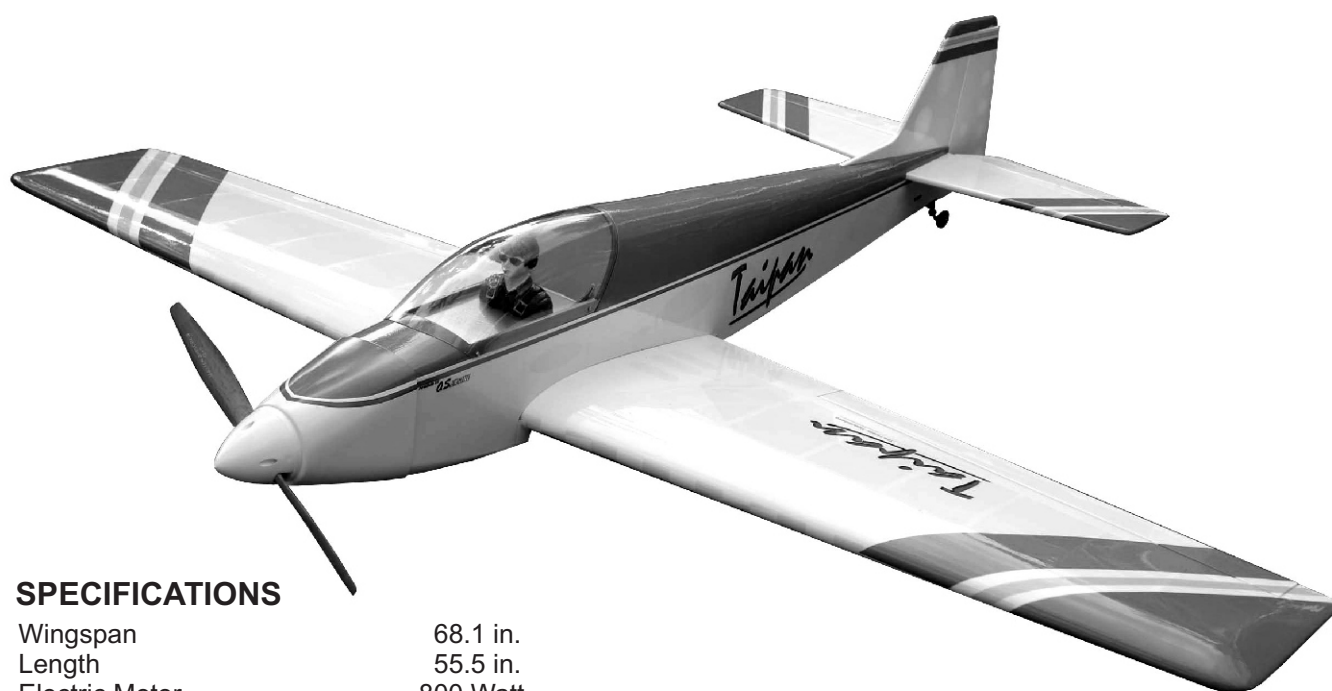


Radio control model / RC Flugmodell

Taipan

INSTRUCTION MANUAL / MONTAGEANLEITUNG



SPECIFICATIONS

Wingspan	68.1 in.
Length	55.5 in.
Electric Motor	800 Watt
Glow Engine	.60 2T / .90cc 4T
Radio	5 Channel / 6 Servos

TECHNISCHE DATEN

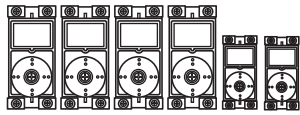
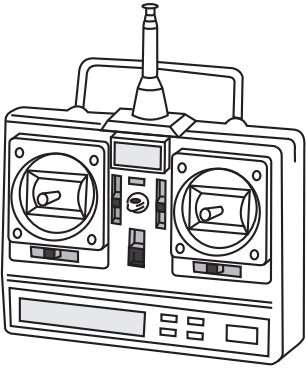
Spannweite	1570mm
Länge	1410mm
Elektroantrieb	800 Watt
Verbrennerantrieb	10cc 2T / 15cc 4T
Fernsteuerung	5 Kanal / 6 Servos



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.

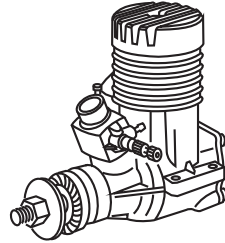
REQUIRED ITEMS / Zum Betrieb wird benötigt



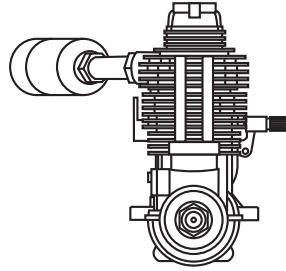
Minimum 5 channel radio for airplane with 6 servos
 Aileron servo x 2.
 Throttle servo x 1.
 Rudder servo x 1.
 Elevator servo x 2 (mini servo).



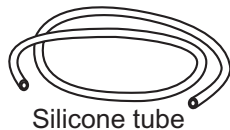
12x6 for .60 - 2 cycle engine
 12x7 for .90 - 4 cycle engine
 13x8 for Brushless Motor



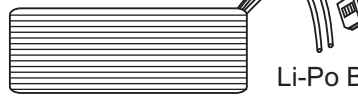
.60 - 2 cycle



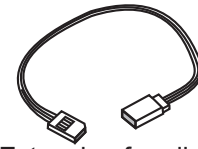
.90 - 4 cycle



Silicone tube



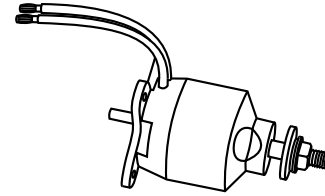
Li-Po Battery, 5000mAh



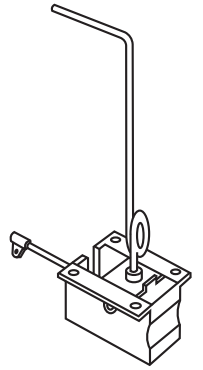
Extension for aileron servo, retract servo.



60A Brushless ESC
 60A Brushless Regler



870Watt Brushless Motor (PULSAR 60)



Retract landing gear VQAR08



Retract servo x1



Linkage Stopper x2 (for retract servo)

GLUE / Klebstoff



Silicon Glue

Cyanoacrylate Glue



CA



EPOXY A



EPOXY B

Epoxy Glue (5 minute and 30 minute type)

TOLLS REQUIRED / Erforderliches Werkzeug

Hobby knife



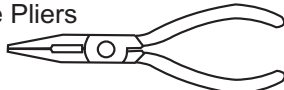
Phillip screw driver



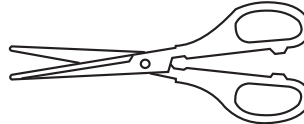
Hex Wrench



Needle nose Pliers



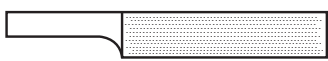
Scissors



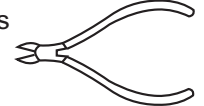
Awl



Sander

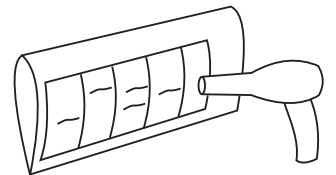


Wire Cutters




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


If exposed to direct sunlight and / or heat, wrinkles 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 Warmluftgebläse (Haartrockner) um evtl. Falten aus der Folie zu bekommen. Die Kanten können Sie mit einem Bügeleisen behandeln. Nicht zuviel Hitze anwenden


Symbols used throughout this instruction manual, comprise / Selbsterklärende Symbole


 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.

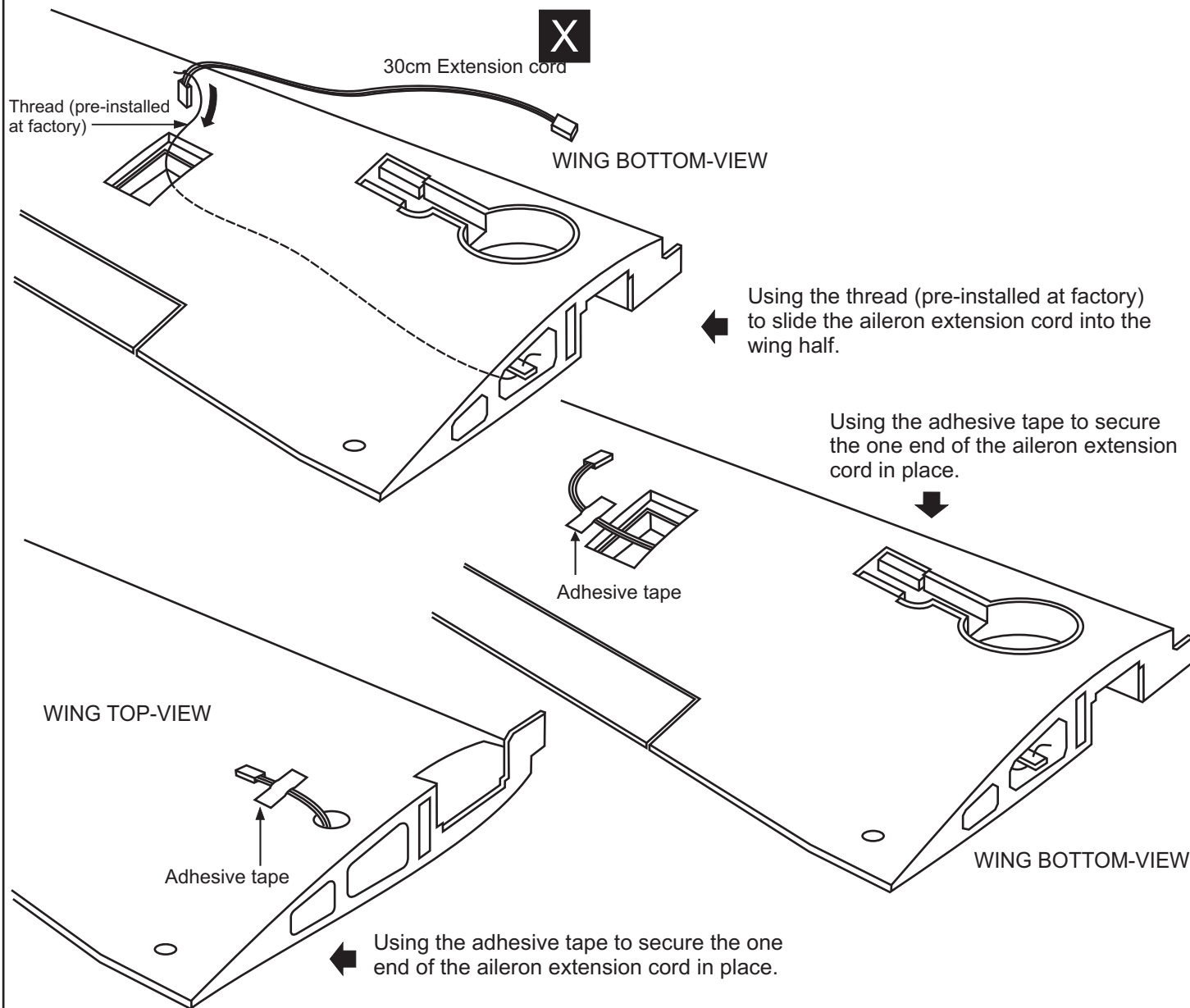
 Not included. These parts must be purchased separately

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"	

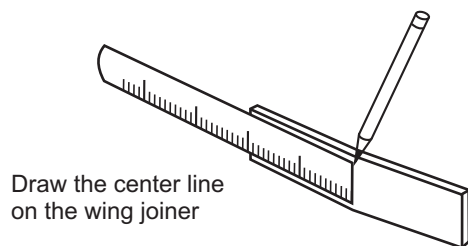
1-Aileron extension cord installation



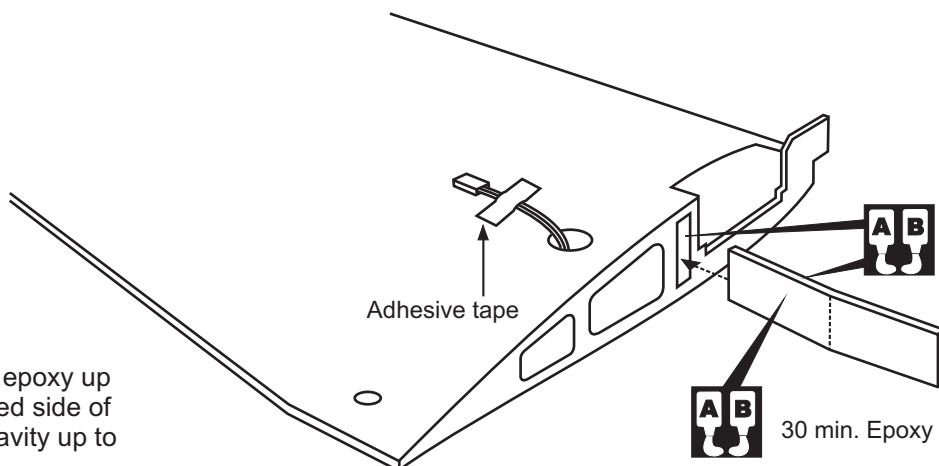
2- Joining the wing

Before gluing:

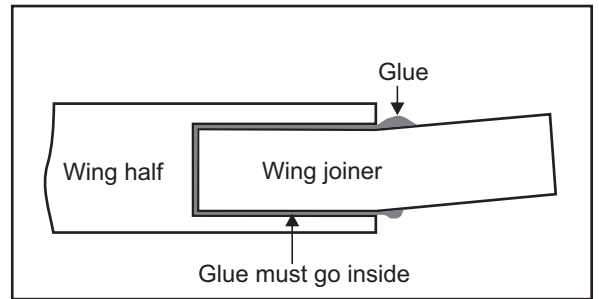
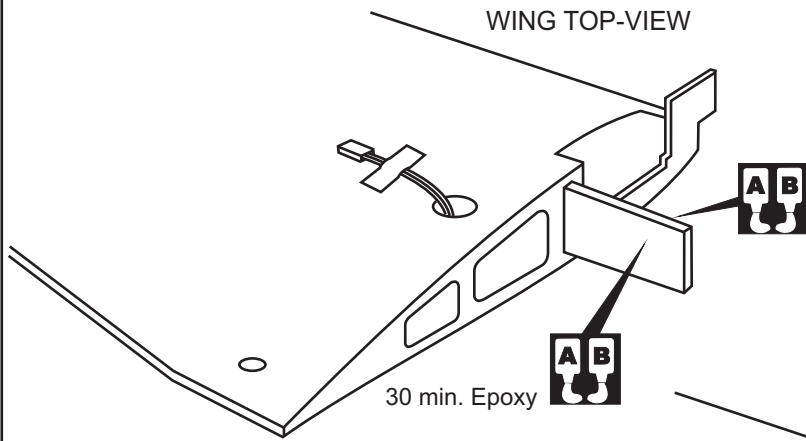
- Draw the center line on the wing joiner.
- Trial fit each part before gluing . Be certain that there are no gaps. If the parts will join, but with a gaps, sand or trim the parts a little at a time until the parts meet exactly with no gaps.
- Check for the correct dihedral angle



Coat one half of the dihedral brace with epoxy up to the center line. Install the epoxy-coated side of the dihedral brace into the wing joiner cavity up to the center line.



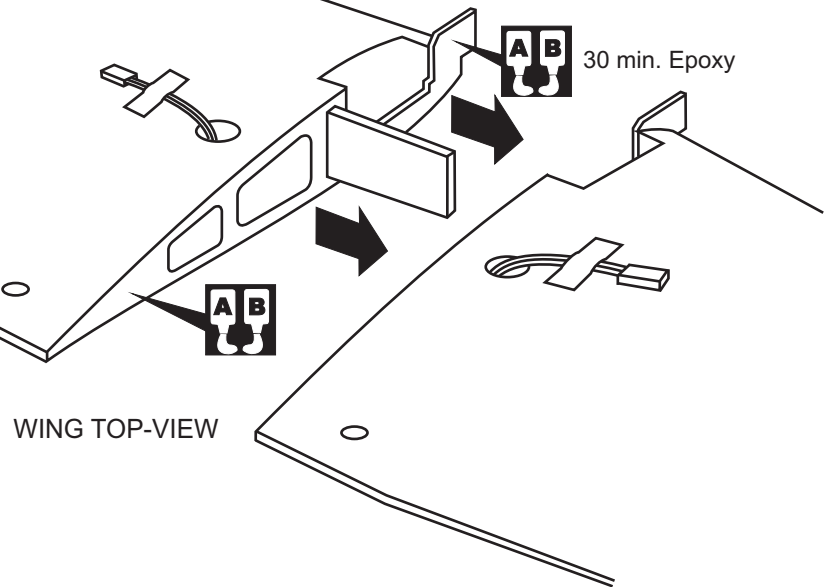
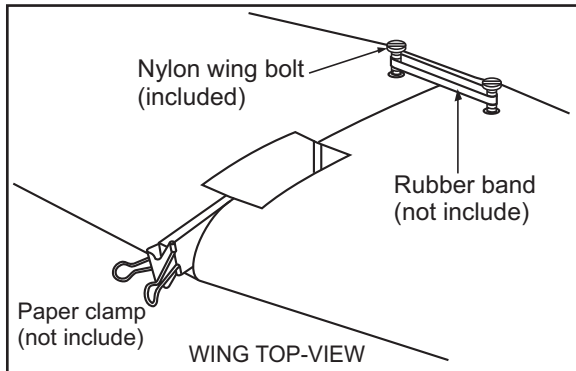
3- Joining the wing



! Make sure to glue securely, If not properly glued, a failure in flight may occur.

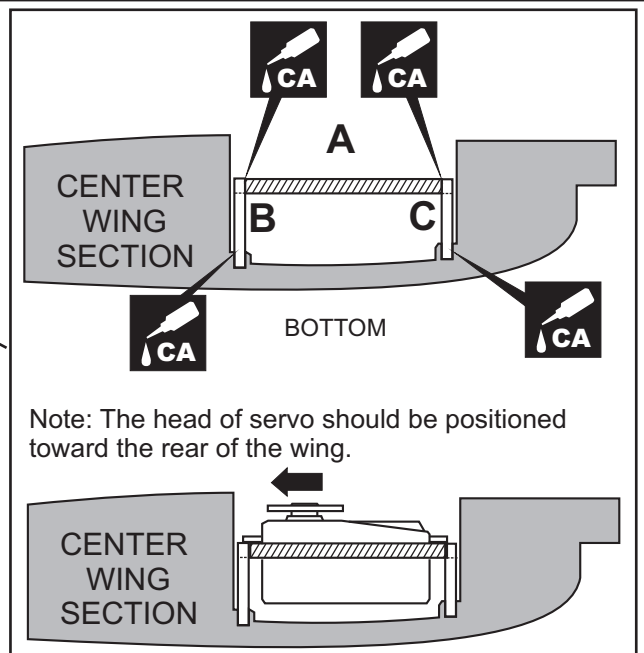
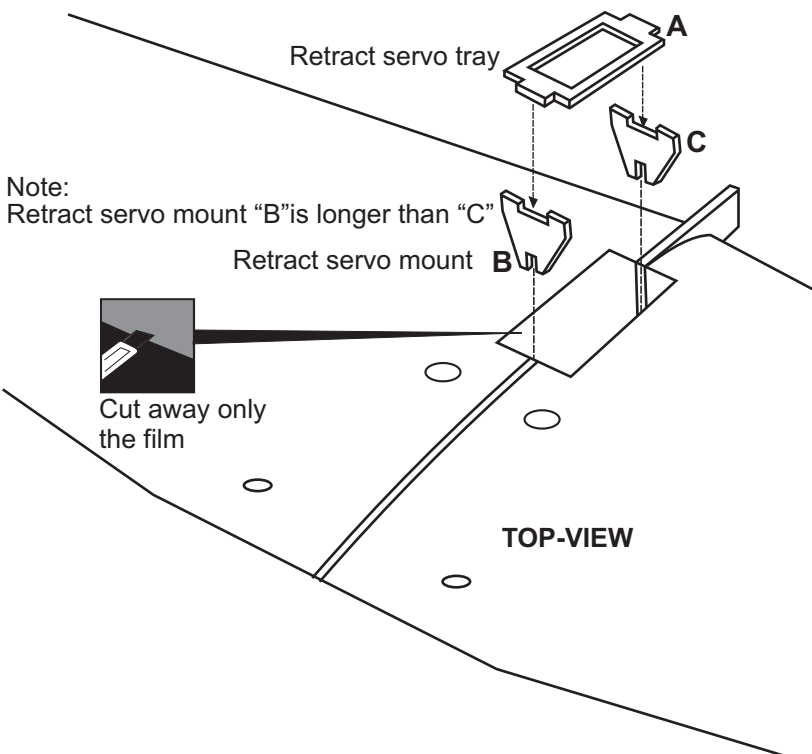
Carefully slide the wing halves together, ensuring that they are accurately aligned. Firmly press the two halves together, allowing the excess epoxy to run out. Note: The two wing halves roots must fit together perfectly. Clear off the excess epoxy.

Hold the wing halves together with paper clamp and rubber band.



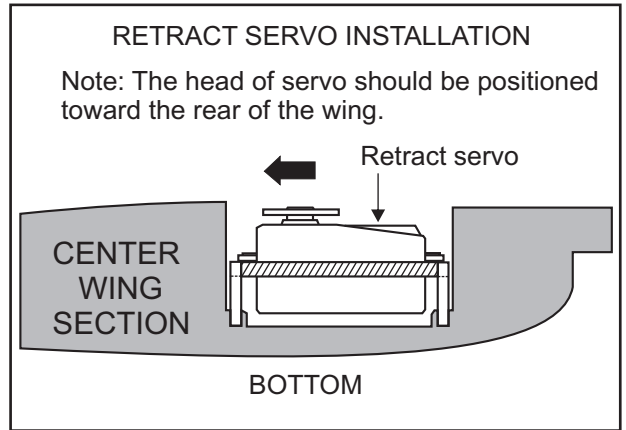
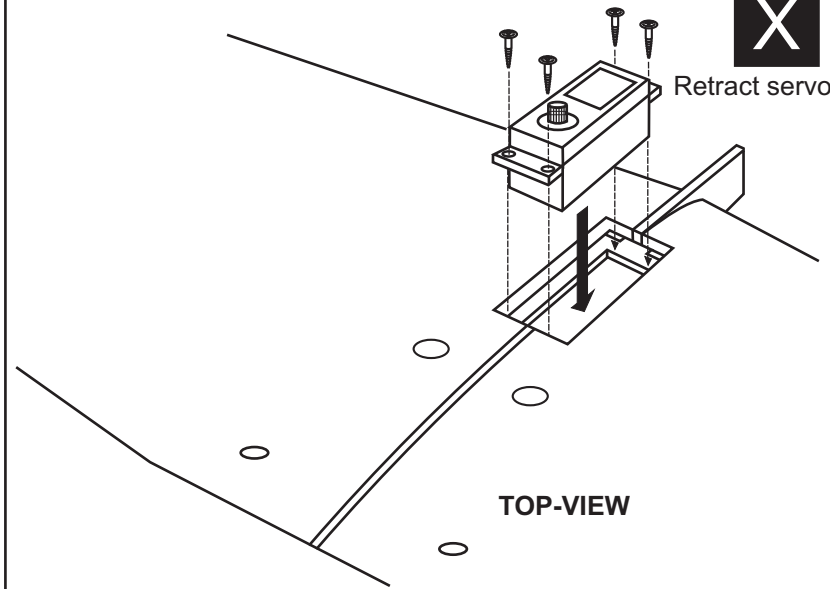
IMPORTANT: Please do not clean off the excess epoxy on the wing with strong solvent or pure alcohol, only use kerosene to keep the colour of your model not fade.

5- Retract servo mount



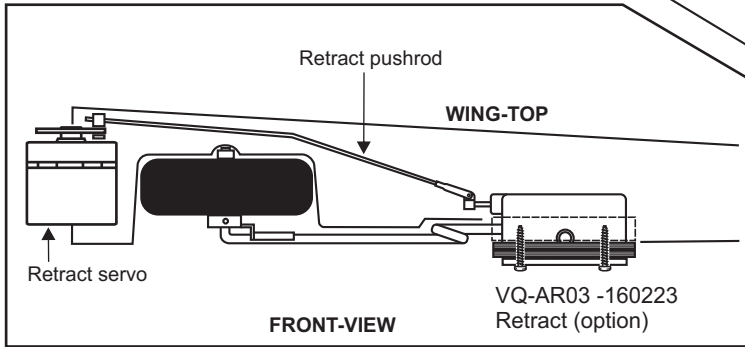
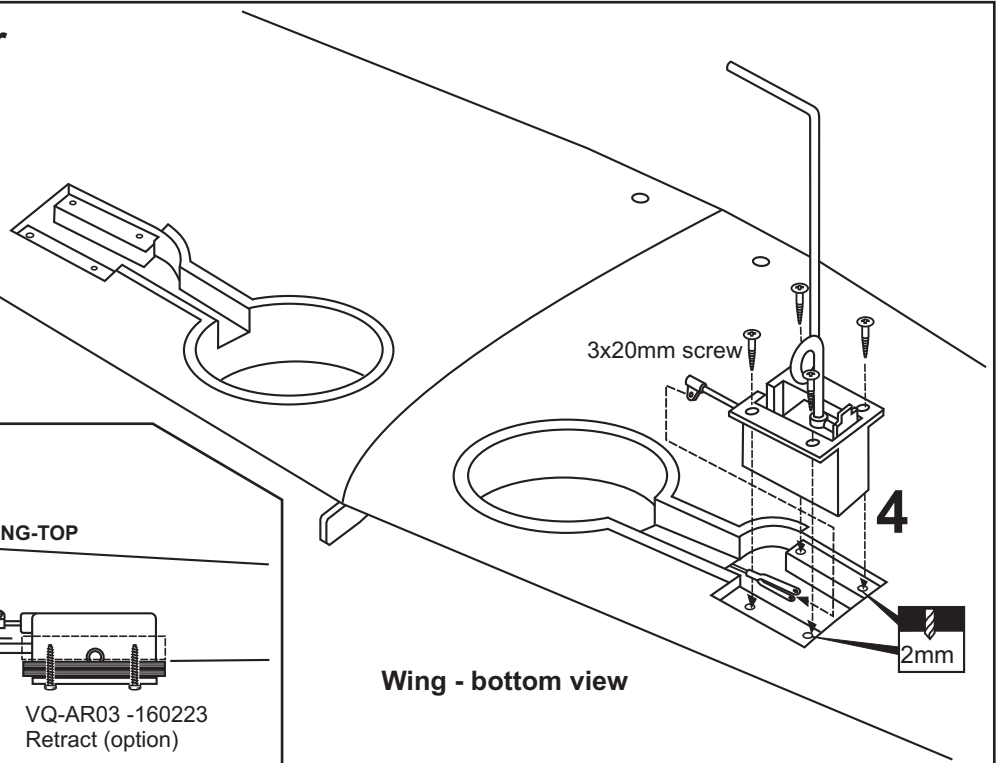
6- Retract servo

Install the retract servo onto the retract servo mount and secure it in place with four screw (included with radio set).

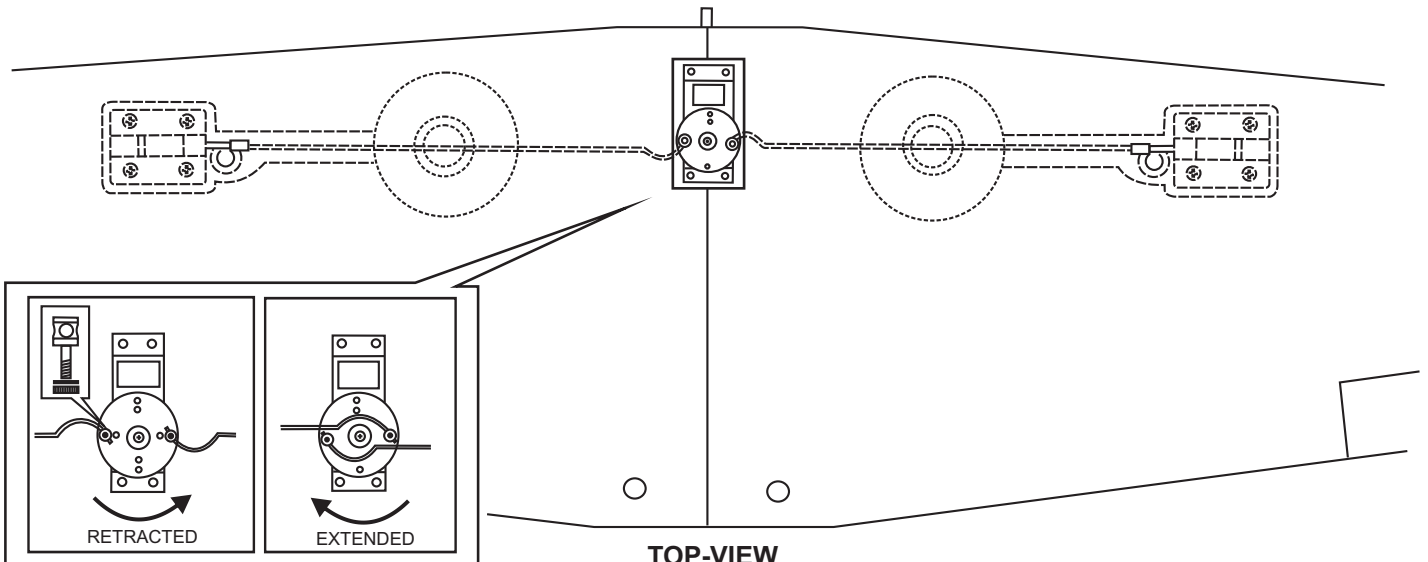


7- Retract landing gear

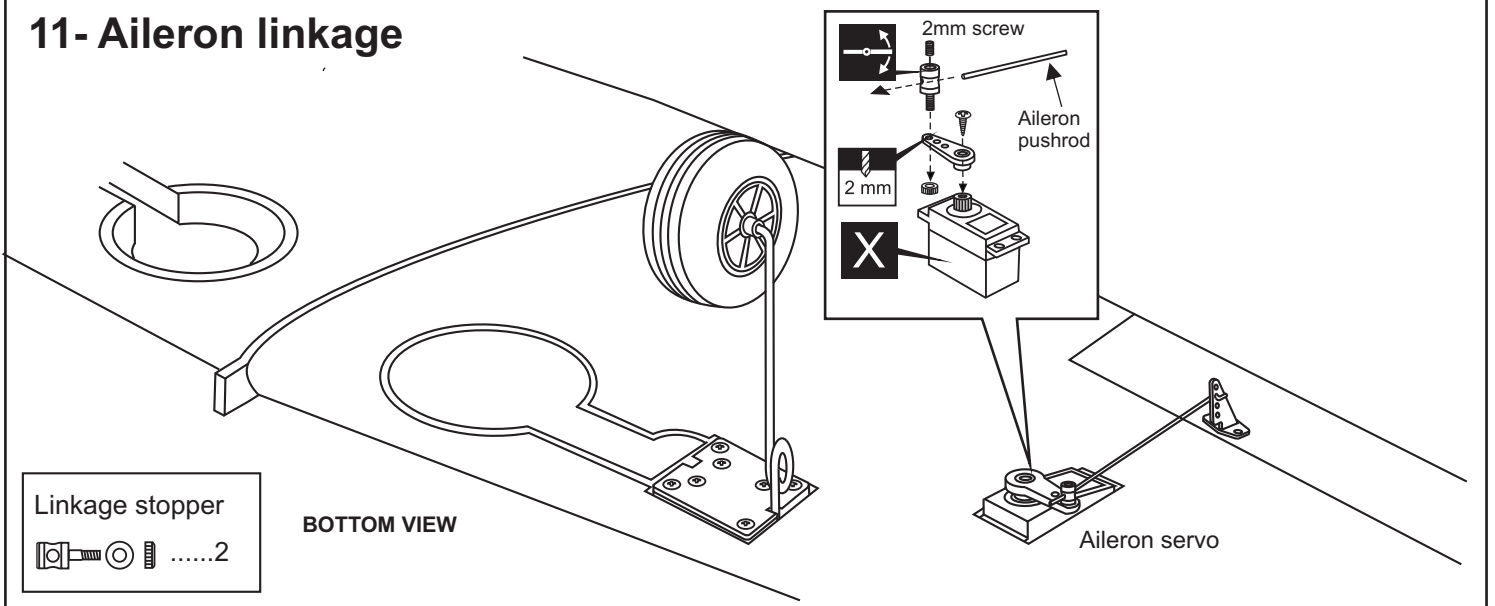
Steel clevis2



7- Retract linkage



11- Aileron linkage



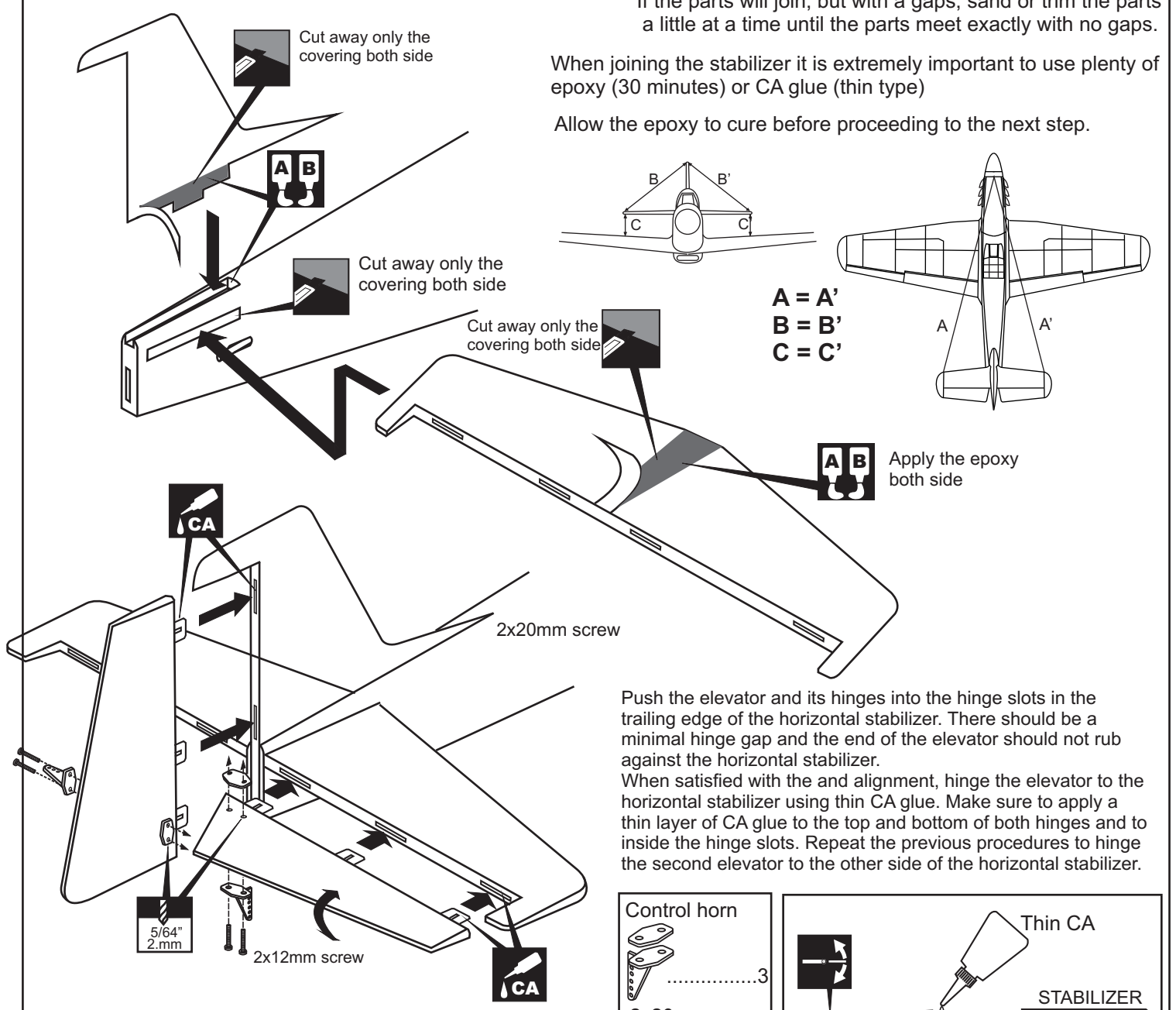
Linkage stopper
2

12- Stabilizer

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.

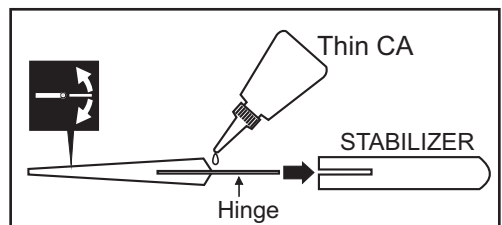
When joining the stabilizer it is extremely important to use plenty of epoxy (30 minutes) or CA glue (thin type)

Allow the epoxy to cure before proceeding to the next step.



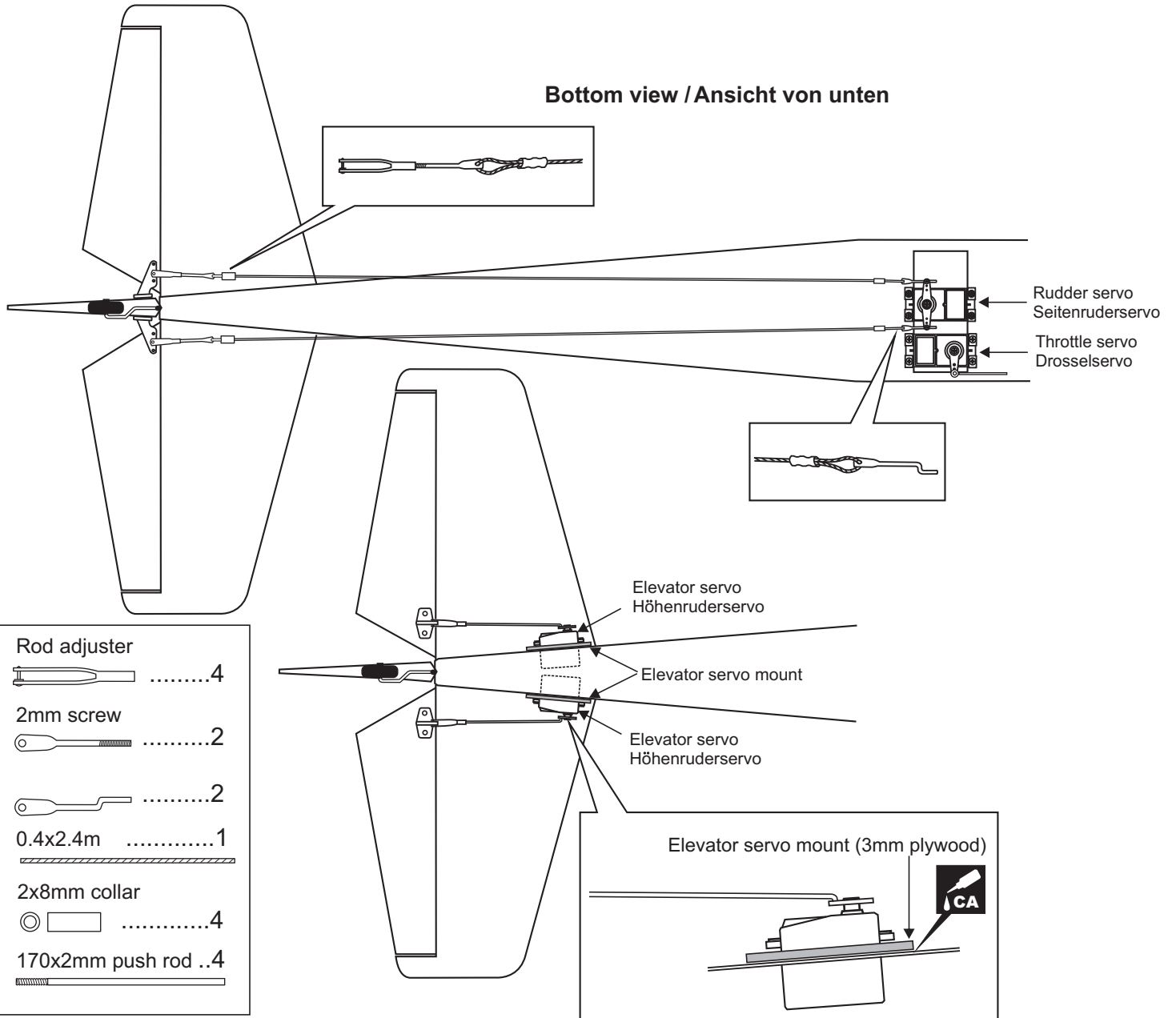
Securely glue together. If coming off during flight, you lose control of your air plane.

- Control horn3
- 2x20mm screw6

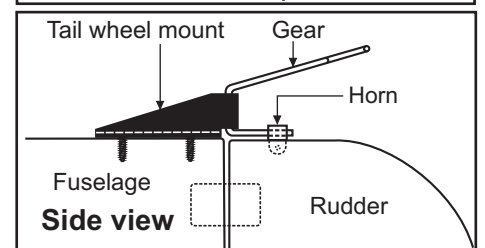
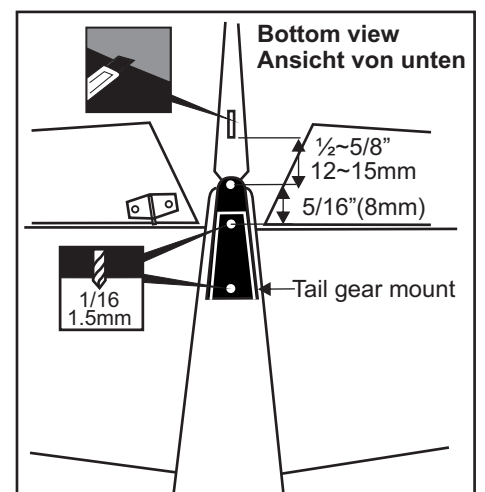
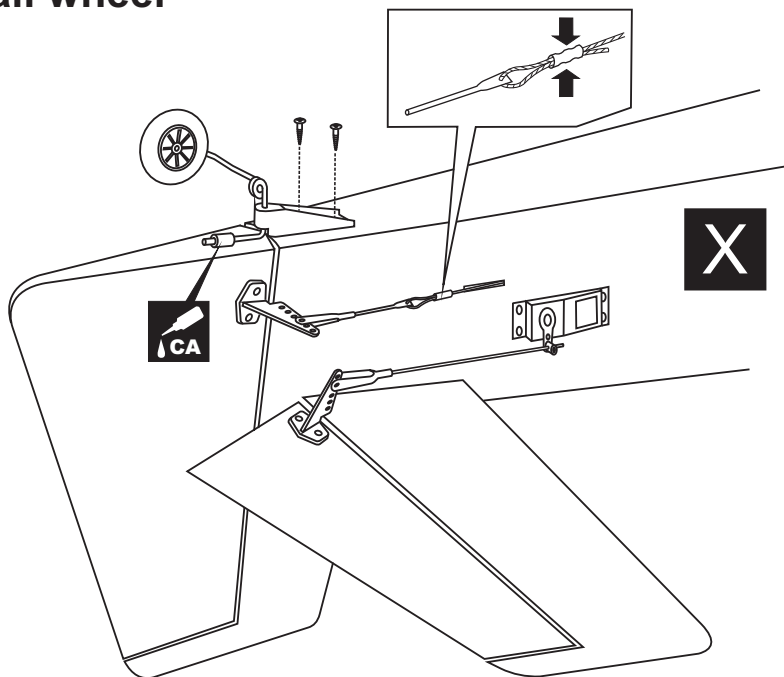


13- Linkages

Bottom view / Ansicht von unten



14- Tail wheel

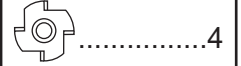


15- Engine mount

4x25mm screw



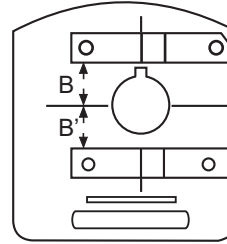
Blind-nut



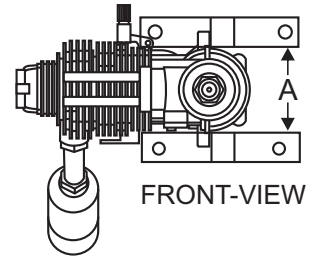
! Align the mark on both mounts with the mark on the fuselage

! Engine thrust on balk head is already adjust at factory

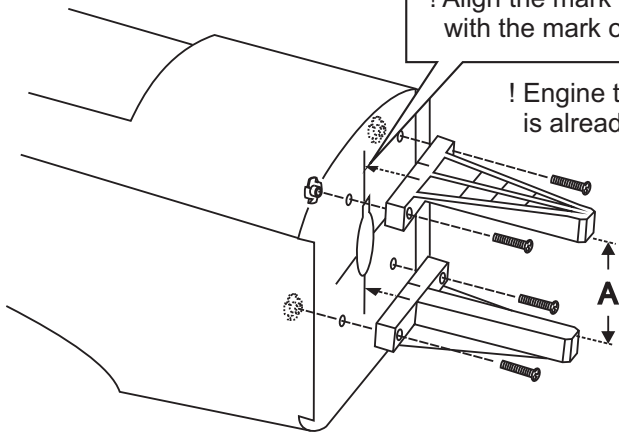
FRONT-VIEW



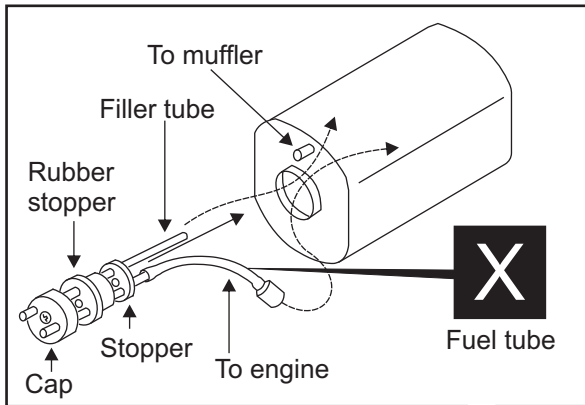
B=B'



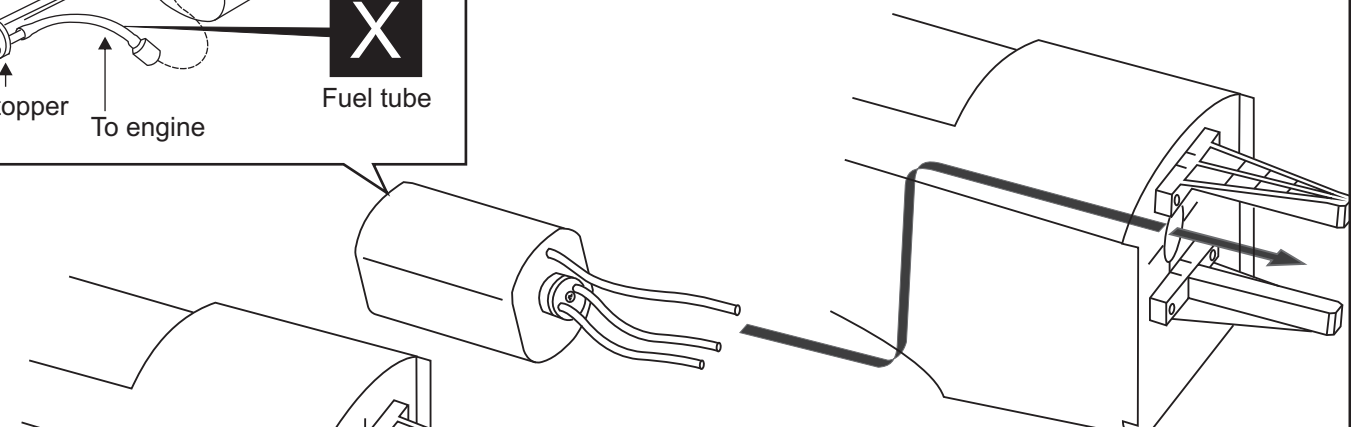
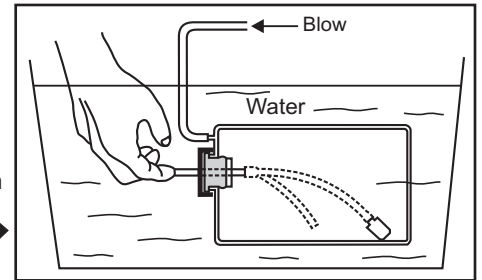
FRONT-VIEW



16- Fuel tank



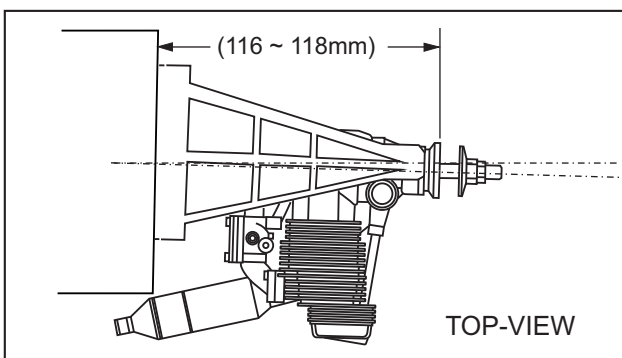
Checking for leaks - block the vents and blow into the feed - if in doubt submersing the tank in a blow of water will show up any problems.



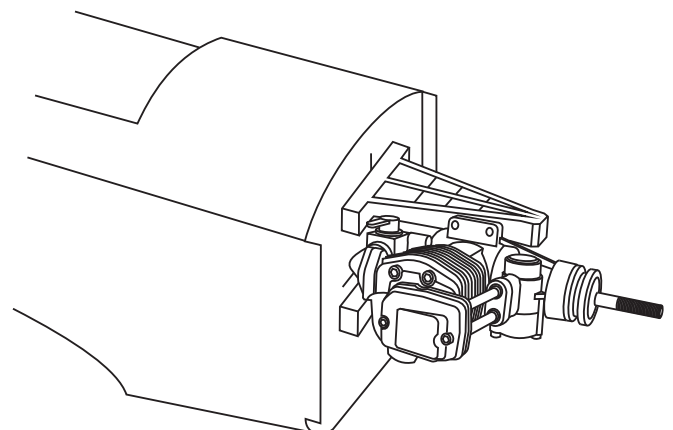
FUEL TANK INSTALLATION

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

(IN CASE OF 2T ENGINE)



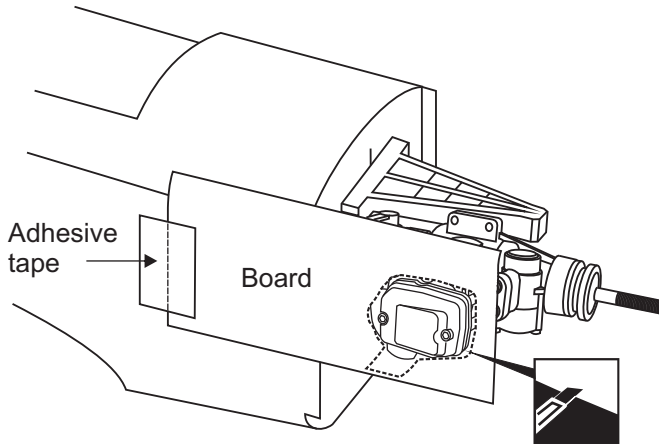
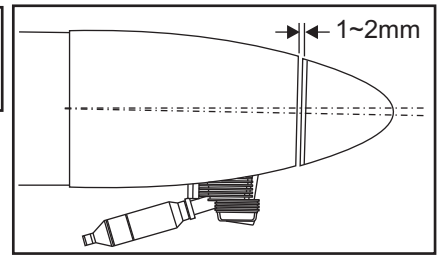
TOP-VIEW



(IN CASE OF 4T ENGINE)

17- Cowling

 2.x5mm.....4

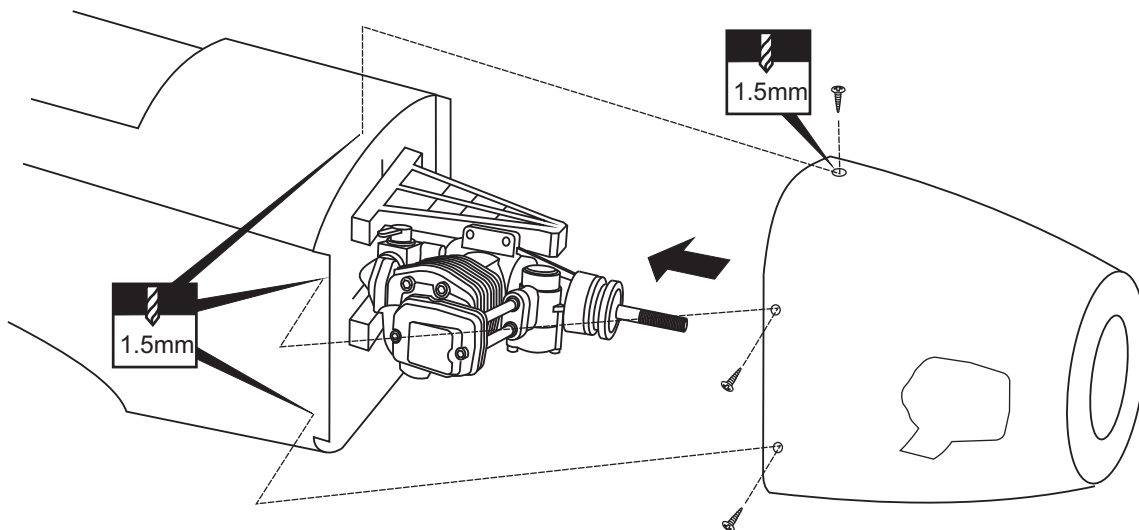
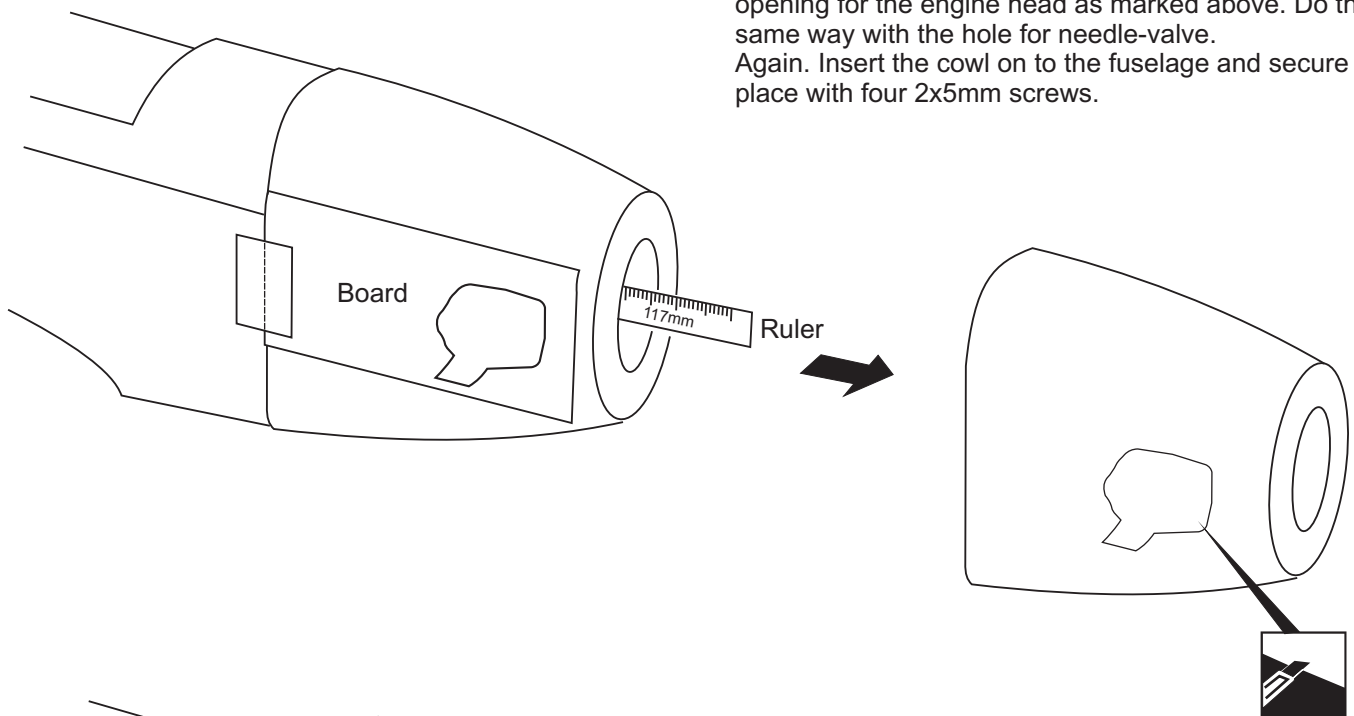


Attach the board or transparent plastic on the side of the fuselage with the adhesive tape as show. Using a pencil or felt tipped pen trace around the engine head where it meet the cowl. Cut the opening the board or transparent plastic for the engine head as marked above.

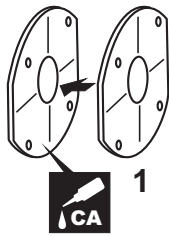
Remove the engine and insert the cowl on to the fuselage so the distance from the fire wall to the front of the cowl is 116 to 118mm .

Remove the cowl from the fuselage and carefully cut the opening for the engine head as marked above. Do the same way with the hole for needle-valve.

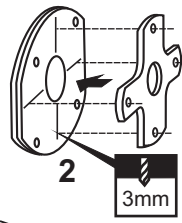
Again. Insert the cowl on to the fuselage and secure it in place with four 2x5mm screws.



18- Electric Motor



1



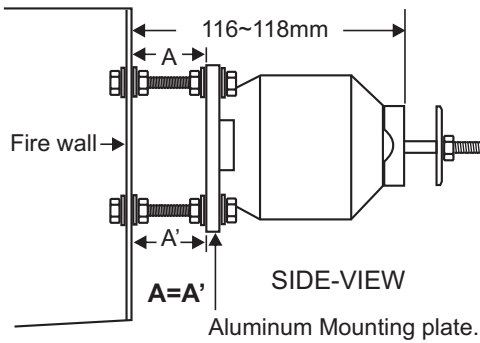
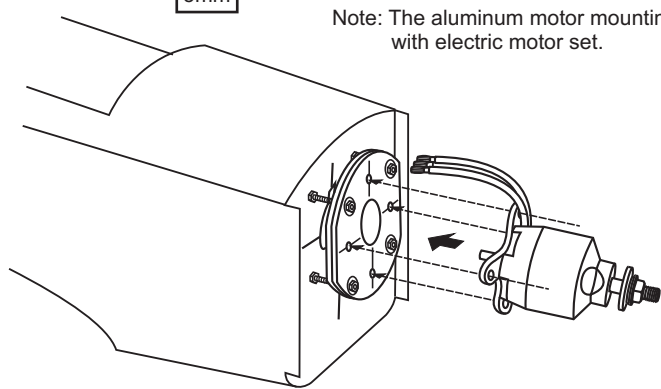
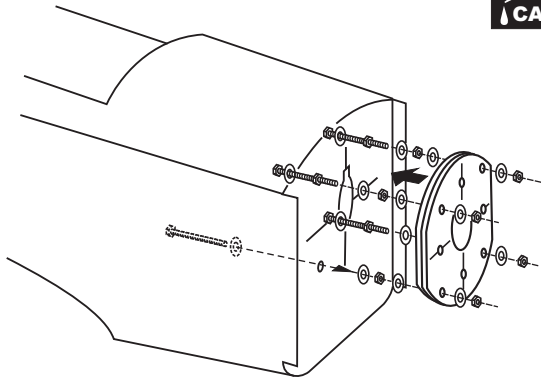
2

3mm

Using a aluminum motor mounting plate as a template, mark the plywood motor mounting plate where the four holes are to be drilled (2).

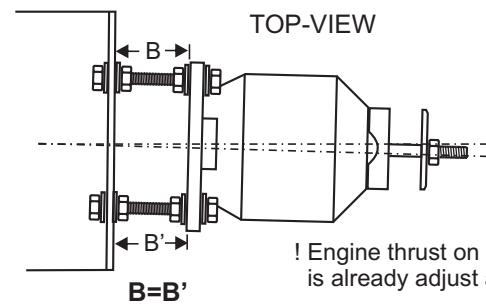
Remove the aluminum motor mounting plate and drill a 1/8"(3mm) hole through the plywood at each of the four marks marked .

Note: The aluminum motor mounting included with electric motor set.



SIDE-VIEW

Aluminum Mounting plate.



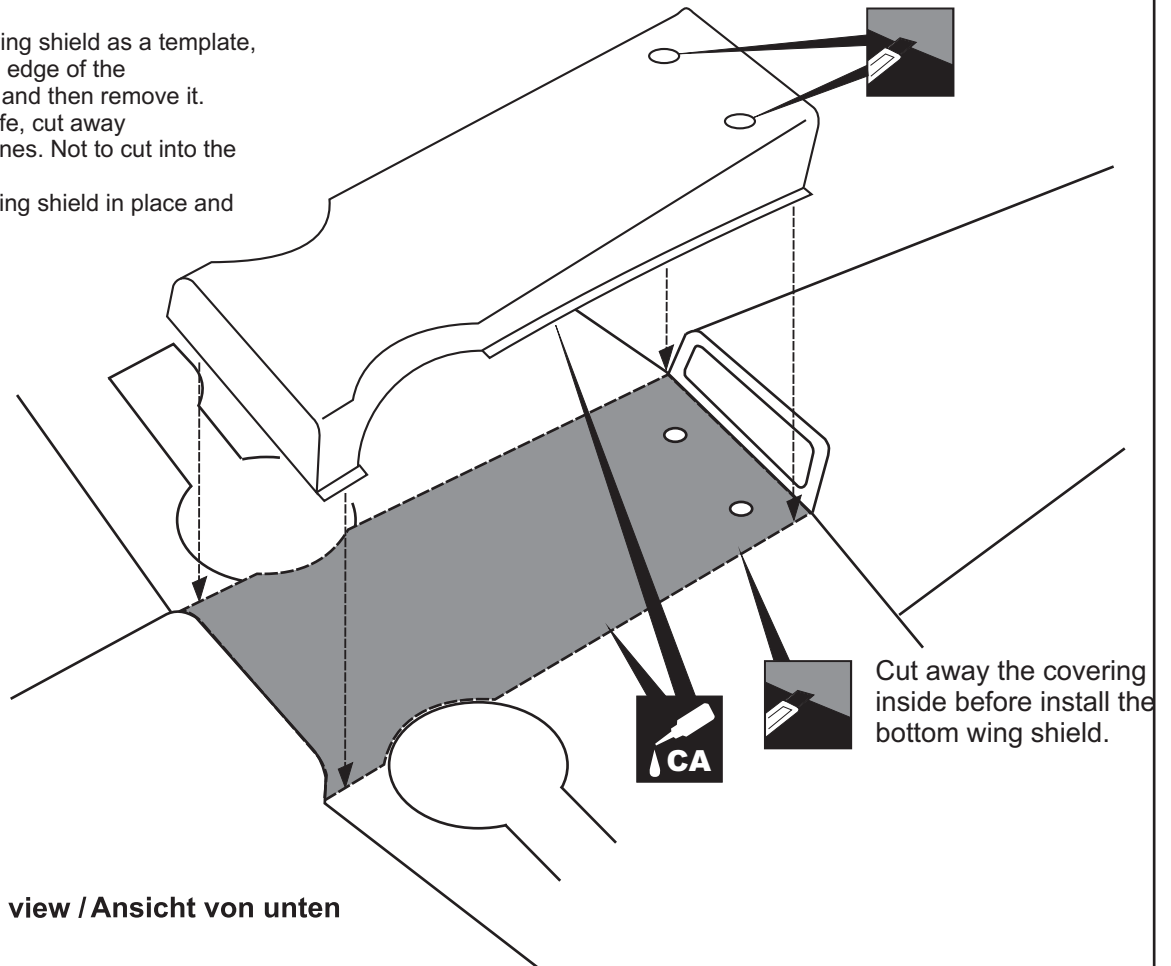
TOP-VIEW

B=B'

! Engine thrust on balk head is already adjust at factory

19- Wing shield

Using the ABS bottom wing shield as a template, trace around the outside edge of the ABS bottom wing shield and then remove it. Using a sharp hobby knife, cut away the covering inside the lines. Not to cut into the wood. Apply the ABS bottom wing shield in place and secure it with CA glue.

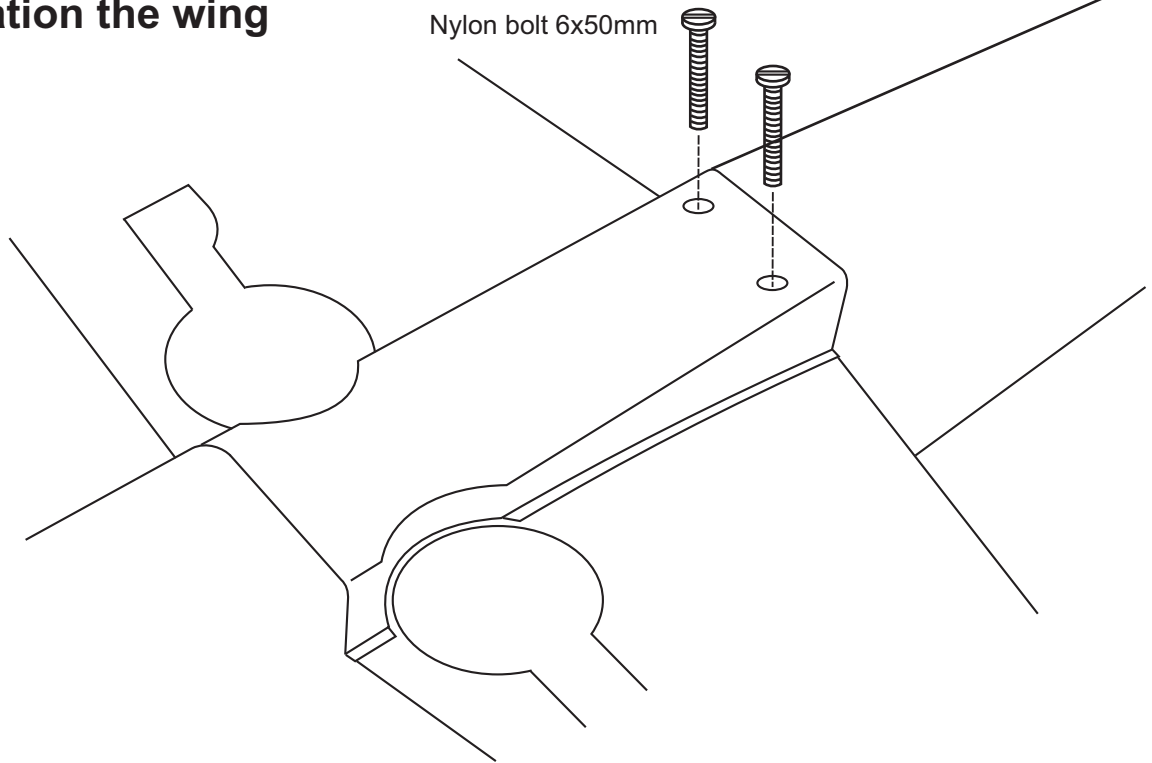


Cut away the covering inside before install the bottom wing shield.

Bottom view / Ansicht von unten

20- Installation the wing

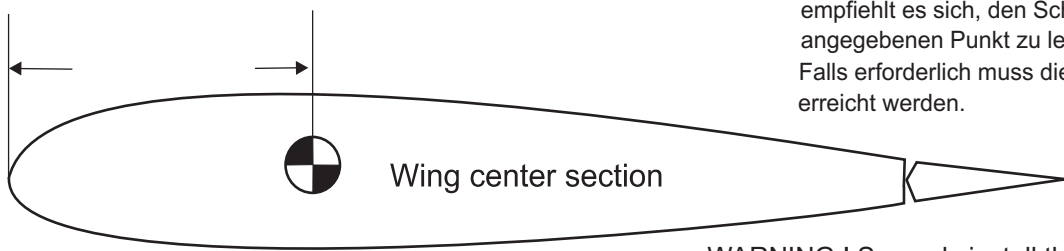
Nylon bolt 6x50mm



6X50mm bolt



21- Balance



Wing center section

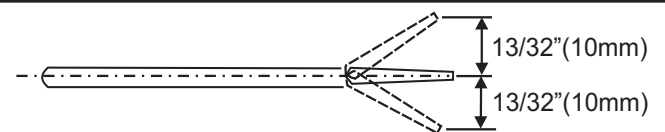
Der Schwerpunkt sollte zwischen 88 mm und 92 mm hinter der Nasenleiste liegen. Für die ersten Flüge empfiehlt es sich, den Schwerpunkt an den vorderen angegebenen Punkt zu legen.

Falls erforderlich muss dies durch Ankleben von Blei erreicht werden.

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.

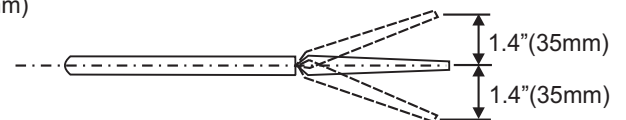
22- Control surface



ELEVATOR STROKE / HÖHENRUDER



AILERON STROKE / QUERRUDER



RUDDER STROKE / SEITENRUDER

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.