**26 ~ 30cc**
***Gas Engine***

# Pilatus Porter PC-6

## RADIO CONTROL MODEL / RC FLUGMODELL

## *BUILDING INSTRUCTIONS / MONTAGEANLEITUNG*


***"Skydive Marche"***
**VQA057**


**AUSTRALIA ARMY**
**VQA0571**

**SPECIFICATIONS**

| | |
|---|---|
| Wingspan | 107 in. |
| Length | 78.7 in. |
| Flying weight | 14.4 lbs |
| Gas Engine | 26 ~ 30cc |
| Radio | 6 Channel / 8 servos |

**Technische Daten**

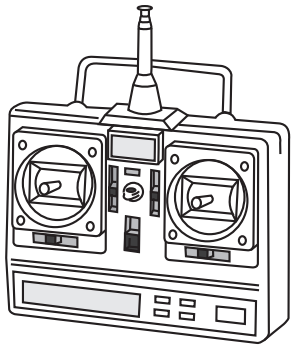
| | |
|---|---|
| Spannweite | 2.720mm |
| Länge | 2.000mm |
| Fluggewicht | 6.500g |
| Verbrennerantrieb | 26 ~ 30cc |
| Fernsteuerung | 6 Kanal / 8 Servos |

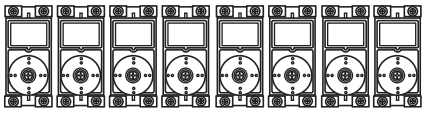
RADIO CONTROL MODEL ®

**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.

**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.

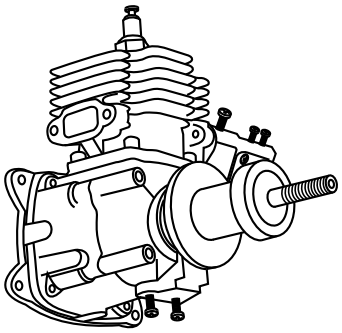
## REQUIRED FOR OPERATION (Purchase separately)
## BENÖTIGTE KOMPONENTEN FÜR DEN ABFLUG (Nicht enthalten)



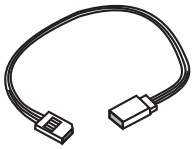


Minimum 6 channel radio
for airplane with 8 servos

.Motor control x1 .Aileron x2
.Elevator x2 .Rudder x1
.Flap x 2



Gas Engine: 26 ~ 30cc



Extension for aileron
servo, Flap servo.

Nylon tube

## GLUE (Purchase separately)


Silicon sealer

Cyanoacrylate
Glue
Klebstoff



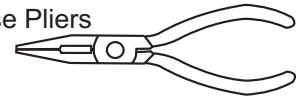
Epoxy Glue (5 minute type)
Epoxy-Klebstoff (5min-Typ)

Epoxy Glue (30 minute type)
Epoxy-Klebstoff (30min-Typ)

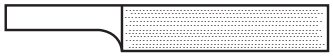
## TOLLS REQUIRED (Purchase separately)

Hobby knife

Needle nose Pliers

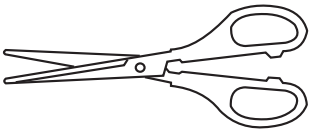


Sander



Phillip screw driver

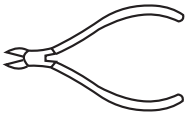
Scissors



Hex Wrench

Awl

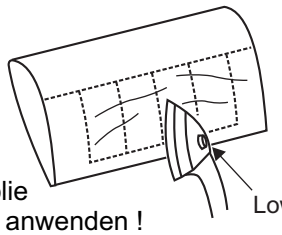
Wire Cutters



Masking tape - Straight Edged Ruler - Pen or pencil - Drill and Assorted Drill Bits

If exposed to direct sunlight and/or heat, wrinkels can appear. Storing the model in a cool place will let the wrinkles disappear. Otherwise, remove wrinkles in covering film with a hair dryer, starting with low temperature. You can fix the corners by using a hot iron.

Bei Sonneneinstrahlung und/oder Wärme kann die Folie erschlaffen bzw. Falten entstehen. Verwenden Sie ein Warumluftgebläse (Haartrockner) um evtl. Falten aus der Folie zu bekommen. Die Kanten können Sie mit einem Bügeleisen behandeln. Nicht zuviel Hitze anwenden !



Low setting


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.

**Read through the manual before you begin, so you will have an overall idea of what to do.**

**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- Landing gear / Fahrwerk

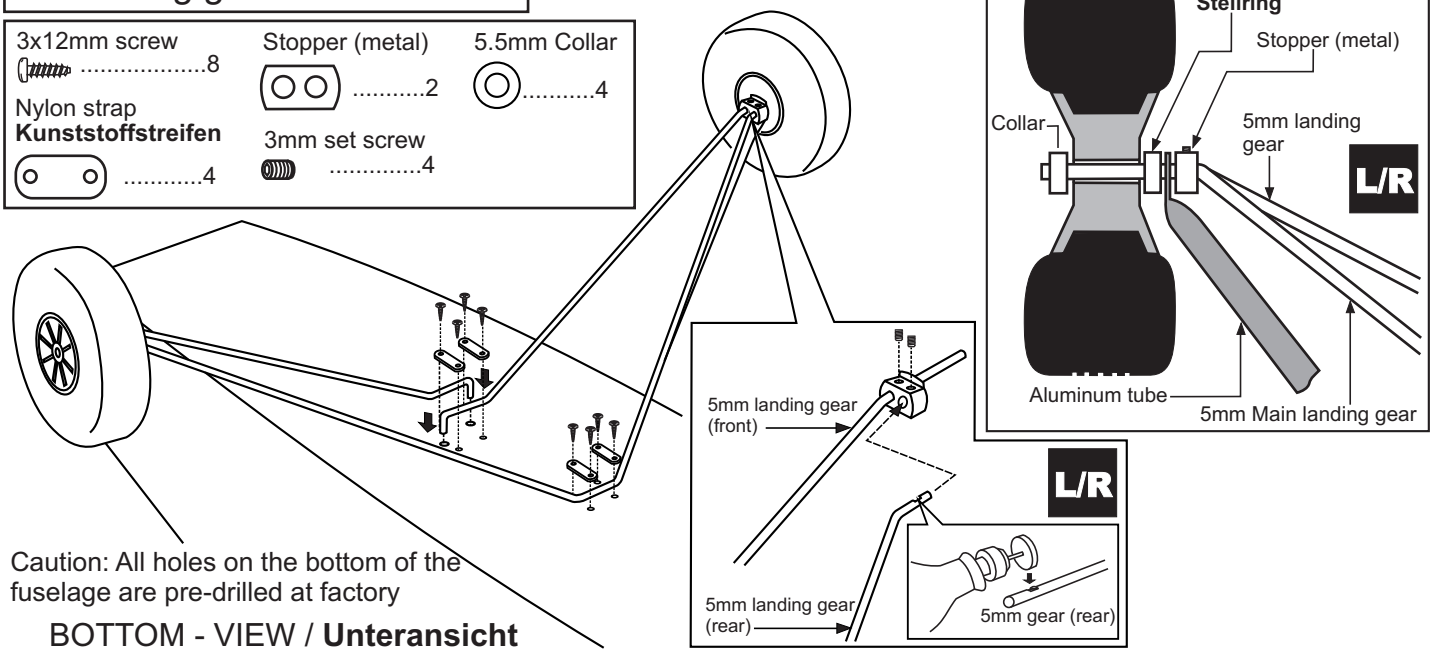
3x12mm screw .....8

Stopper (metal) .....2

5.5mm Collar .....4

Nylon strap
**Kunststoffstreifen** .....4

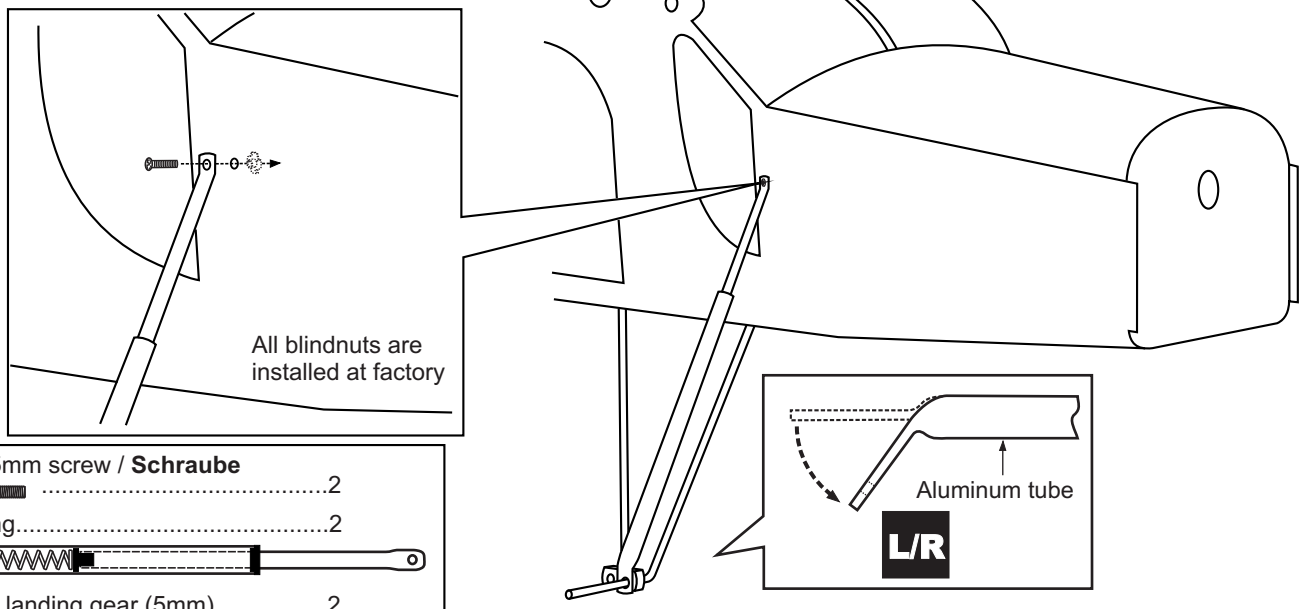
3mm set screw .....4




Caution: All holes on the bottom of the fuselage are pre-drilled at factory

BOTTOM - VIEW / **Unteransicht**

## 2- Landing gear / Fahrwerk




3x15mm screw / **Schraube** .....2

Spring.....2

Main landing gear (5mm).....2
**Hauptfahrwerk**

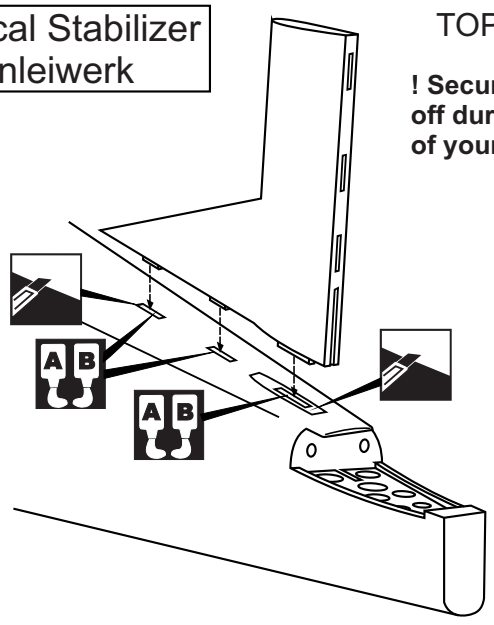
Landing gear (5mm).....1
**Fahrwerksdraht**

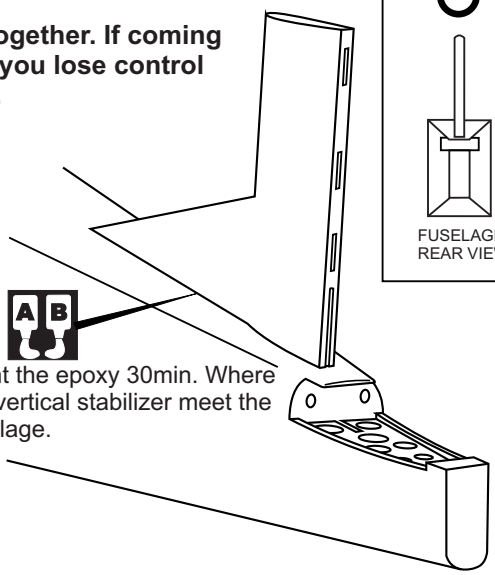
Two holes on the left and the right side of the fuselage are pre-drilled at factory

## 3- Vertical Stabilizer
## Seitenleiwerk

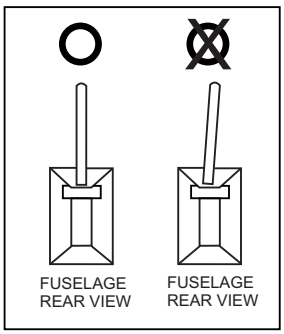
TOP VIEW / **Draufsicht**

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



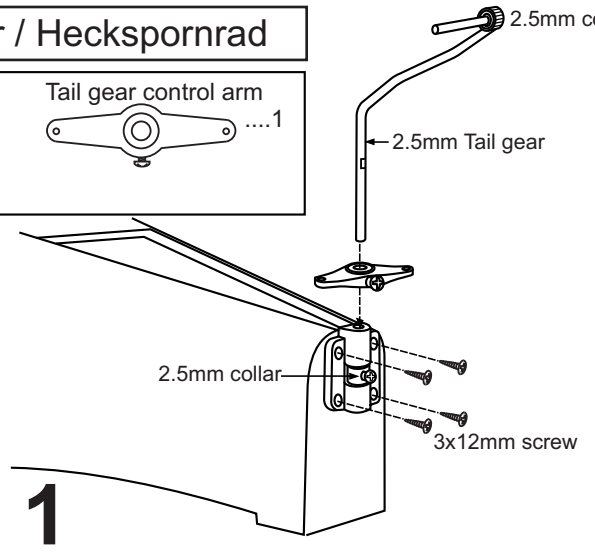




Paint the epoxy 30min. Where the vertical stabilizer meet the fuselage.



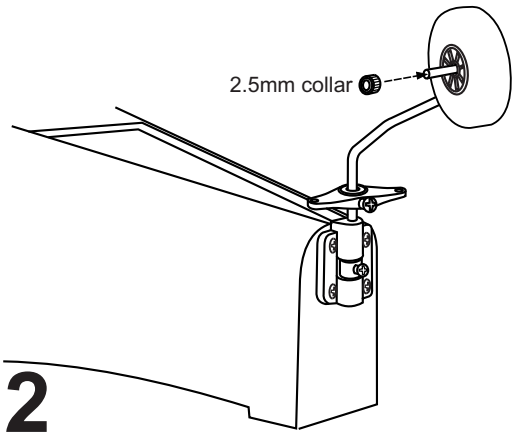
## 4- Tail gear / Hecksporнrad

3x12mm screw .....4
2.5mm Collar .....3
Tail gear control arm ....1




1

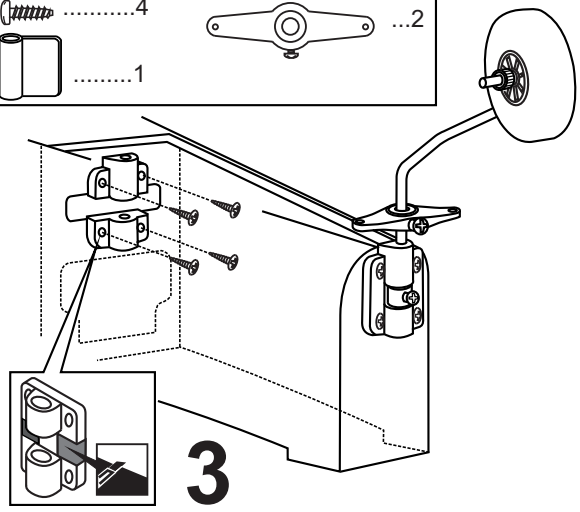
BOTTOM - VIEW / **Unteransicht**




2

## 5- Tail gear / Hecksporнrad

3x12mm screw .....4
.....1
Tail gear control arm ...2



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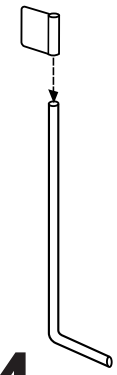
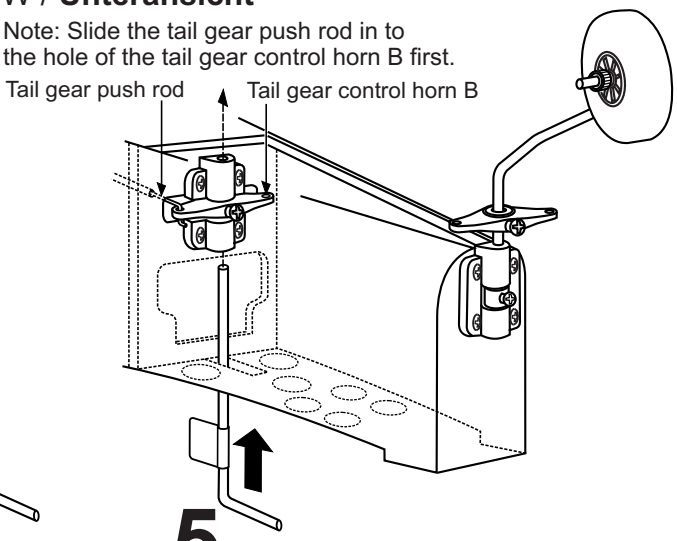


4

BOTTOM - VIEW / **Unteransicht**

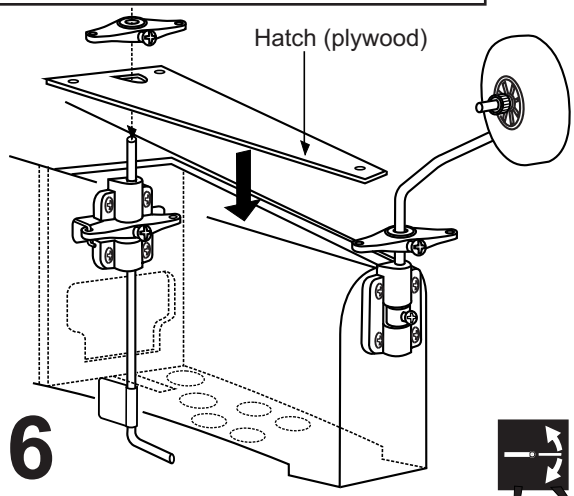
Note: Slide the tail gear push rod in to the hole of the tail gear control horn B first.



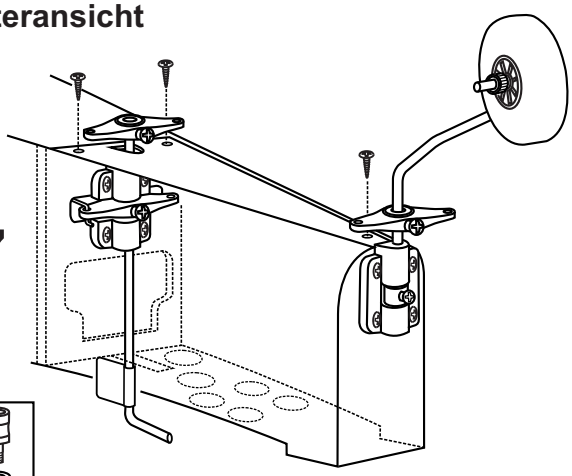

5

## 6- Tail gear / Hecksporнrad

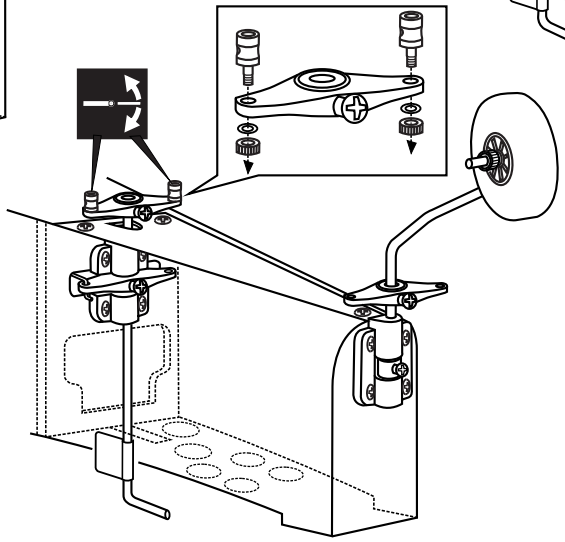
BOTTOM - VIEW / **Unteransicht**




6



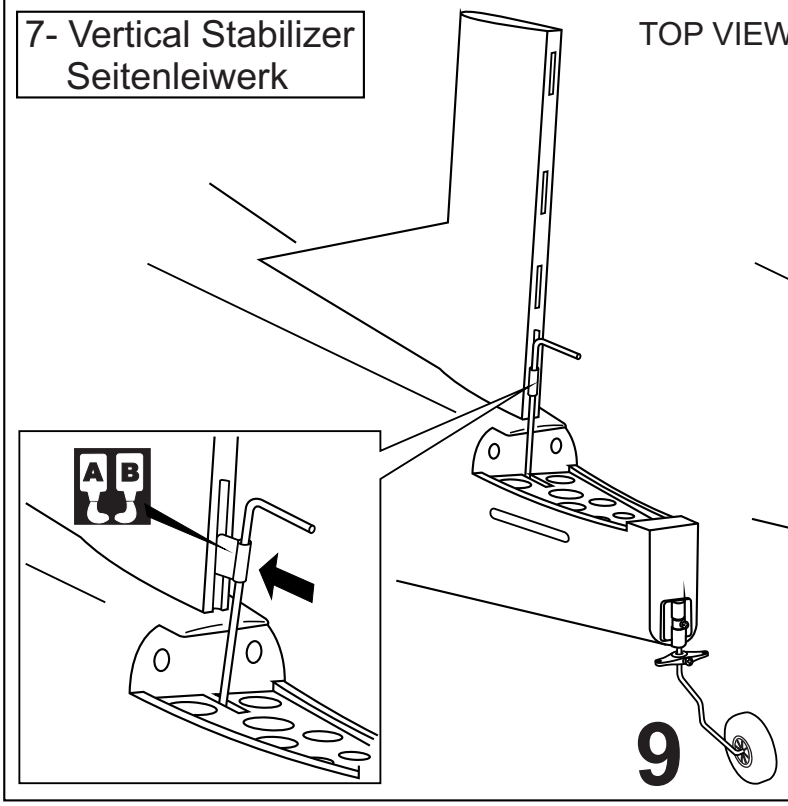
7



8

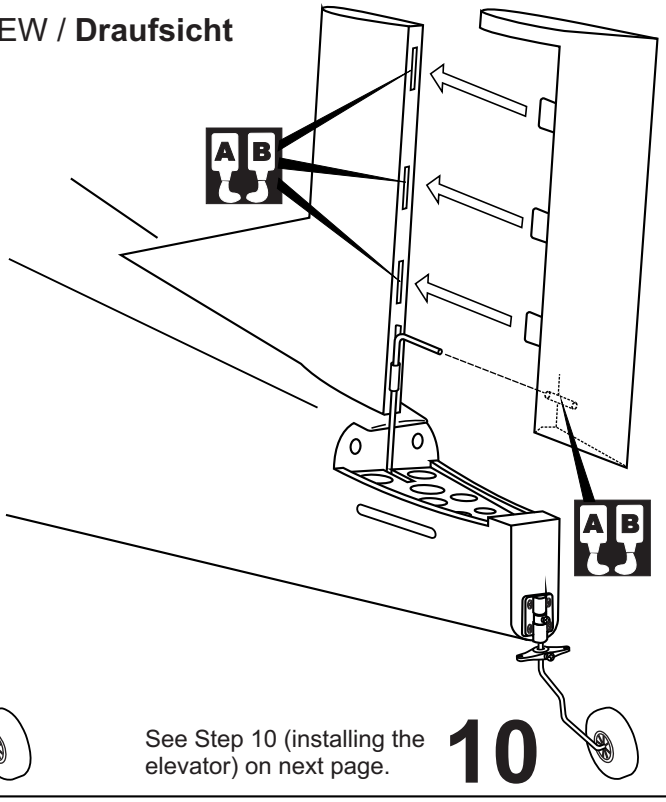
2x12mm screw .....3
.....2

## 7- Vertical Stabilizer
## Seitenleiwerk




9

TOP VIEW / **Draufsicht**



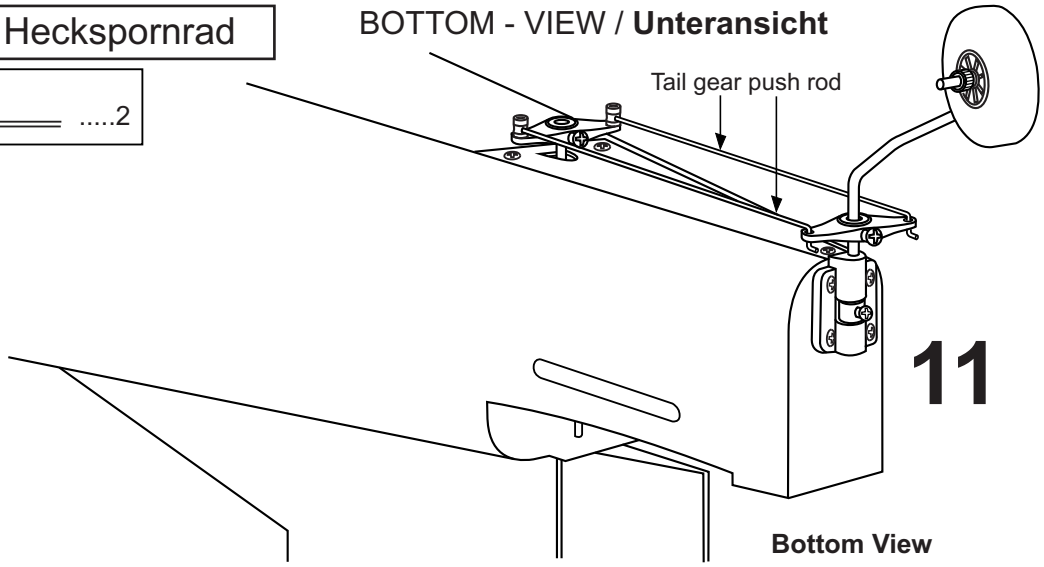

See Step 10 (installing the elevator) on next page.

10

## 8- Tail gear / Heckspornrad

2x350mm rod .....2

BOTTOM - VIEW / **Unteransicht**



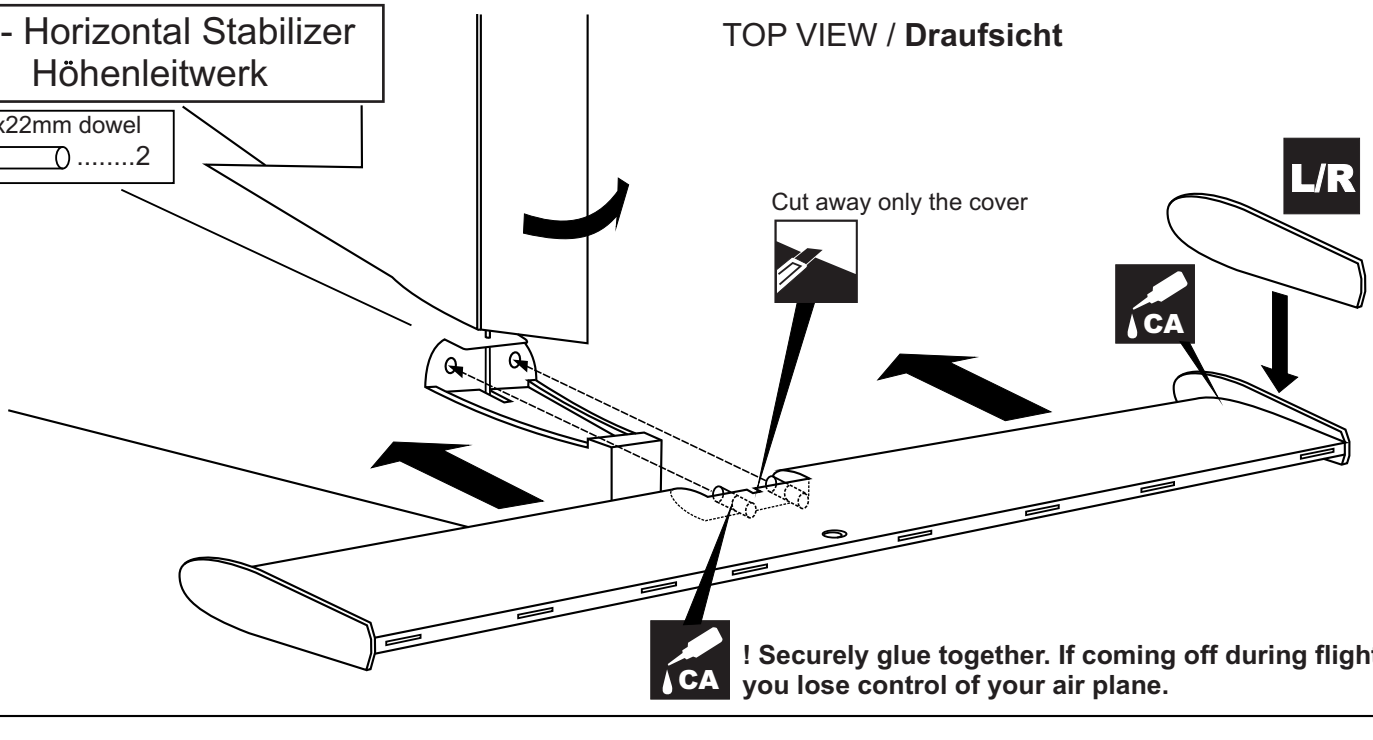

11

**Bottom View**

## 9- Horizontal Stabilizer
## Höhenleitwerk

6x22mm dowel .....2

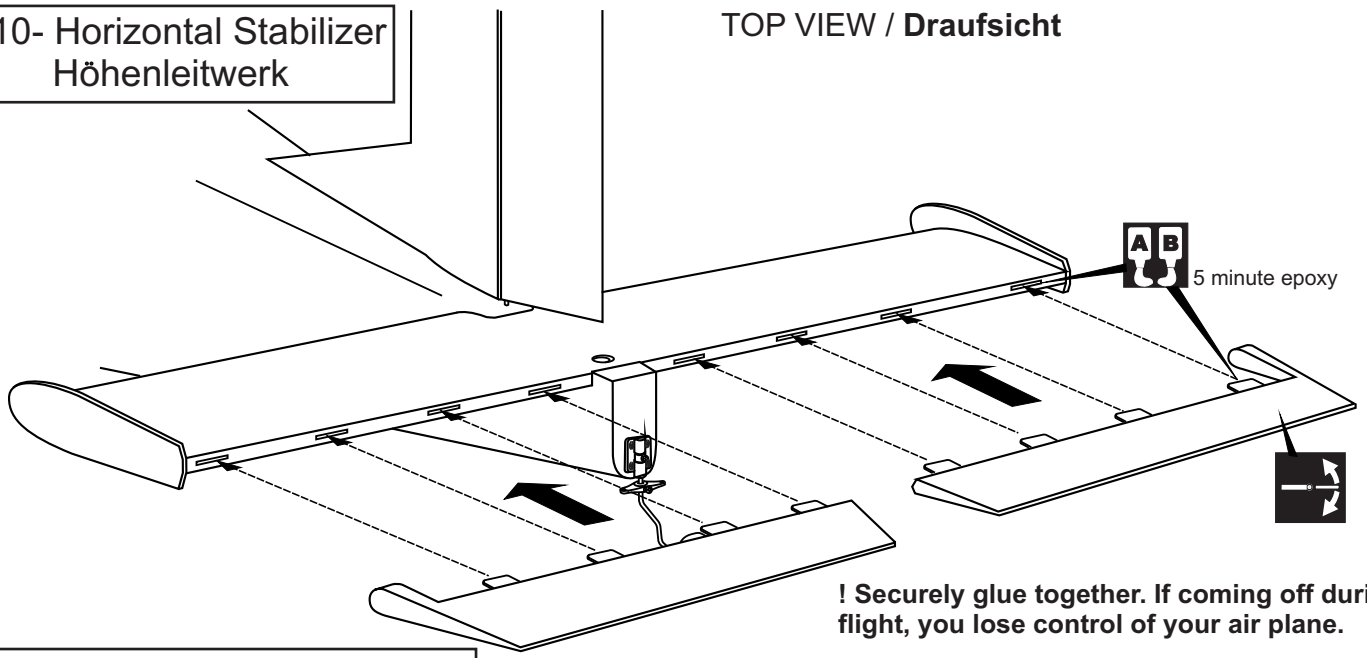
TOP VIEW / **Draufsicht**



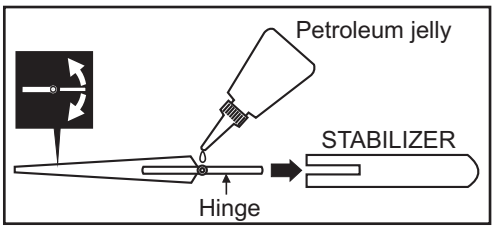

**! Securely glue together. If coming off during flight, you lose control of your air plane.**

## 10- Horizontal Stabilizer
## Höhenleitwerk

TOP VIEW / **Draufsicht**




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



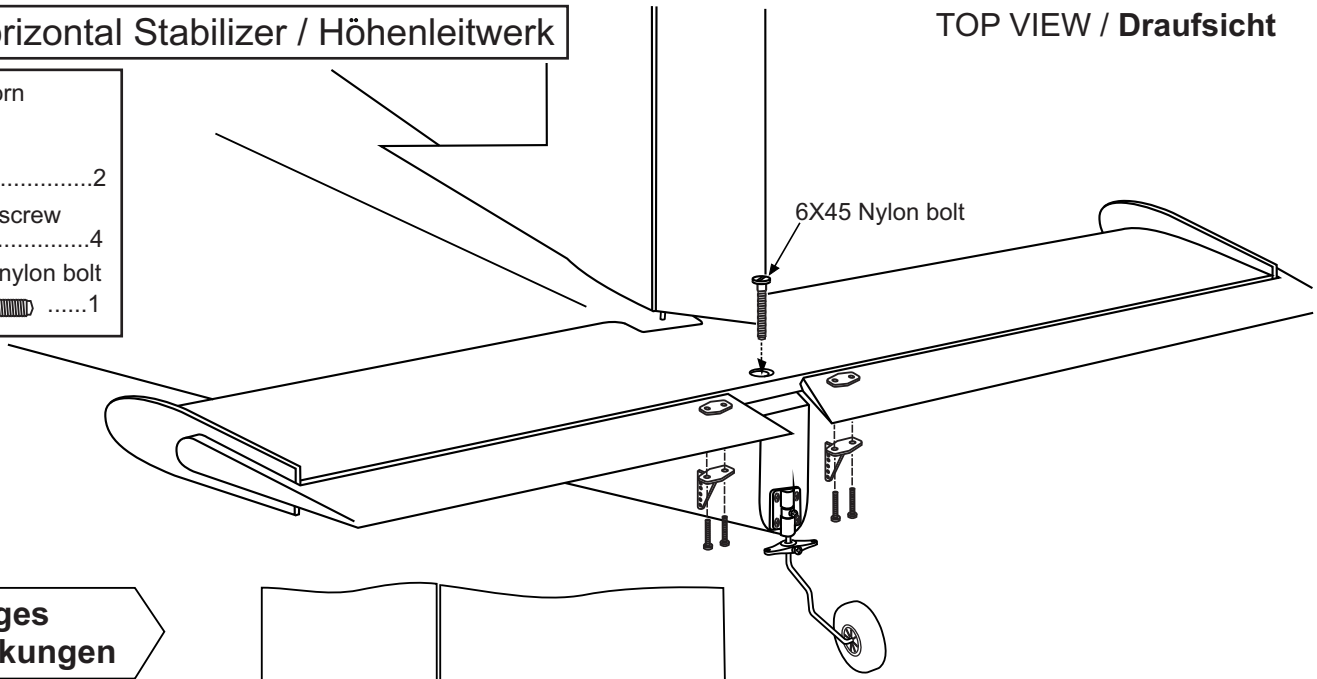

Apply a thin layer of machine oil or petroleum jelly to only the pivot point of the hinges on the elevator, then push the elevator and its hinges into the hinge slots in the trailing edge of the horizontal stabilizer. There should be a minimal hinge gap and the end of the elevator should not rub against the horizontal stabilizer.

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.

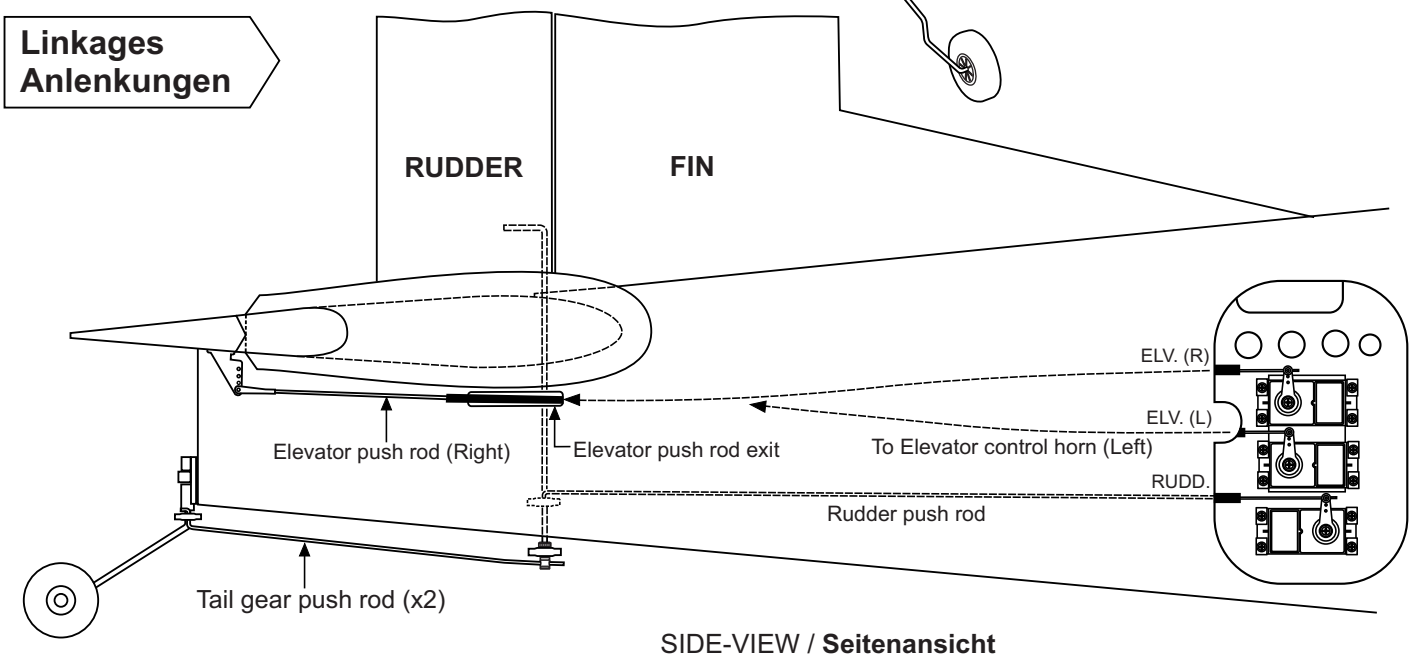
## 11- Horizontal Stabilizer / Höhenleitwerk

TOP VIEW / **Draufsicht**

Control horn .....2
2x30mm screw .....4
6x45mm nylon bolt .....1




## Linkages
## Anlenkungen

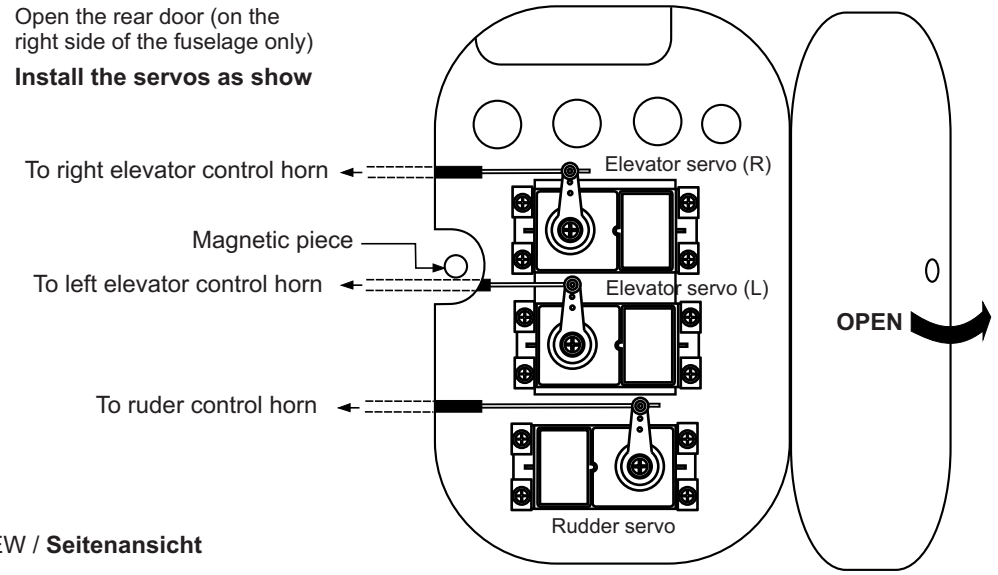



SIDE-VIEW / **Seitenansicht**

## 12- Servo

Open the rear door (on the right side of the fuselage only)

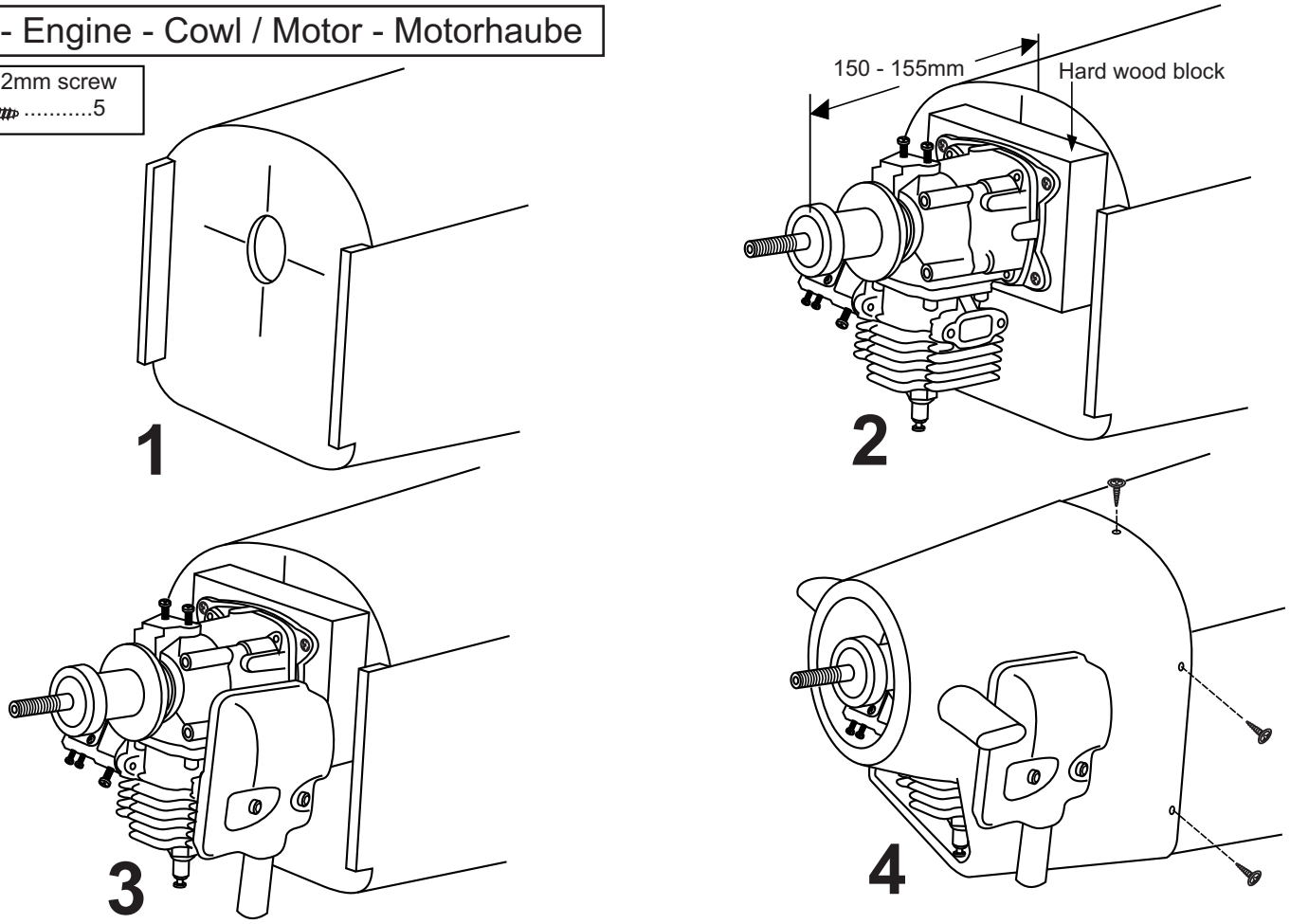
**Install the servos as show**




SIDE-VIEW / **Seitenansicht**

## 13- Engine - Cowl / Motor - Motorhaube

3x12mm screw .....5



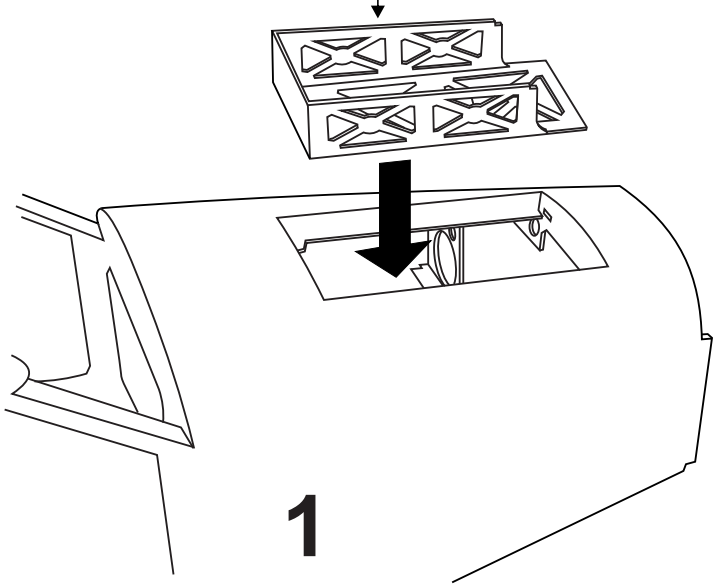

## 14- Servo

SIDE-VIEW / **Seitenansicht**

## 14A- Li-Po Battery stand

3x12mm screw .....3

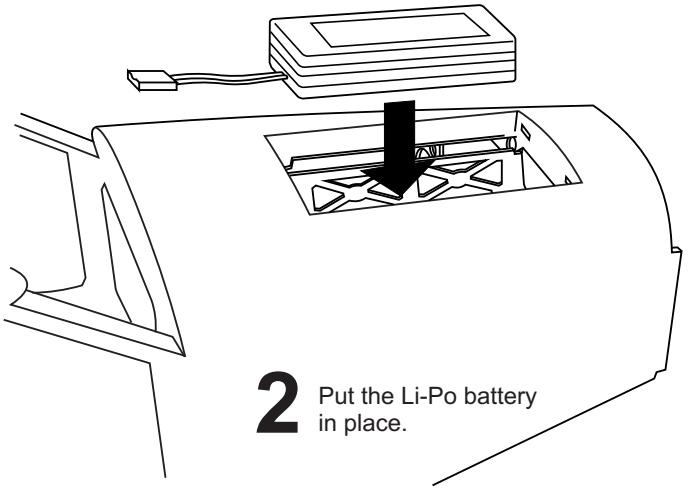
Li-Po battery stand (3mm plywood)



**1**

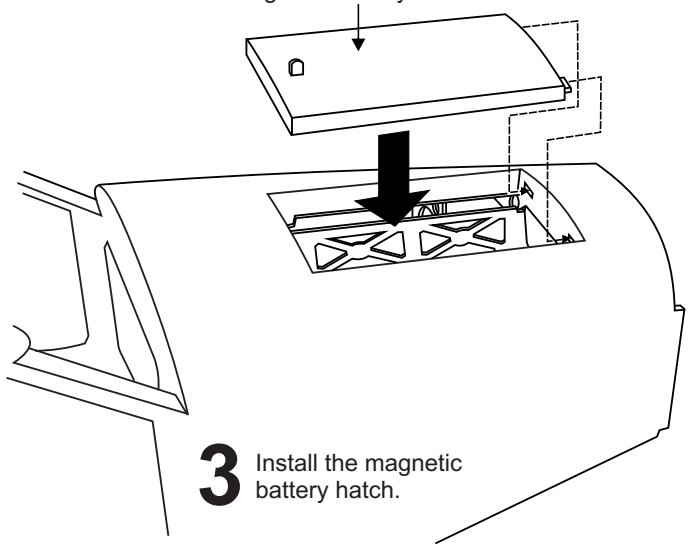
Install the Li-Po battery stand and secure it in place using three 3x12mm screws

Note: Three holes on the battery stand pre-drilled at factory



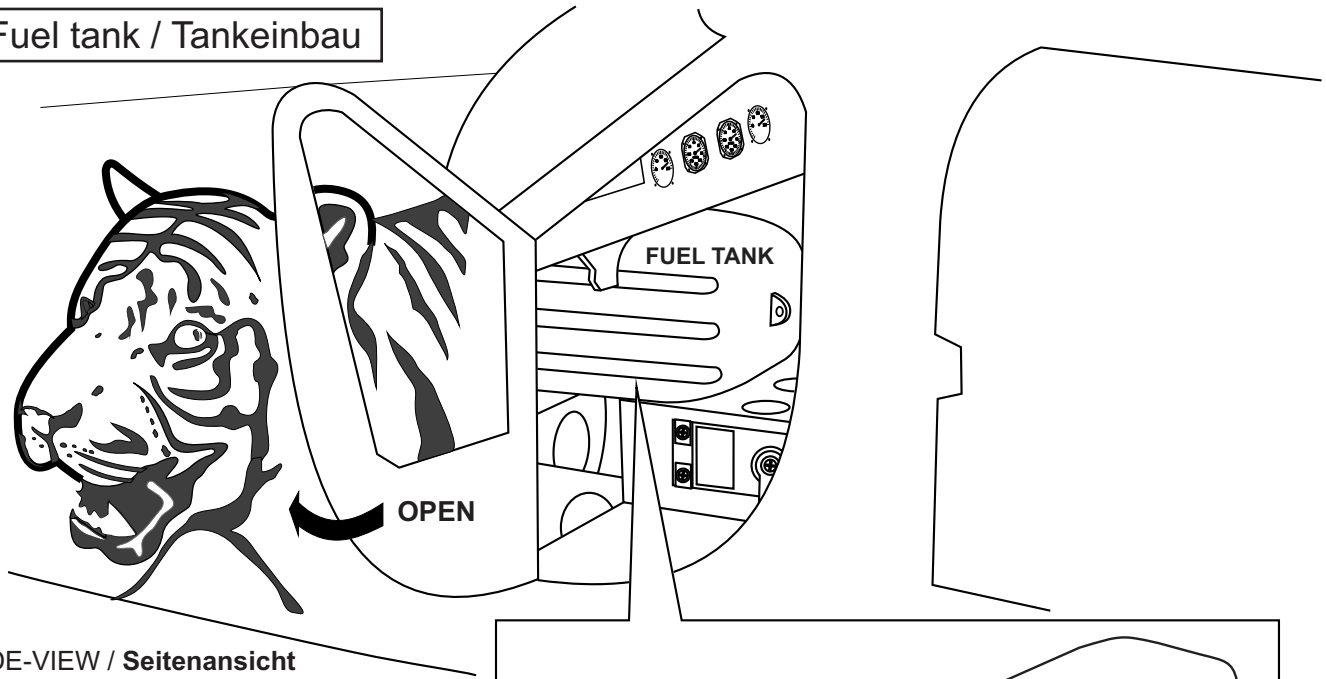
**2** Put the Li-Po battery in place.

Magnetic battery hatch.

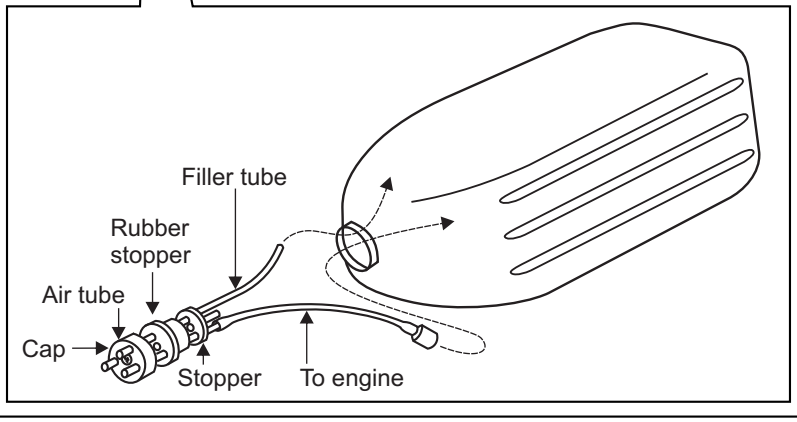


**3** Install the magnetic battery hatch.

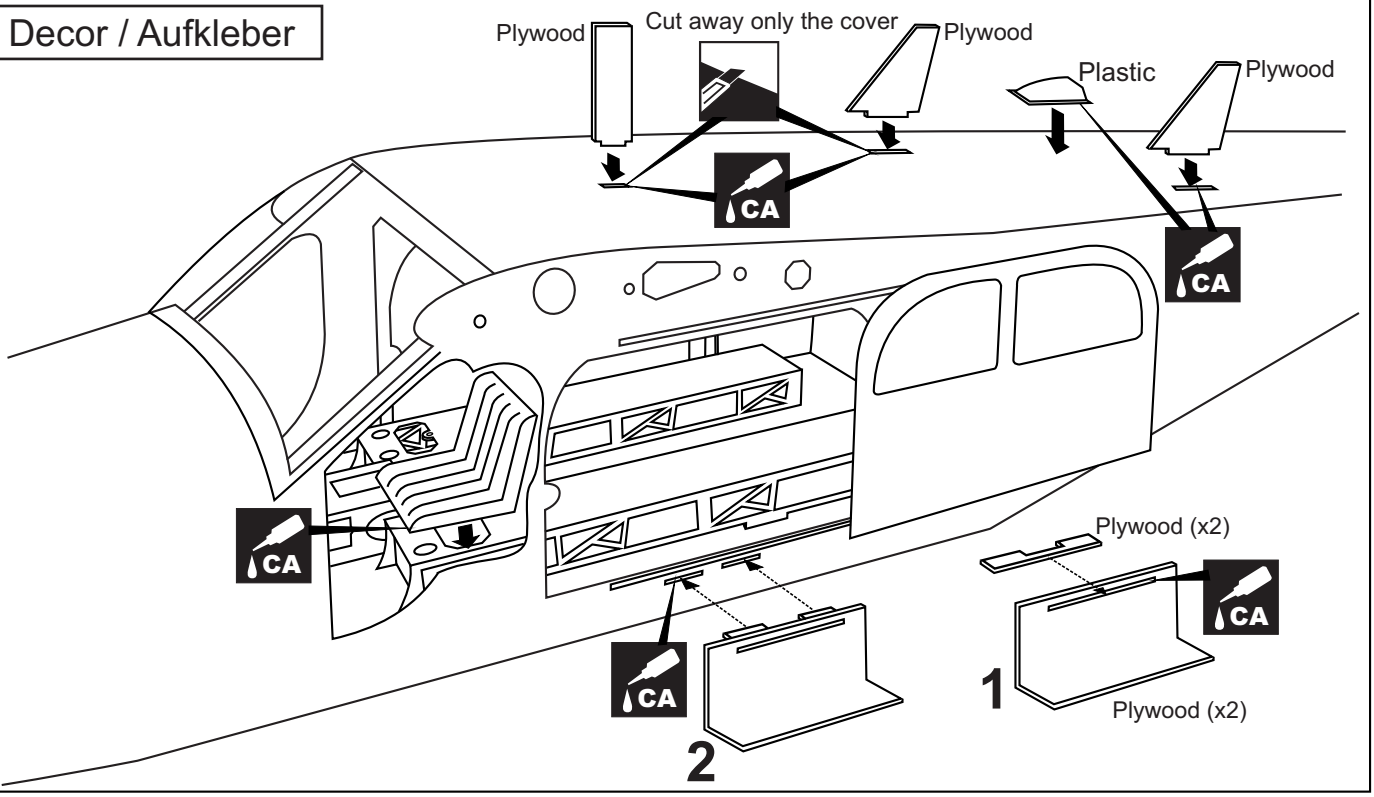
## 15- Fuel tank / Tankeinbau



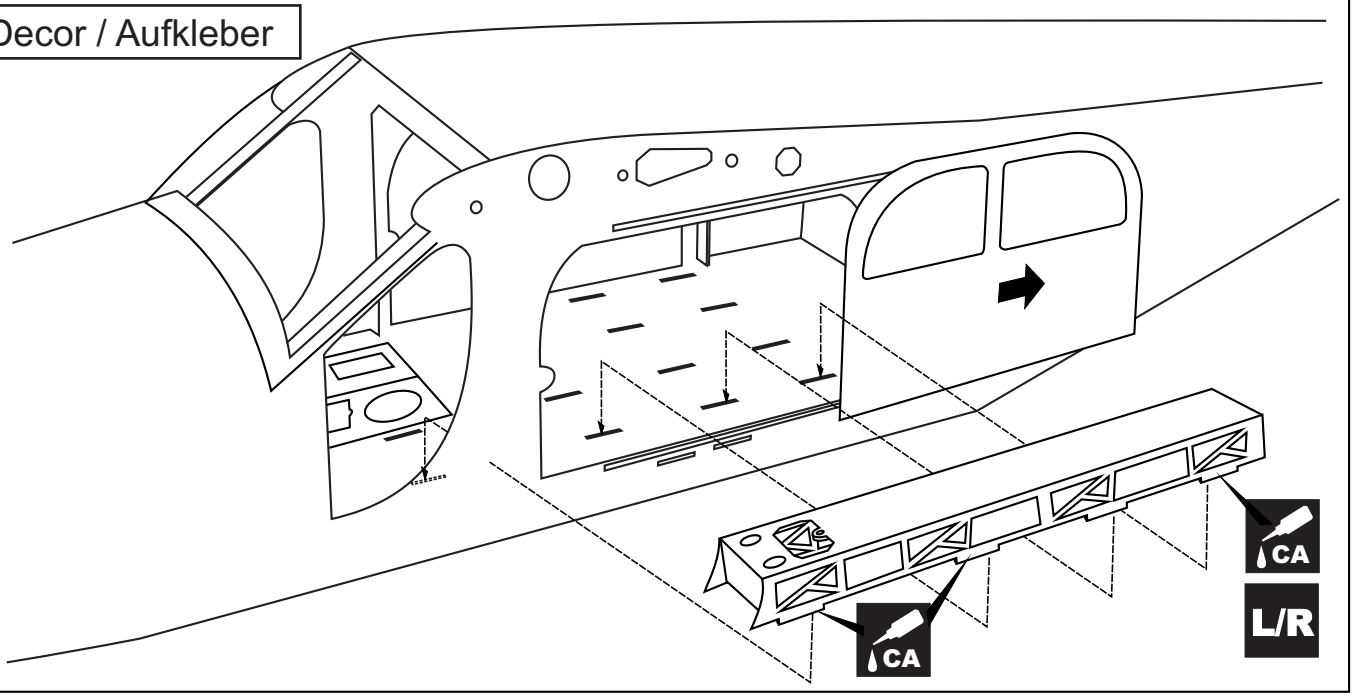

SIDE-VIEW / **Seitenansicht**



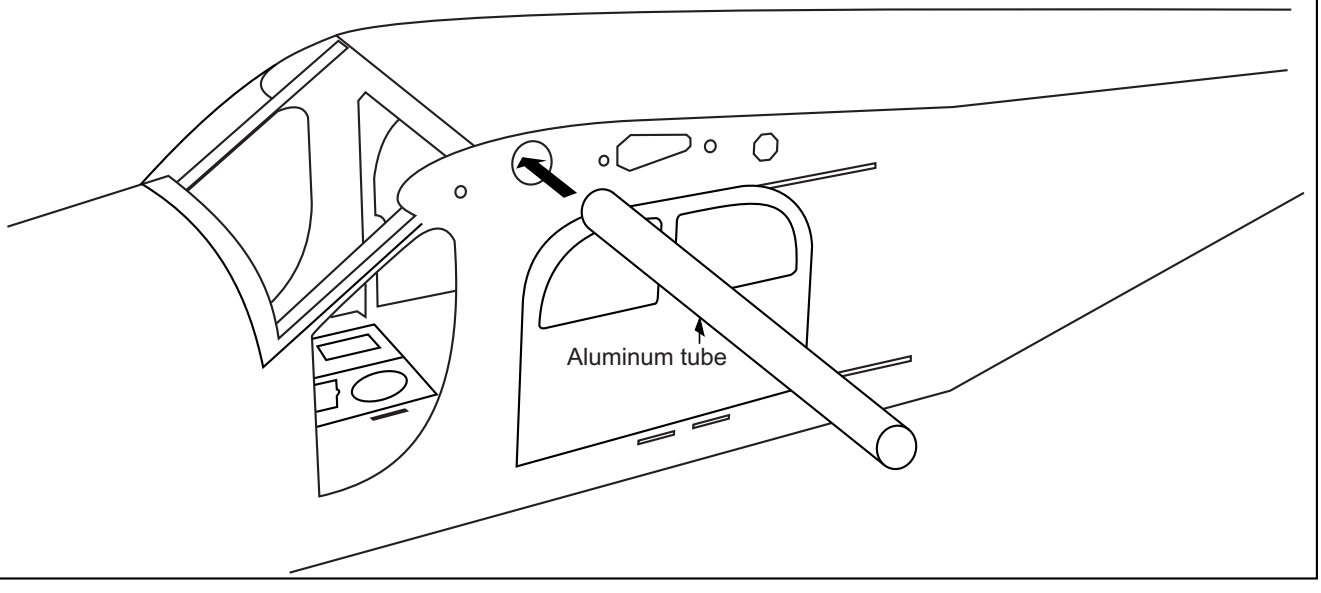
## 16- Decor / Aufkleber



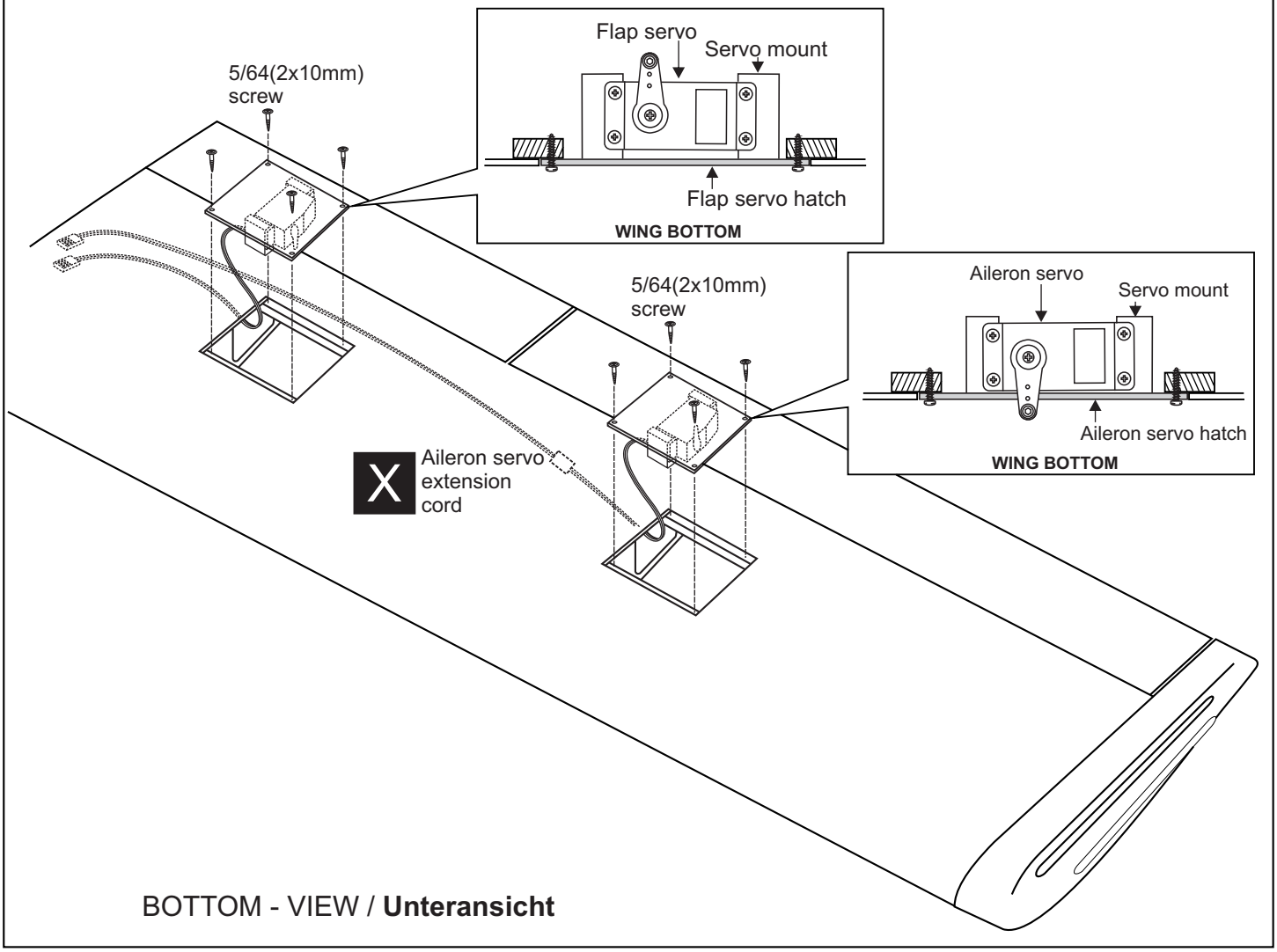

## 17- Decor / Aufkleber




## 18- Installing the wing / Tragflächeneinbau

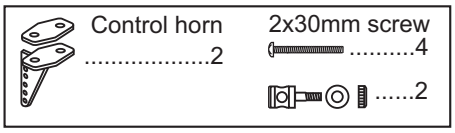


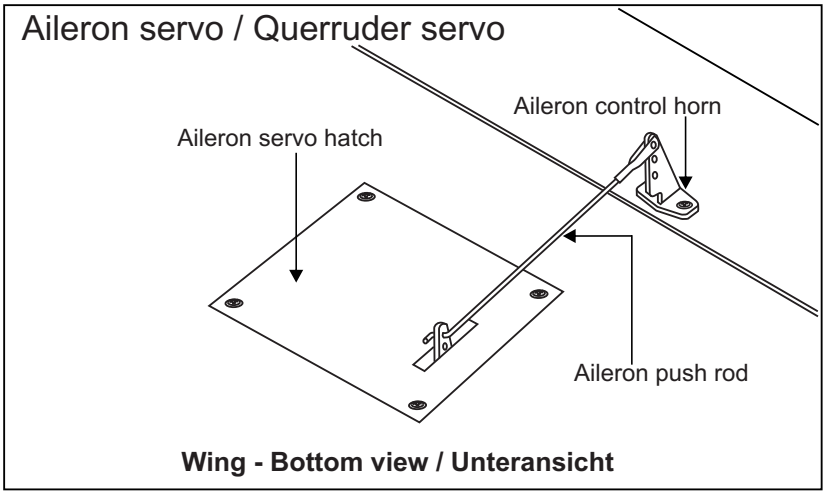
## 19- Servo installation / Servoeinbau

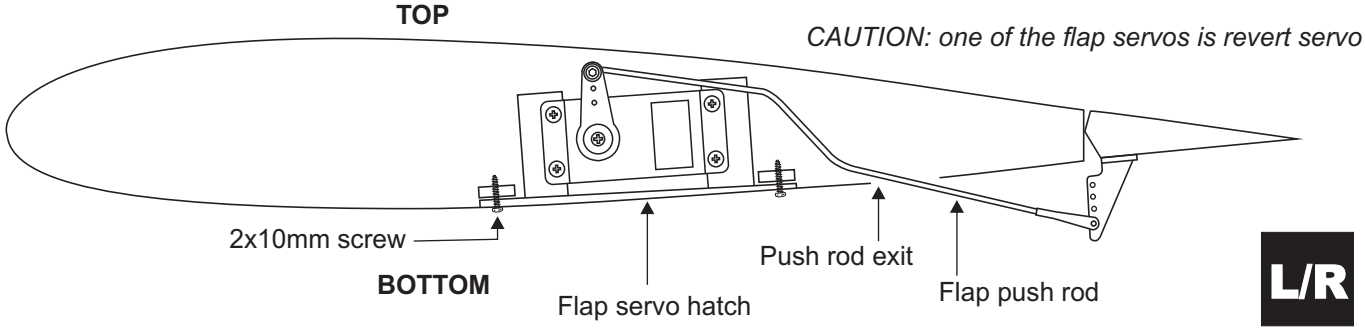



BOTTOM - VIEW / **Unteransicht**

## 20- Linkages / Anlenkungen

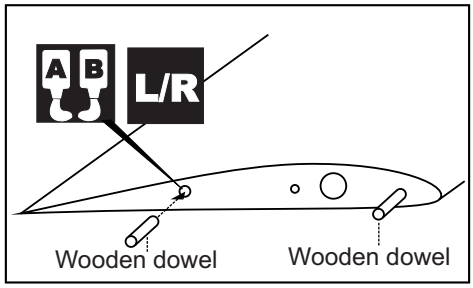



1- Place the flap servo onto the servo mounts and secure it in place using the four screws included with the servo.
2- Install the flap push rod connector onto the hole in the flap servo arm and insert the push rod through the push rod connector.
3- Place the flap servo hatch in its mount and secure it in place using four 2x10mm screws.

## 21- Installing the wing / Tragflächeneinbau



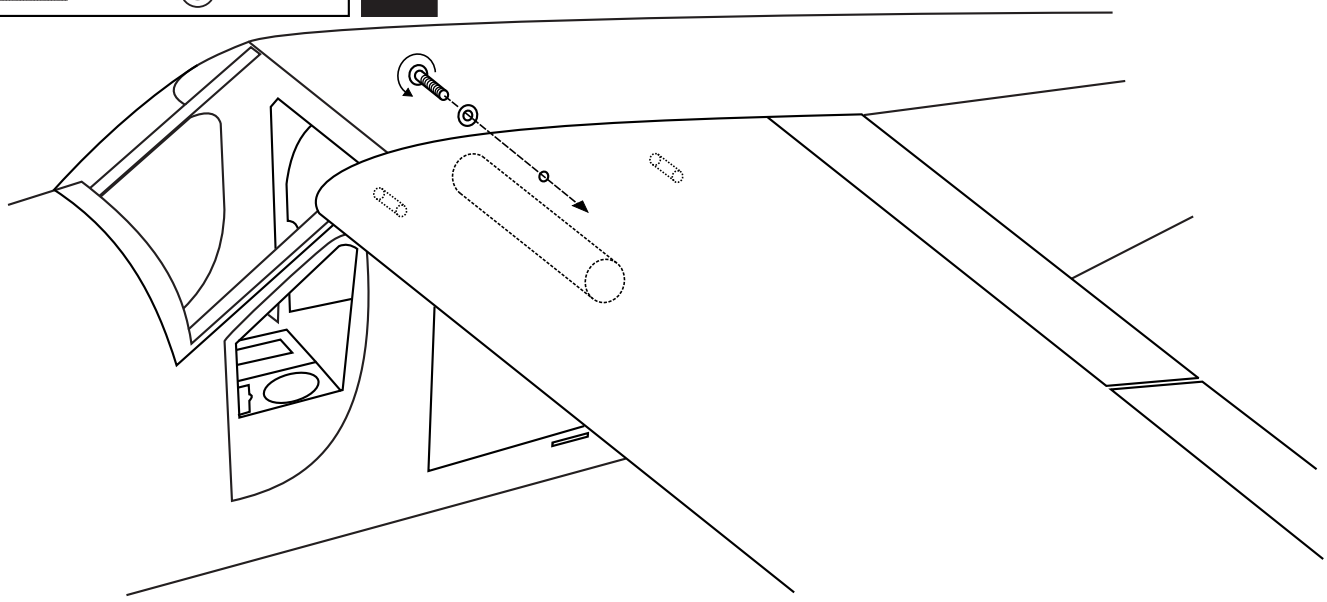



## 22- Installing the wing / Tragflächeneinbau

5x20mm screw .....2

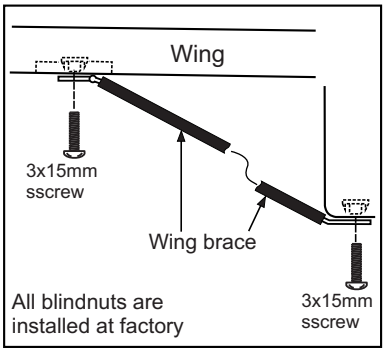
5mm washer .....2

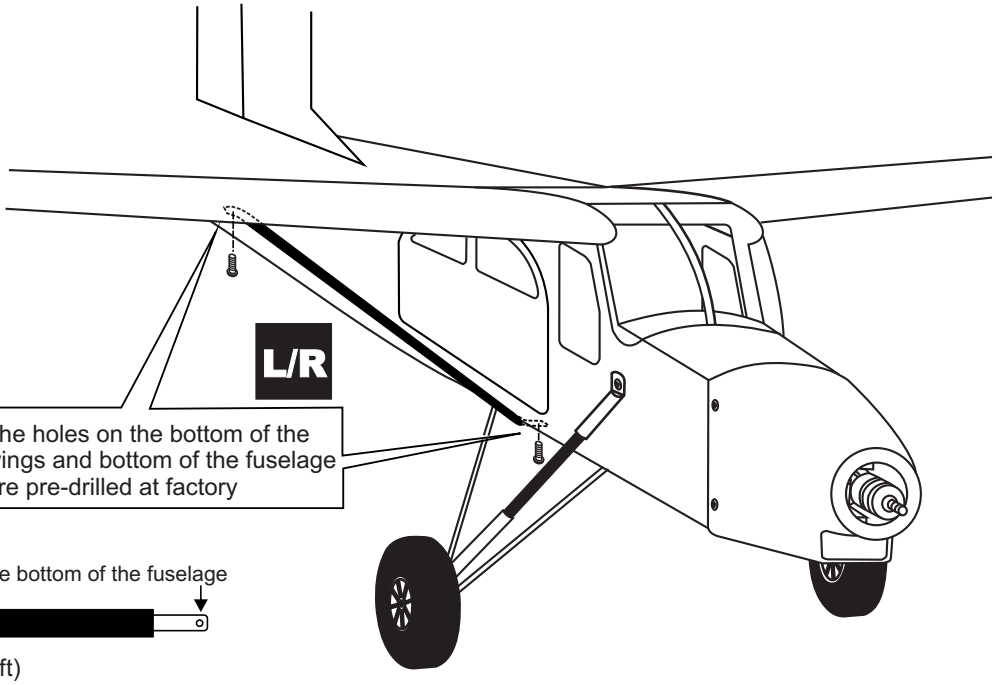
L/R

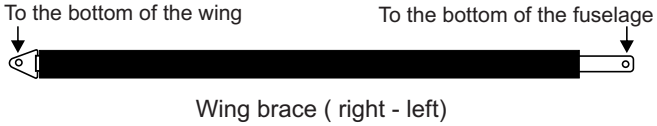


## 23- Installing the wing Tragflächeneinbau

3x15mm screw / **Schraube** .....2

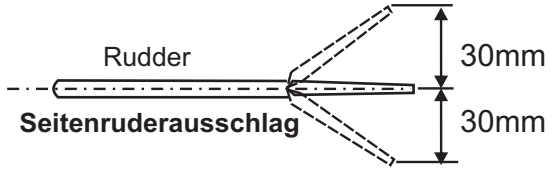


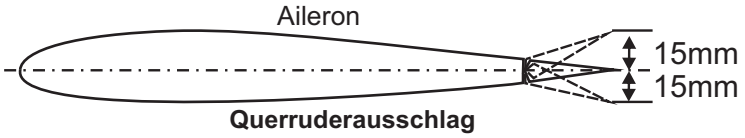



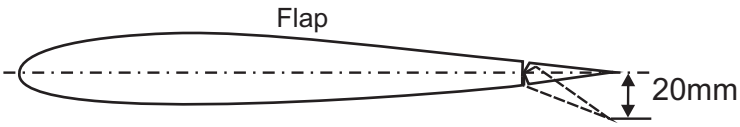




Wing brace ( right - left)

## 24- Balance / Schwerpunkt



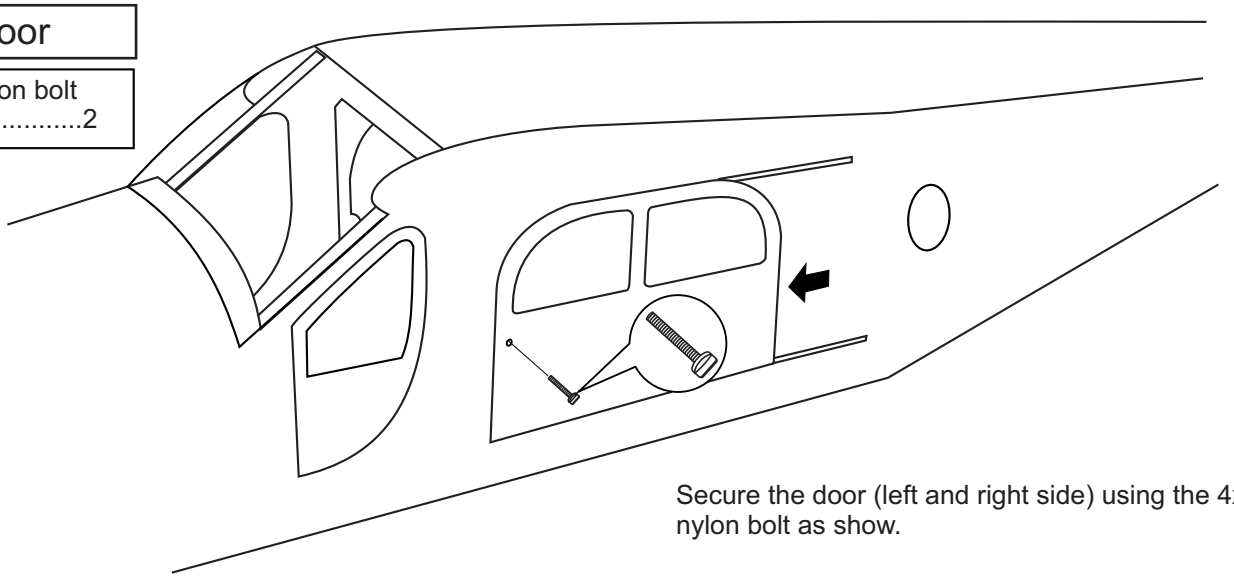




Do not try to fly an out-of balance model!
**Überprüfen Sie vor dem Flug den Schwerpunkt.**



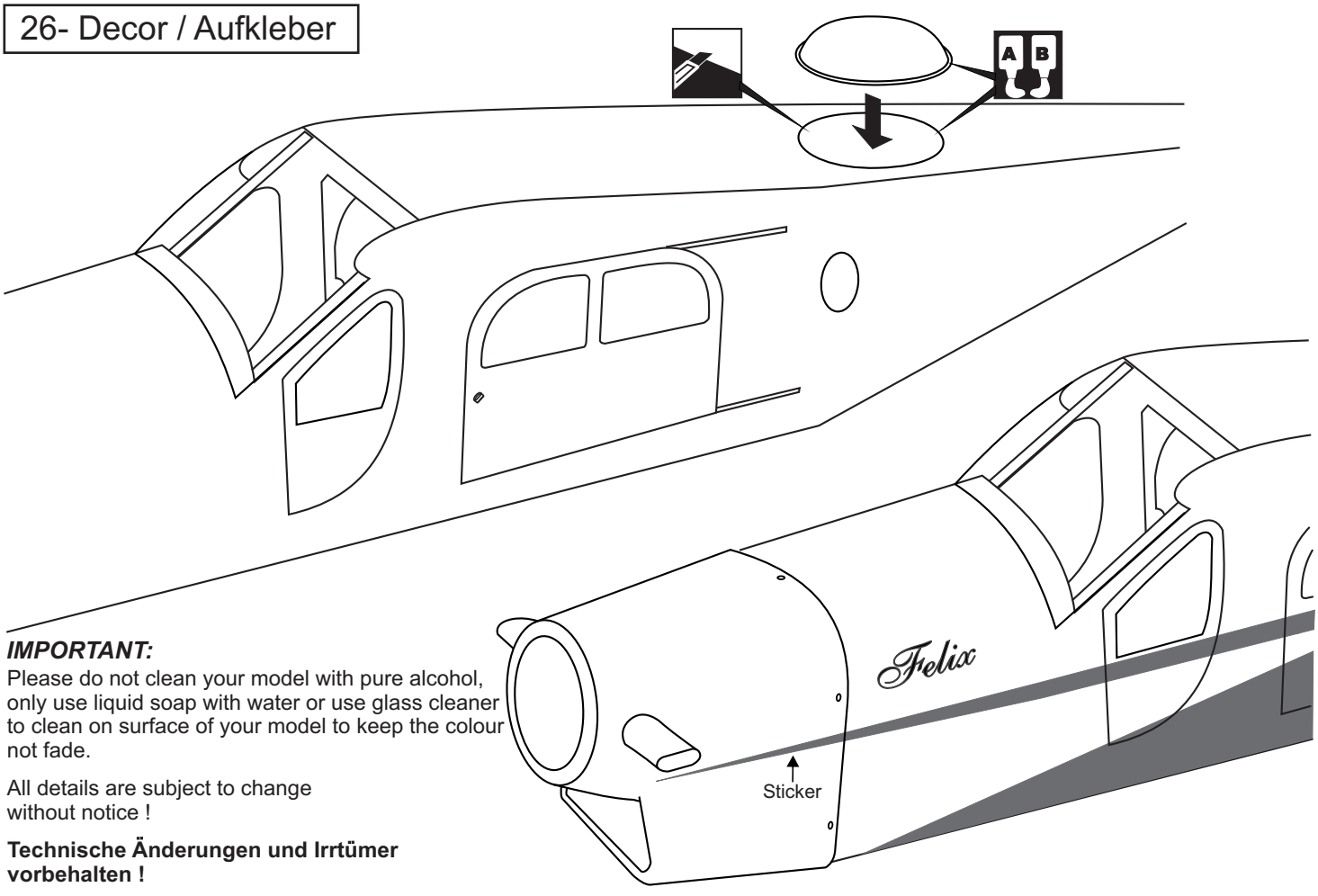
## 25- Door

4mm nylon bolt .....2



Secure the door (left and right side) using the 4x25mm nylon bolt as show.

## 26- Decor / Aufkleber




***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.

All details are subject to change without notice !

**Technische Änderungen und Irrtümer vorbehalten !**