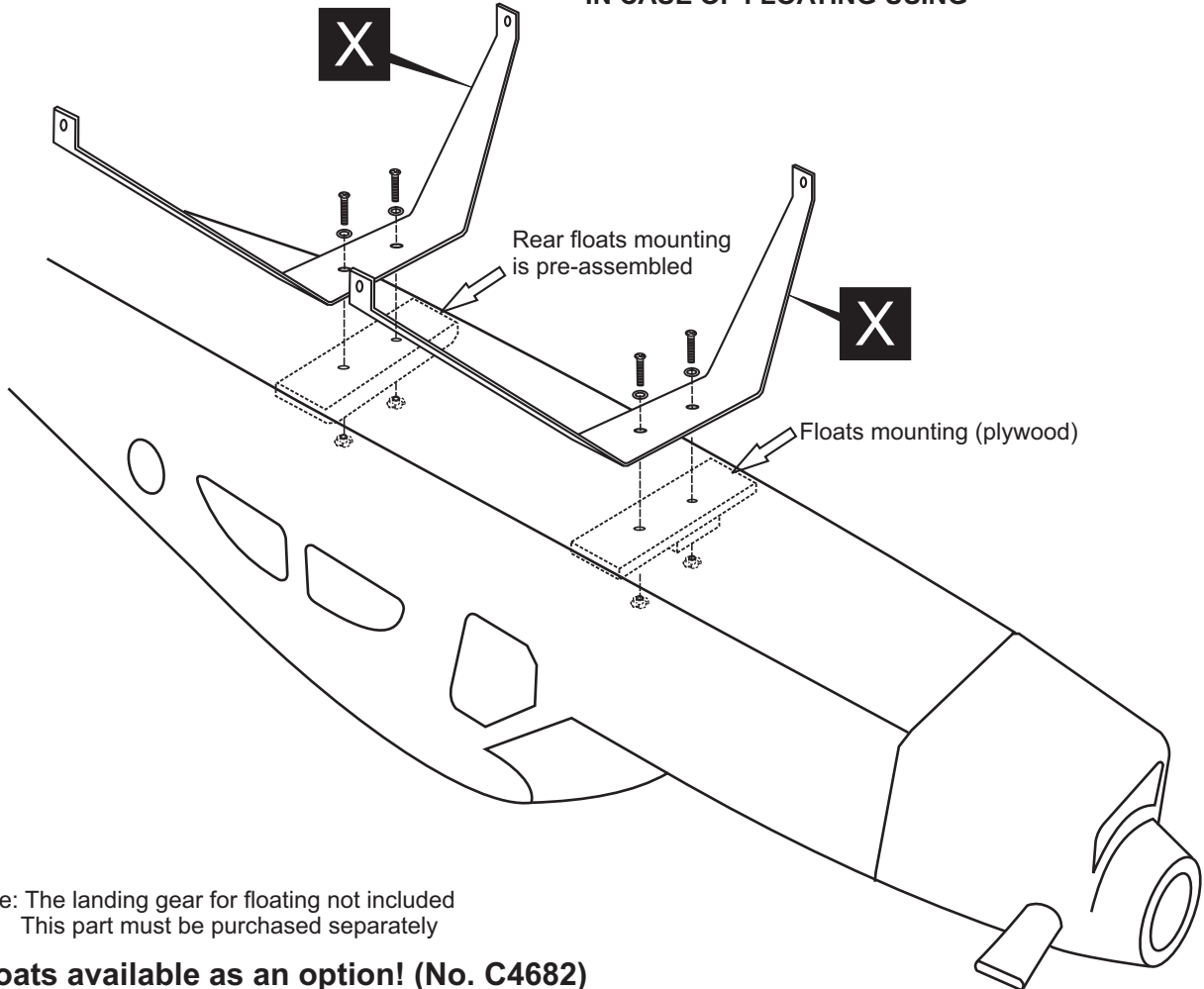


Do not try to fly an out-of balance model!
Überprüfen Sie vor dem Flug den Schwerpunkt.



23

IN CASE OF FLOATING USING



Note: The landing gear for floating not included
This part must be purchased separately

Floats available as an option! (No. C4682)

Schwimmer als Sonderzubehör erhältlich! (Best.Nr.C4682)

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.

WARNING !

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