

RADIO CONTROL MODEL / RC FLUGMODELL

SWALLOW



INSTRUCTION MANUAL / MONTAGEANLEITUNG

SPECIFICATION

Wing span approx : 35.8 in.
Length approx : 25.0 in.

TECHNISCHE DATEN

Spannweite : 910mm
Länge : 635mm

**Propulsion Set
Brushless for
Swallow**

C5542

**Antriebsset
Brushless für
Swallow**

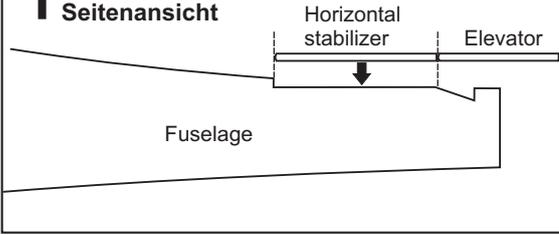
5542

| | | | |
|--|---------------------------|--|---|
| 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 |

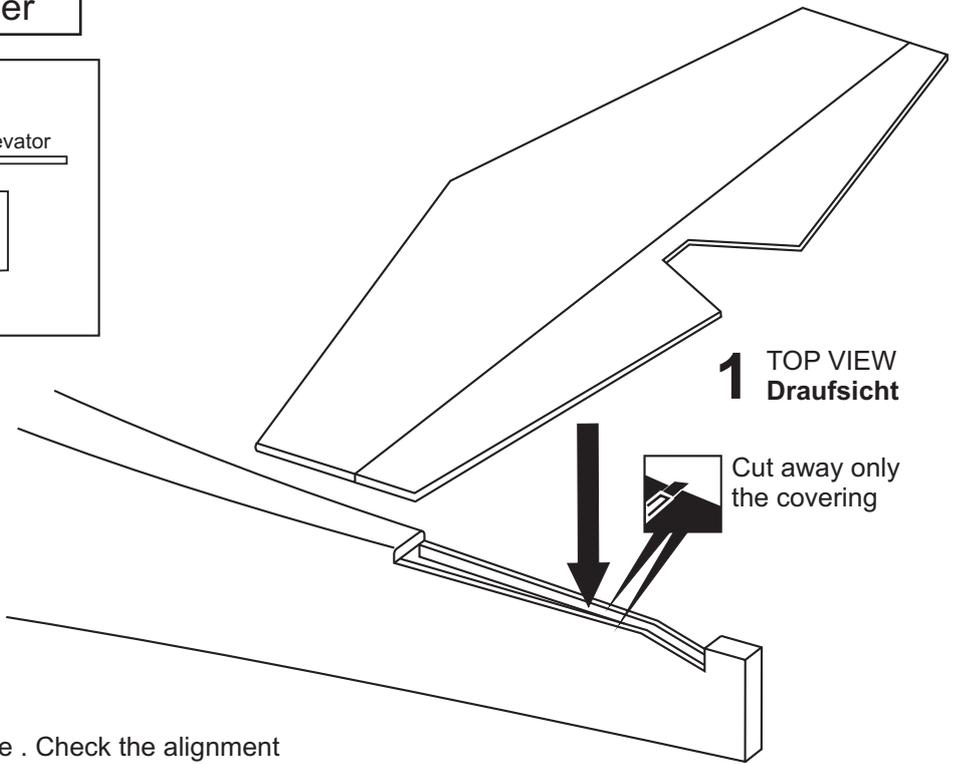
| | | | |
|--|--------------------------|--|--|
| Löcher bohren mit dem angegebenen Bohrer (hier 1,5 mm) | Hier besonders aufpassen | Schraffierte Stellen, Bespannfolie vorsichtig entfernen | Während des Zusammenbaus immer prüfen, ob sich die Teile auch reibungslos bewegen lassen |
| Epoxy-Klebstoff verwenden | Sekundenkleber auftragen | Linke und rechte Seite wird gleichermaßen zusammengebaut | Nicht enthalten. Teile müssen separat gekauft werden. |

1- Horizontal Tail / Höhenruder

1 SIDE-VIEW Seitenansicht



1 TOP VIEW Draufsicht

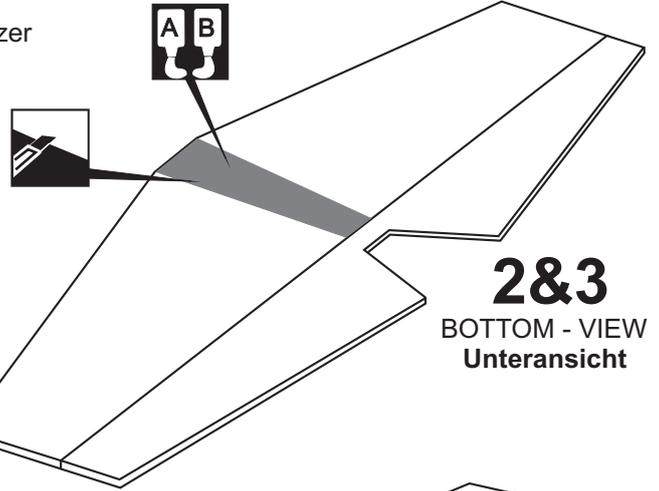


1-Trial fit the horizontal stabilizer in place . Check the alignment of the horizontal stabilizer. When you are satisfied with the alignment, use a pencil to trace around the bottom of the stabilizer where it meets the fuselage.

2-Remove the horizontal stabilizer from the fuselage. Using the sharp hobby knife, carefully cut away the covering inside the lines which were marked above.

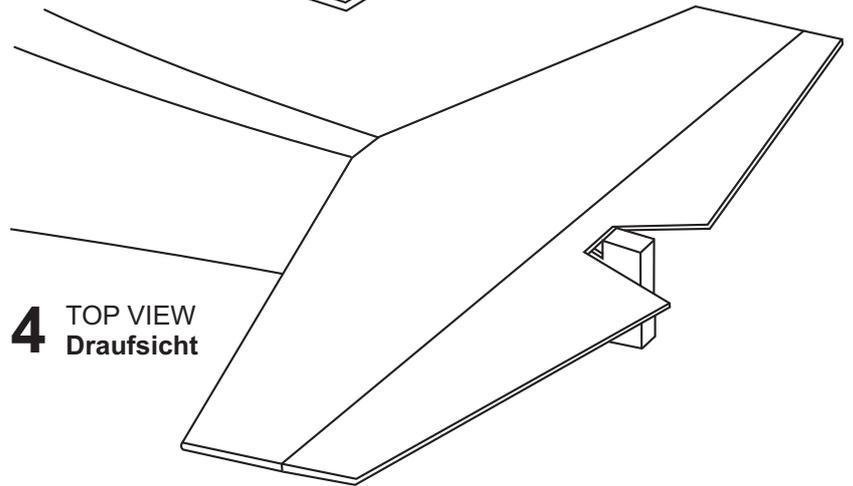
3-Spread epoxy (30 minute) onto the bottom of the horizontal stabilizer along the area where the covering was removed and to the fuselage where the horizontal stabilizer mounts.

4-Install the horizontal stabilizer into the fuselage and adjust the alignment as described in step 1. Allow the epoxy to cure before proceeding to next step.

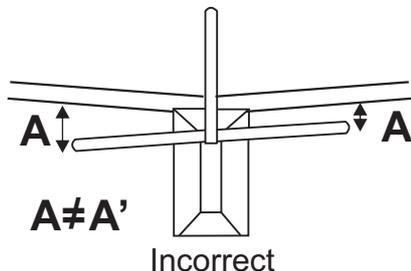
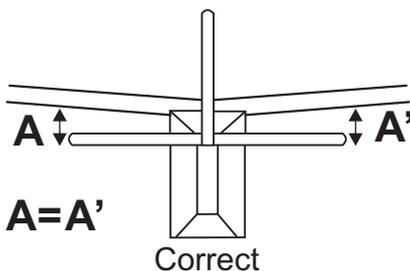


2&3 BOTTOM - VIEW Unteransicht

4 TOP VIEW Draufsicht

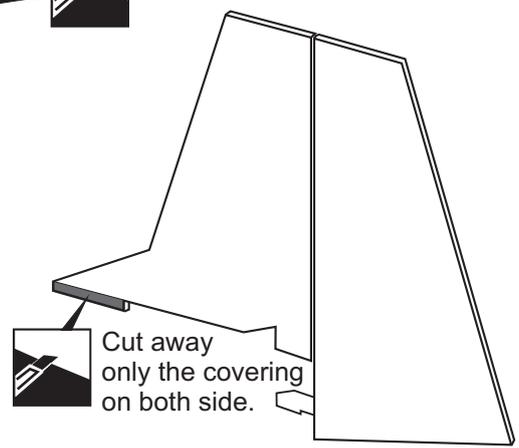
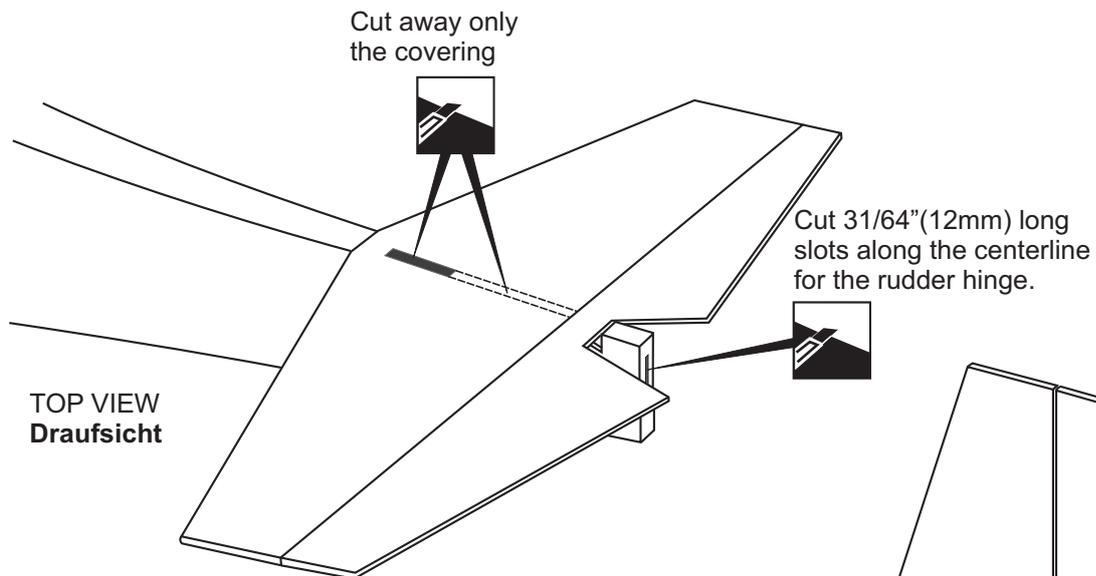


Attach the Horizontal Stabilizer

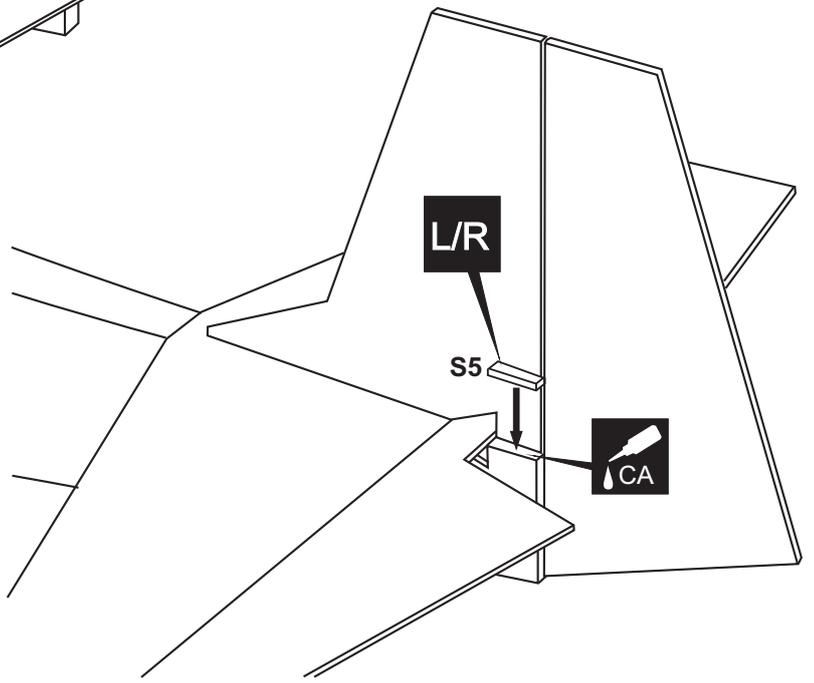
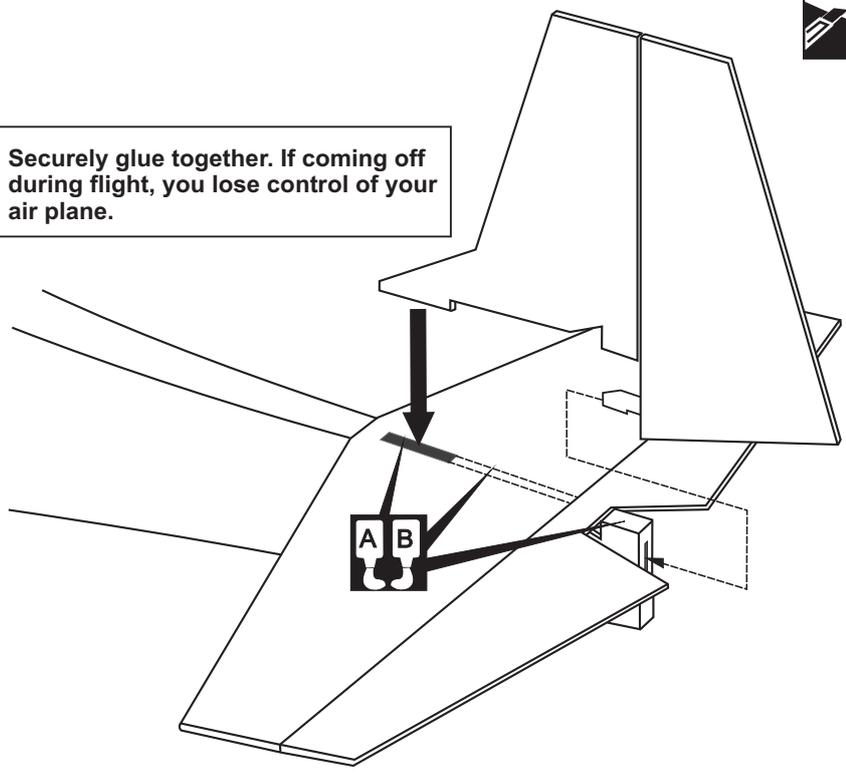


Check the alignment of the horizontal stabilizer by measuring from a fixed point along the center line of the fuselage to the leading edge on each side of the horizontal stabilizer. The distance must be equal on both sides. If not, adjust the stabilizer until the measurements are the same.

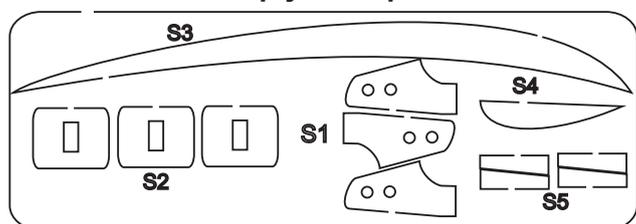
2- Vertical Tail / Seitenruder



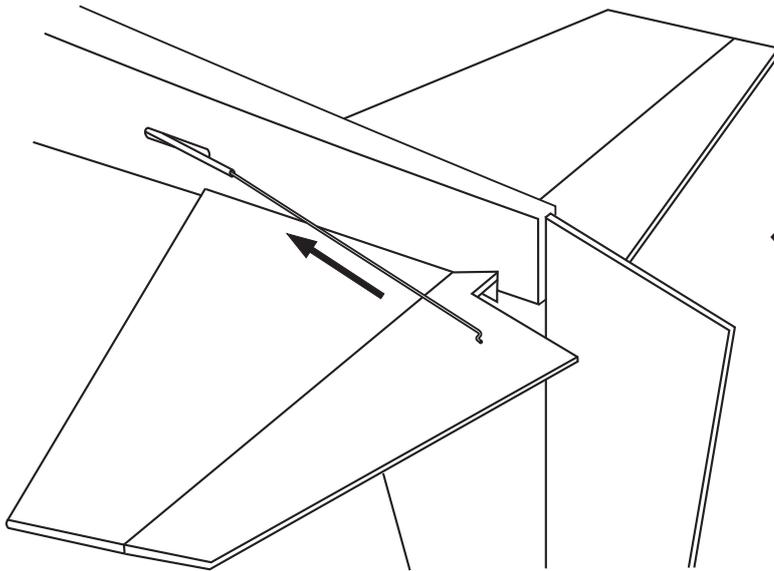
Securely glue together. If coming off during flight, you lose control of your air plane.



2.5mm plywood parts



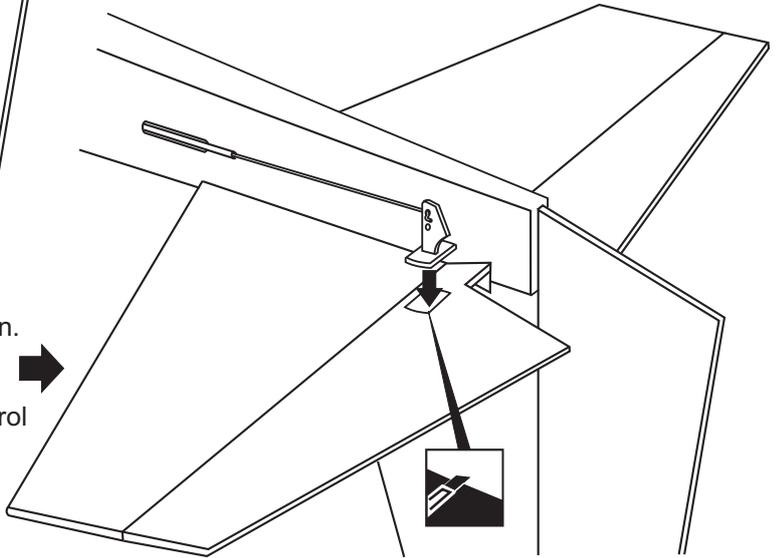
3- Linkage / Ruderanlenkung



BOTTOM - VIEW
Unteransicht

- 1- Push the elevator pushrod into the white nylon pushrod guider.

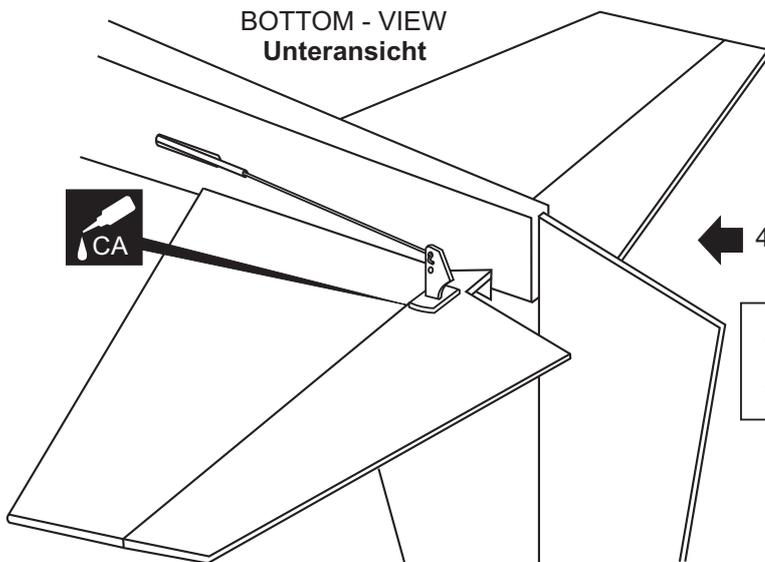
- 2- Insert the elevator pushrod into the elevator control horn.
3- Place the elevator control horn onto the elevator and carefully cut away the covering where the elevator control horn meets the elevator.



BOTTOM - VIEW
Unteransicht

- 4- Secure the elevator control horn in place using CA glue.

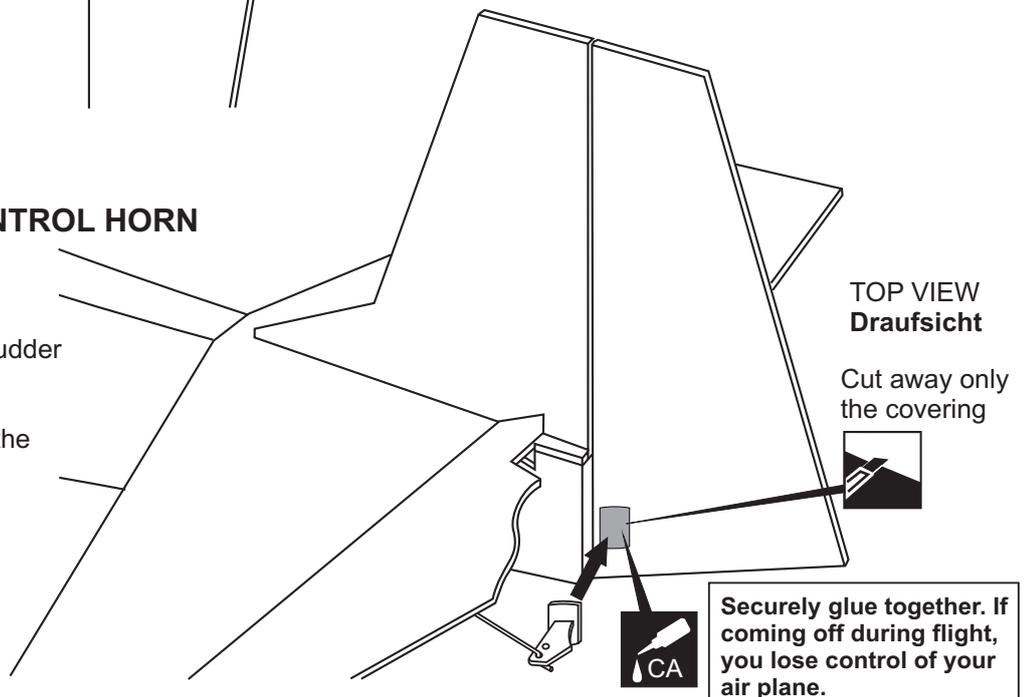
Securely glue together. If coming off during flight, you lose control of your air plane.



BOTTOM - VIEW
Unteransicht

INSTALLATION RUDDER CONTROL HORN

- 1- Push the rudder pushrod into the white nylon pushrod guider.
- 2- Insert the rudder pushrod into the rudder control horn.
- 3- Place the rudder control horn onto the rudder and carefully cut away the covering where the rudder control horn meets the rudder.
- 4- Secure the rudder control horn in place using CA glue.



TOP VIEW
Draufsicht

Cut away only the covering

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

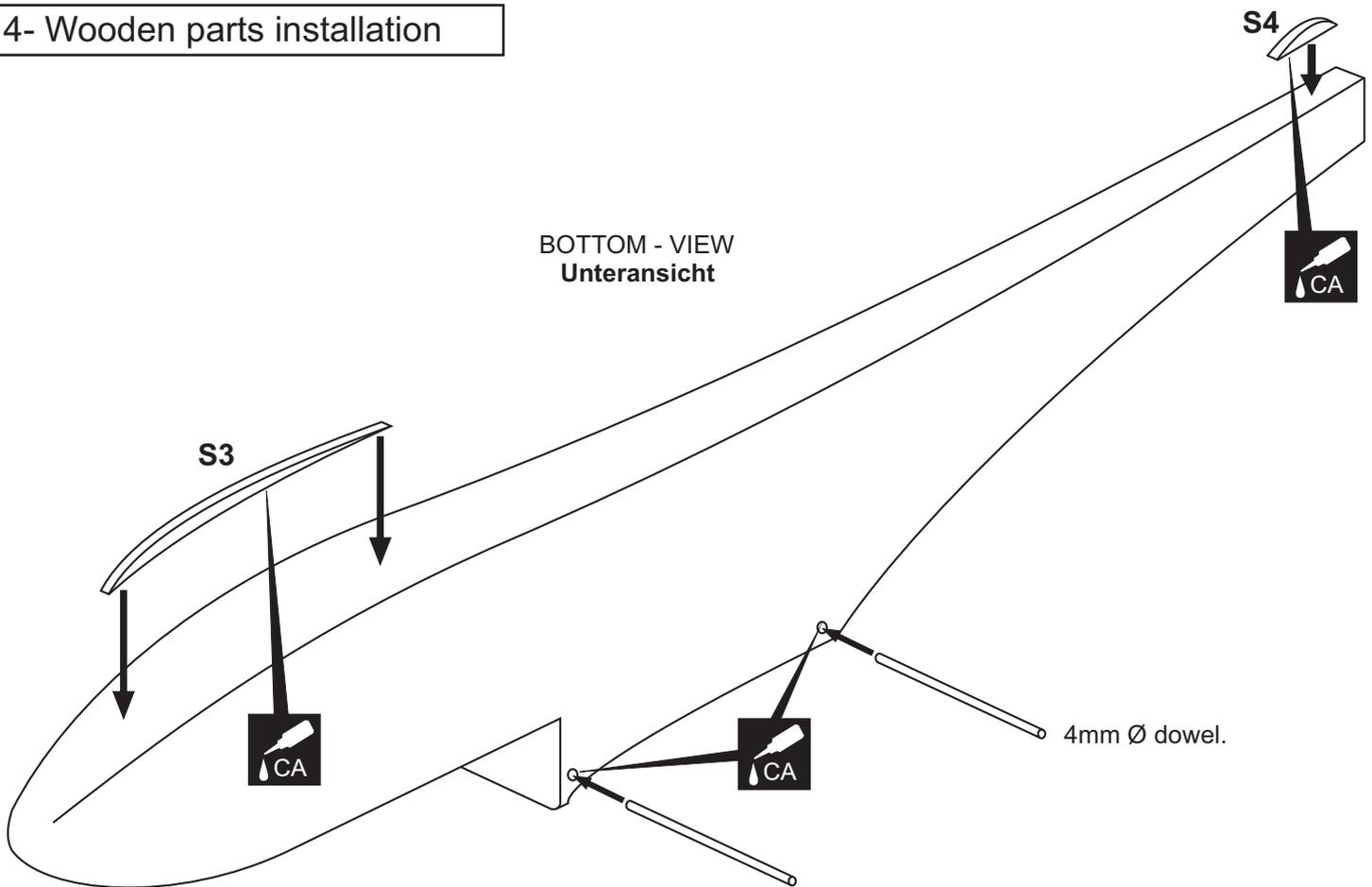
Securely glue together. If coming off during flight, you lose control of your air plane.

S1

S2

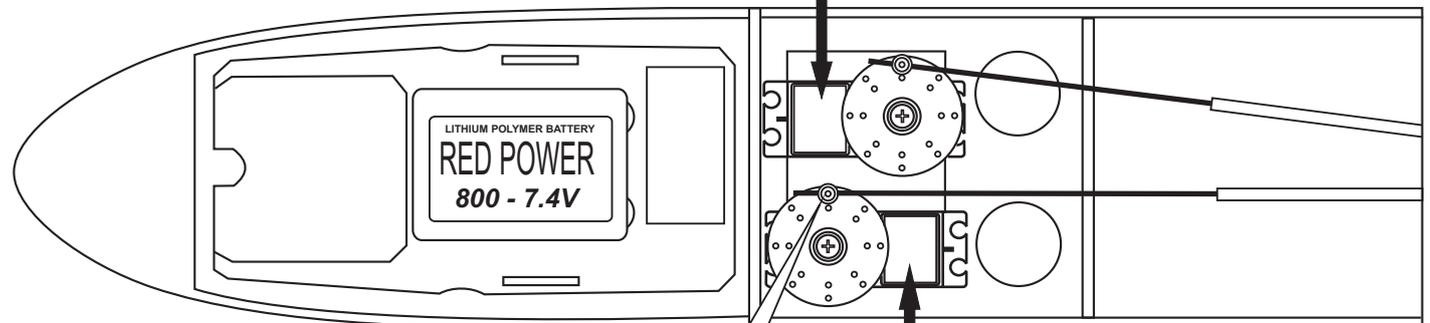
4- Wooden parts installation

BOTTOM - VIEW
Unteransicht

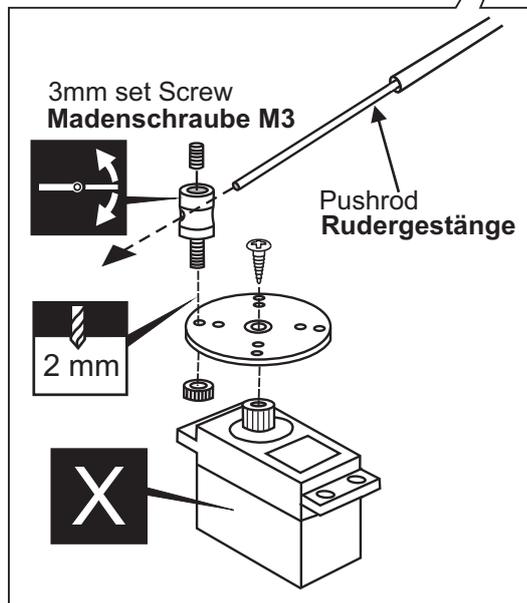


5- Radio installation

Elevator servo
Höhenruderservo



TOP VIEW
Draufsicht



Rudder servo
Seitenruderservo

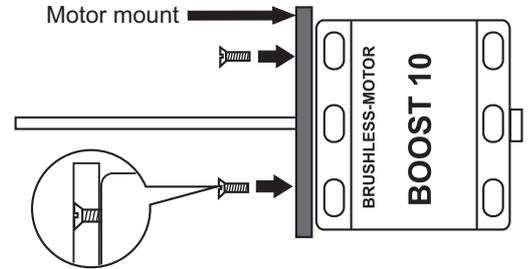
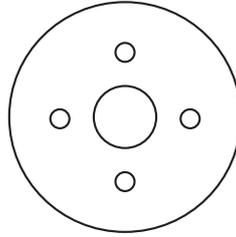
6- Motor installation

1- Insert the Motor mount (3mm plywood) onto the motor. Secure it in place using four screw (included with motor set).

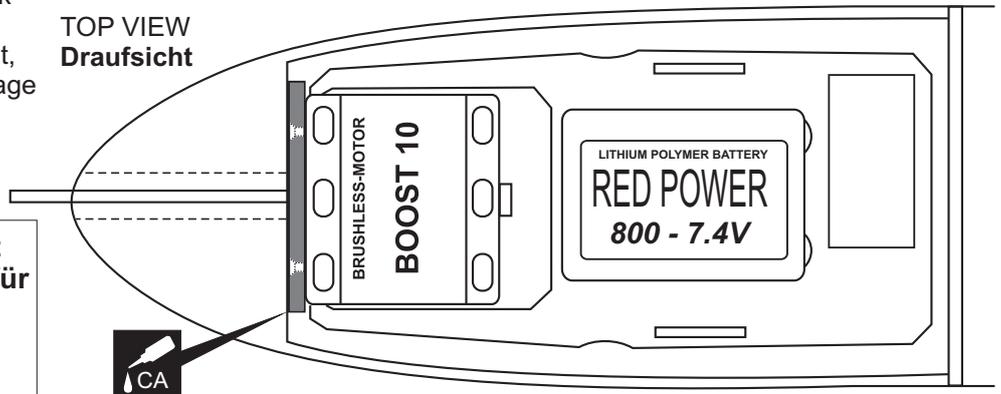
2- Trial fit the Motor in place. Check the alignment of the Motor. When you are satisfied with the alignment, secure the Motor mount with fuselage using CA glue.

Motor mount (3mm plywood)

Motor mount



TOP VIEW
Draufsicht



Propulsion Set
Brushless for
Swallow

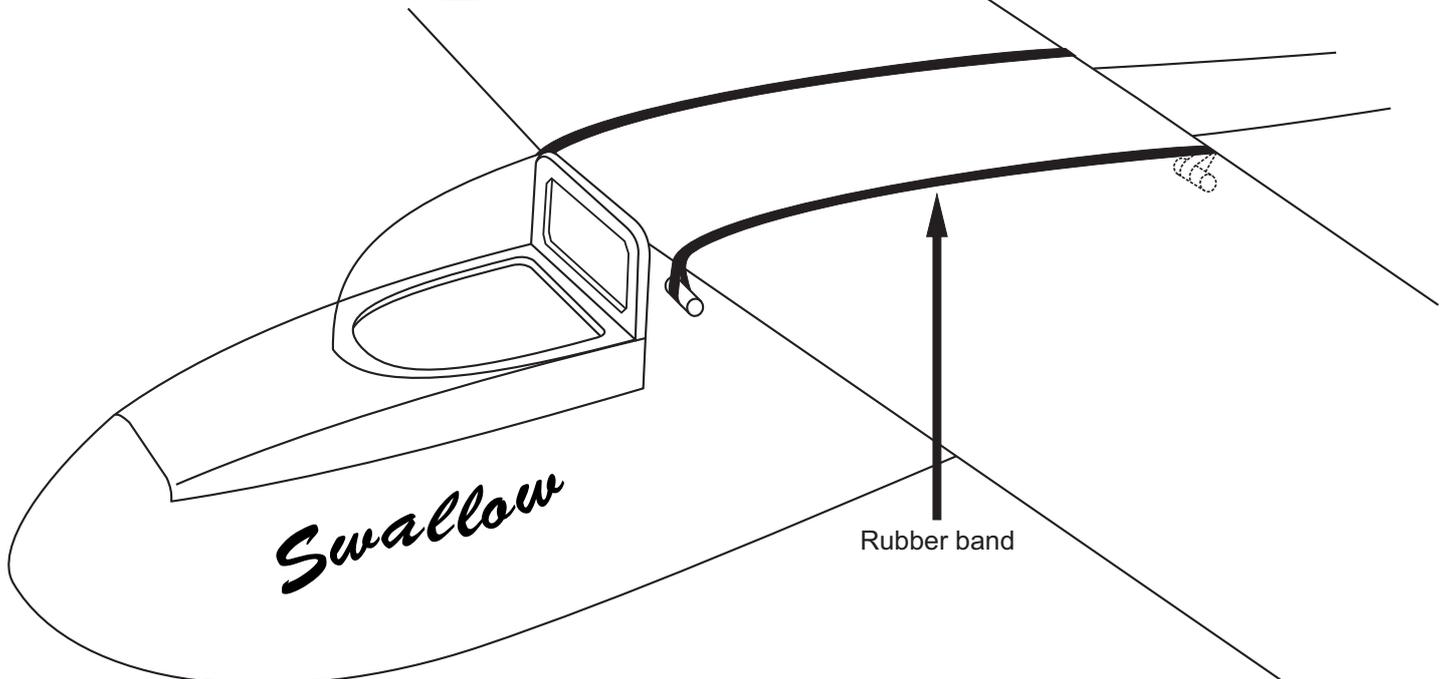
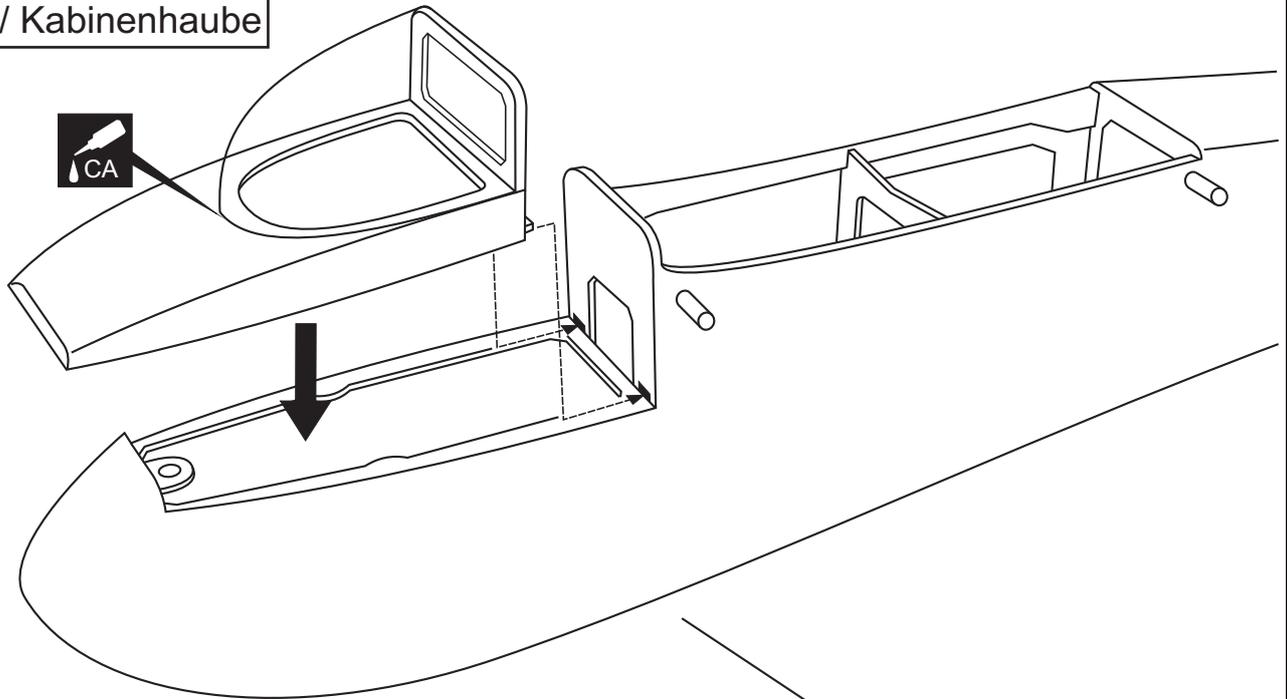
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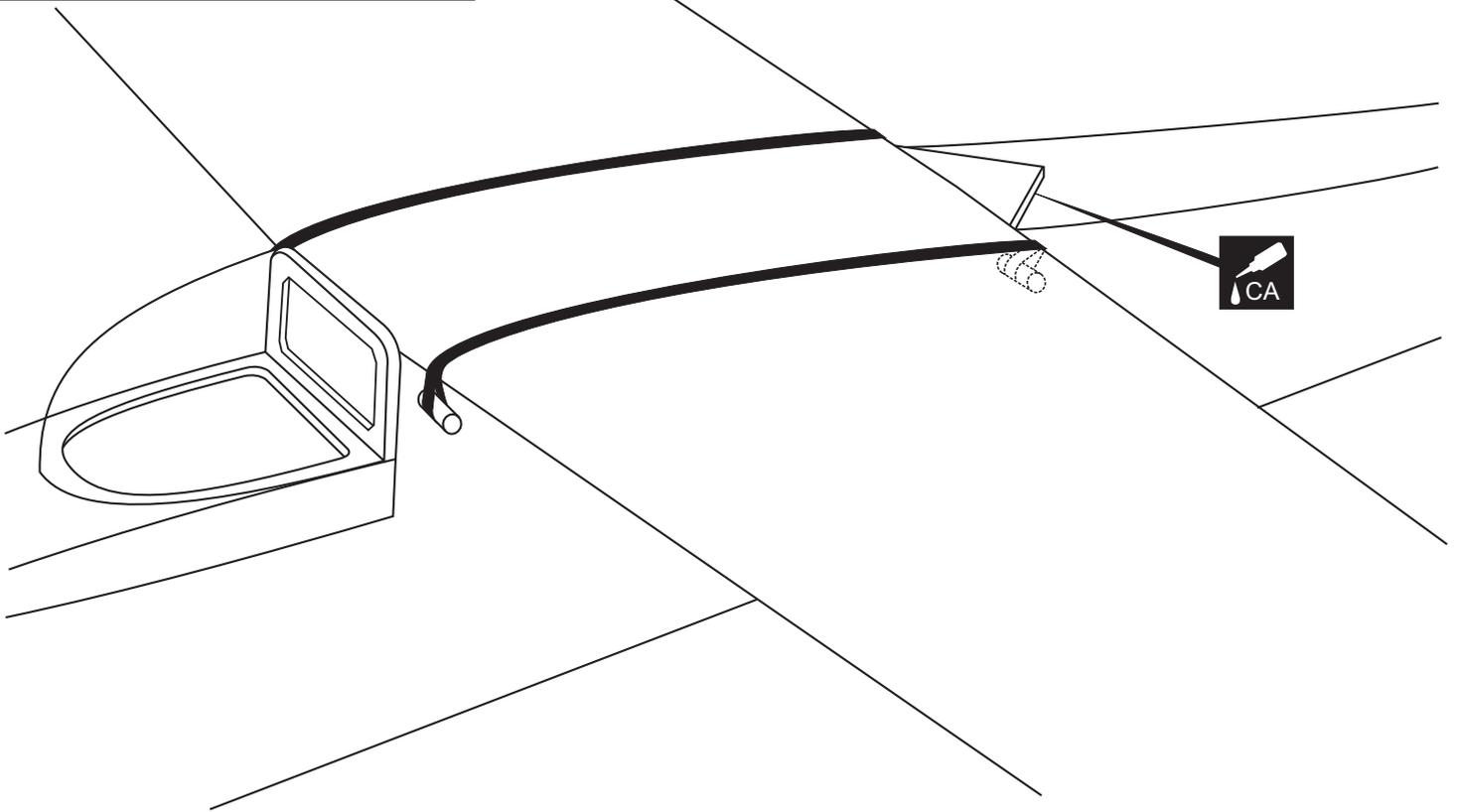


7- Canopy / Kabinenhaube



Rubber band

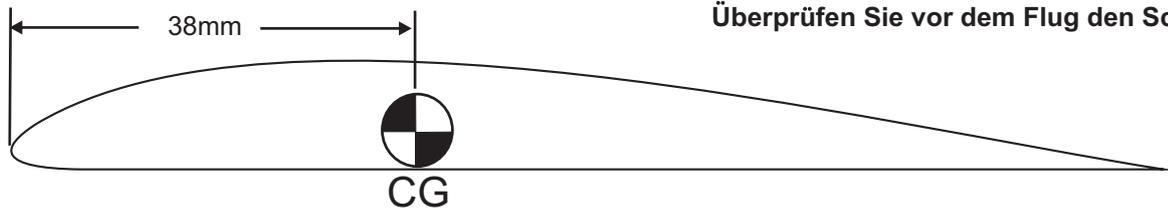
8- Wooden part installation



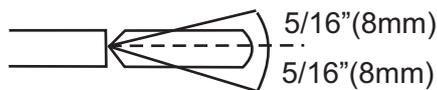
9- Balance / Schwerpunkt

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

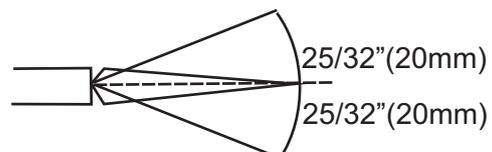
Überprüfen Sie vor dem Flug den Schwerpunkt.



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.



Höhenruderausschlag
ELEVATOR STROKE



Seitenruderausschlag
RUDDER STROKE

TEST GLIDING

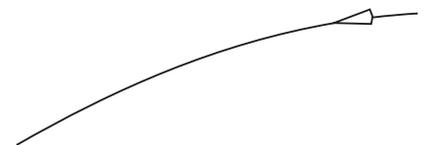
Test glide by launching over long grass to check the trim and stability. The model should always be launched into the wind and only fly in light wind conditions. Adjustments to the flight path can be made by slightly bending the rear edges of the tail surfaces. Deflecting the rear edge of the tailplane down will make the model dive, bending it up will make the nose rise (too much will make the model stall) Bending the rear of the fin will make the model turn or the wing can be "slewed" so that it is not square to fuselage.



Correct glide



Stall - add weight



Dive - remove weight