Radio control model R/C Flugmodell

INSTRUCTION MANUAL MONTAGEANLEITUNG



Designed for brushless electric motors (.46-.52 class glow conversion optional)

Entwickelt für Brushless Elektro Motoren (7,5-8,5cc Glühzündermotor Einbau möglich)

Kenmore air version





TECHNISCHE DATEN

Spannweite 1620mm
Länge 1115mm
Elektroantrieb (siehe nächste Seite)
Verbrennerantrieb 7.5cc 2-T / 8.5cc 4-T
Fernsteuerung 5 Kanal / 4 -5 Servos

SPECIFICATIONS

Wingspan 63.7in.
Length 43.9 in.
Electric Motor
Glow Engine A6 2Stroke / .52 4-Stroke
Radio 5 Channel / 4 -5 Servos

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 (Nicht im Lieferumfang enthalten)



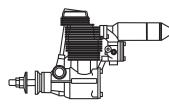
Minimum 5 channel radio for airplane / 5 servo Motor x1, rudder x1, elevator x1 aileron x2 (mini servo) Minimum 5 Kanal Fernsteuerung / 5 servo



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



Extension cord Servoverlängerungskabel

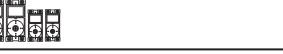


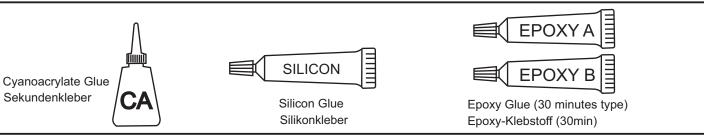
.52 cu.in (8.5cc)

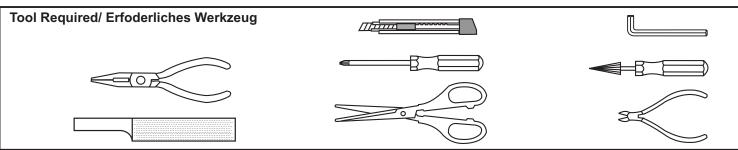


Brushless Regler Battery / Flugakku LEMONRC 3700-11.1V









The pre-covered film on ARF kit may wrinkle due to variations of temperature. Store model in a cool and dry place for awile.

Then, staring with low heat, you may carefully use a hair dryer to smooth out wrinkels.

Die Bespannung des Modells kann durch Temeratureinflüsse erschlaffen oder Falten werfen z.b bei zu starker Sonnenenstrahlung 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 zusammengebaut



Nicht enthalten. Teile müssen separat gekauft werden.

CONVERSION TABLE

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

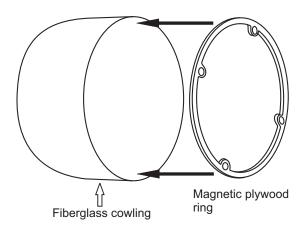
SAFETY NOTES BEFORE ASSEMBLING

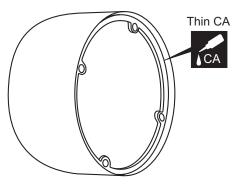
This model is highly pre-fabricated and can be built in a very short time. However, the work which you have to carry out is important and must be done carefully.

The model will only be strong and fly well if you complete your tasks competently - so please work slowly, accurately and check every joints, maybe apply more glue to be safe.

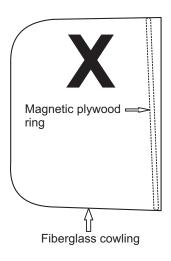
Read through the manual before you begin, so you will have an overall idea of what to do.

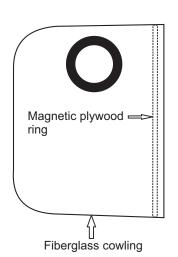
DHC-2 Beaver 1- Cowling

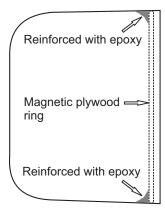


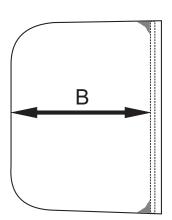


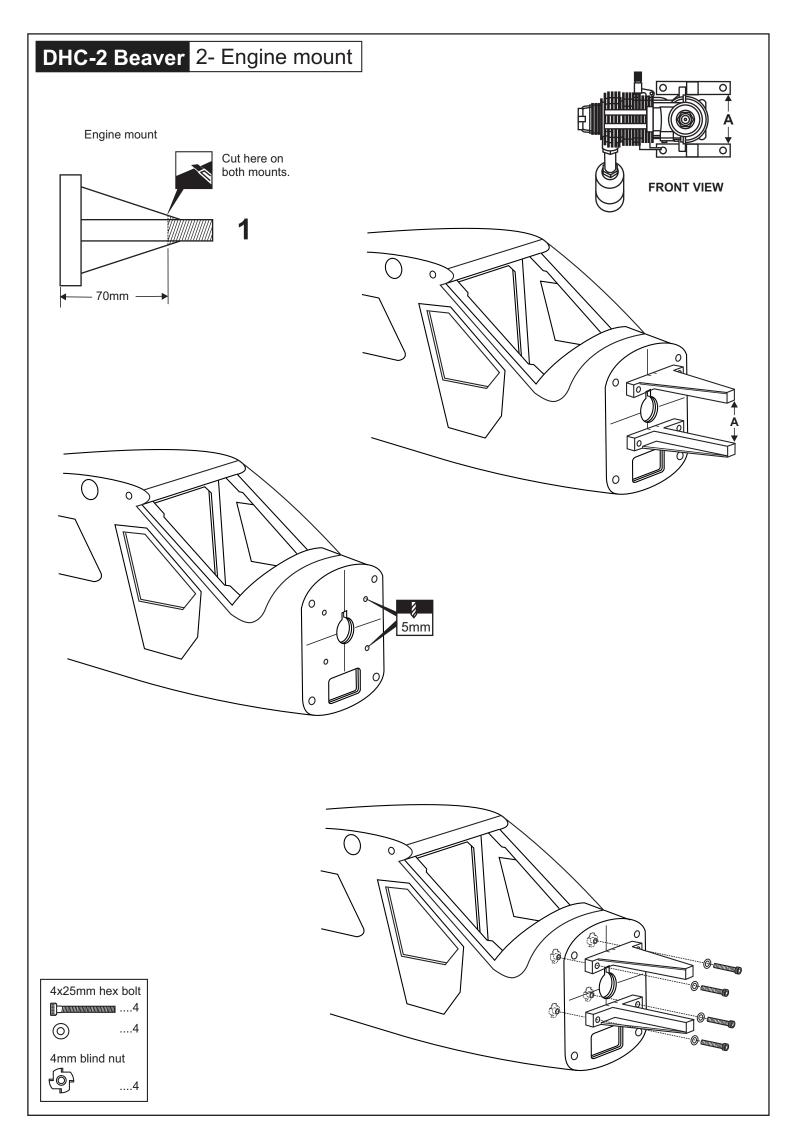
Secure the magnetic plywood ring in place using the thin CA glue.



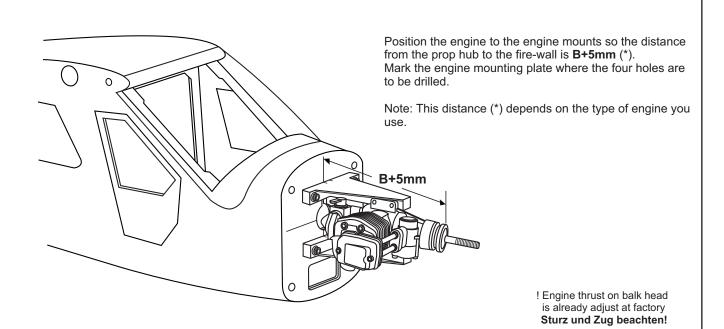




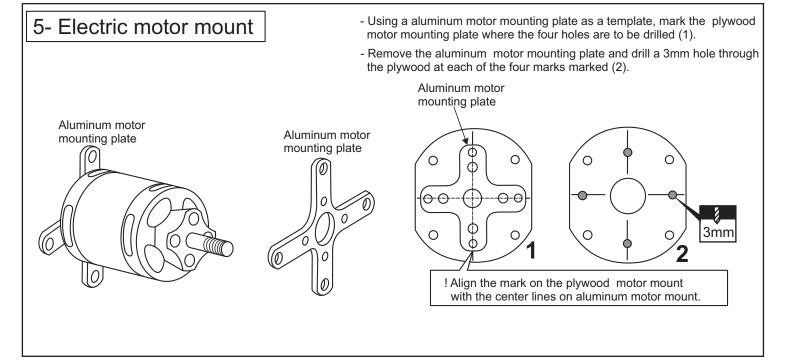




DHC-2 Beaver 3- Engine mount 5mm



DHC-2 Beaver 4- Engine mount Remove the engine and drill a 3mm holes through the beam at each of the four marks made above. Marking sure that you drill the hole perpendicular to the beam of the engine mount. Reposition the engine on the engine mount beams, aligning it with the holes. Secure the engine to the engine mount using four 3x25mm hex bolts. Note: Apply Silicon sealer to each of the 3x25mm bolt and nut.



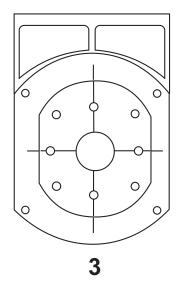
3x25mm hex bolt

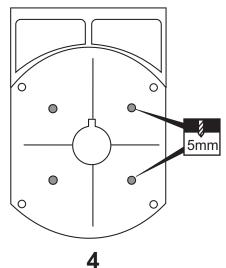
....4

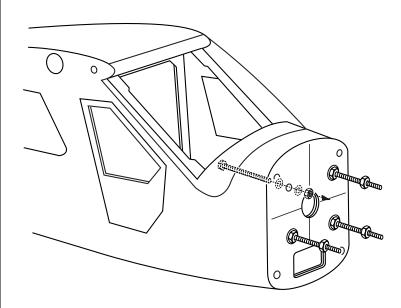
DHC-2 Beaver 6- Electric motor mount

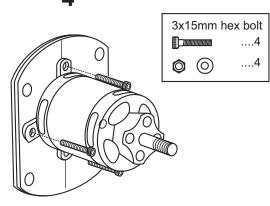
Using a plywood motor mounting plate as a template, mark the fire wall where the four holes are to be drilled (3).

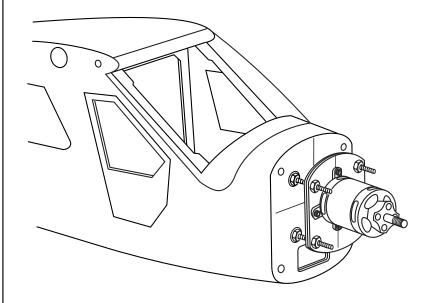
Remove the plywood motor mounting plate and drill a 5mm hole through the fire-wall at each of the four marks marked (4).

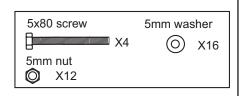




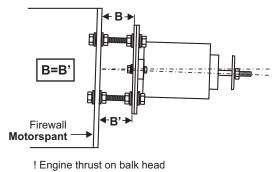




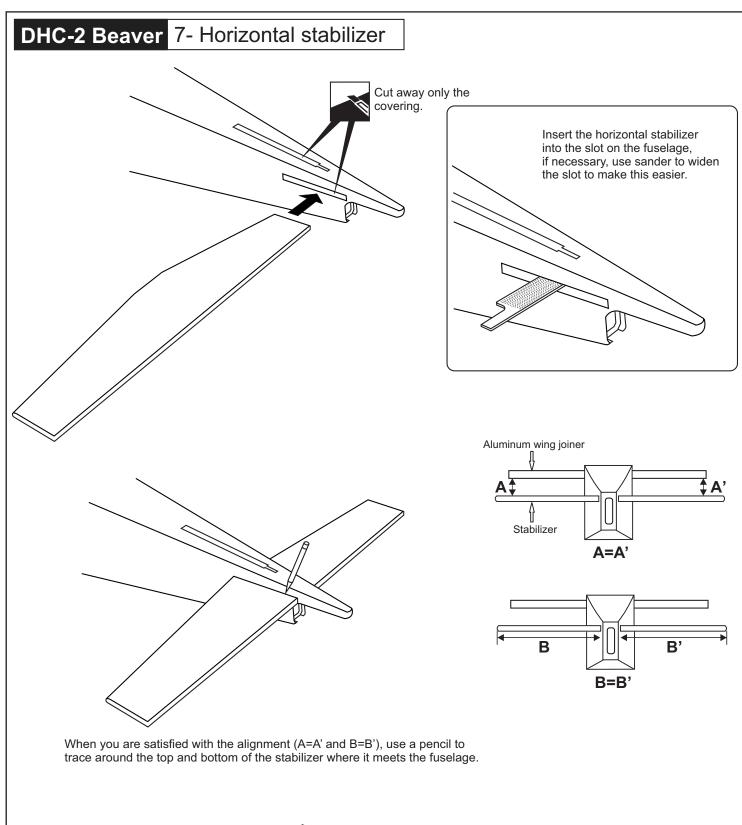


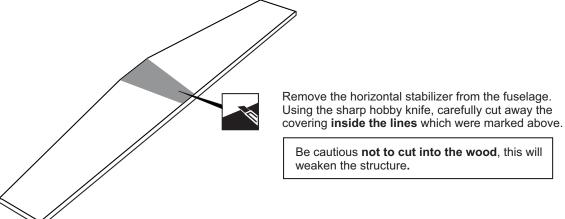


SIDE-VIEW / Seitenansicht

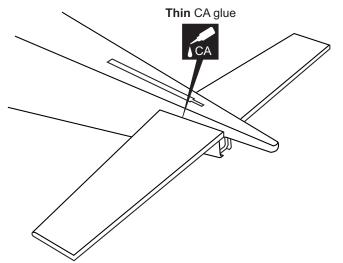


! Engine thrust on balk head is already adjust at factory **Sturz und Zug beachten!**



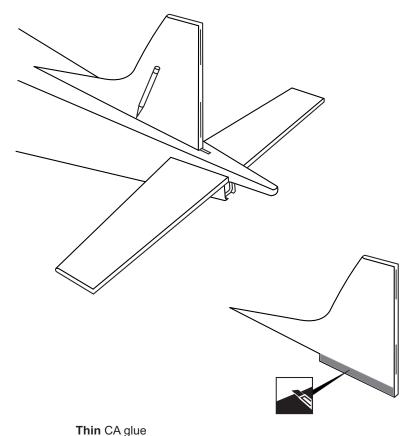


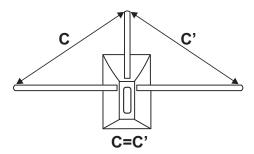
DHC-2 Beaver 8- Vertical stabilizer



Use a small glue faucet, Apply the **thin CA** glue on the horizontal stabilizer where it contacts the fuselage **(both the top and bottom sides).**

- Securely glue together. If coming off during flight, you lose control of your air plane.
- Vergewissern Sie sich, sauber geklebt zu haben.
 Andernfalls können Probleme mit der Flugeigenschaft auftreten!

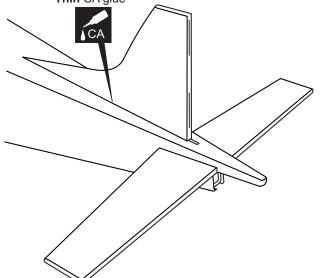




When you are satisfied with the alignment (C=C'), use a pencil to trace around the right and left of the stabilizer where the vertical stabilizer meet the fuselage.

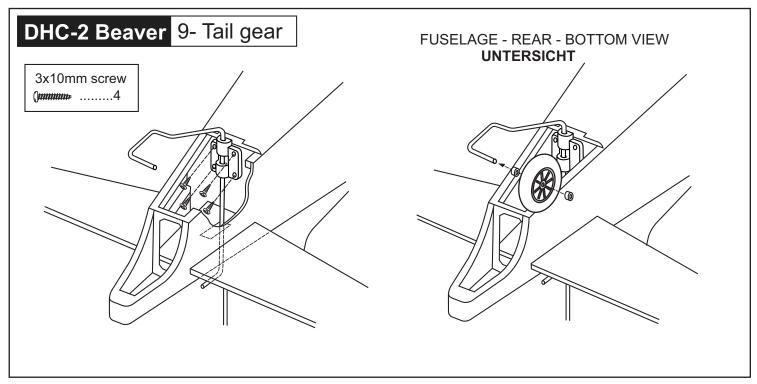
Remove the vertical stabilizer from the fuselage. Using the sharp hobby knife, carefully cut away the covering **inside the lines** which were marked above.

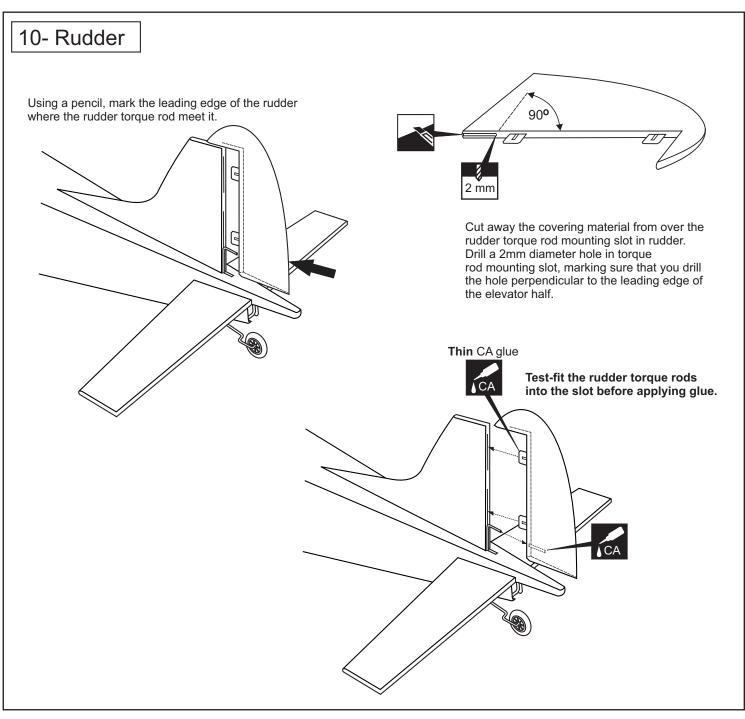
Be cautious **not to cut into the wood**, this will weaken the structure.

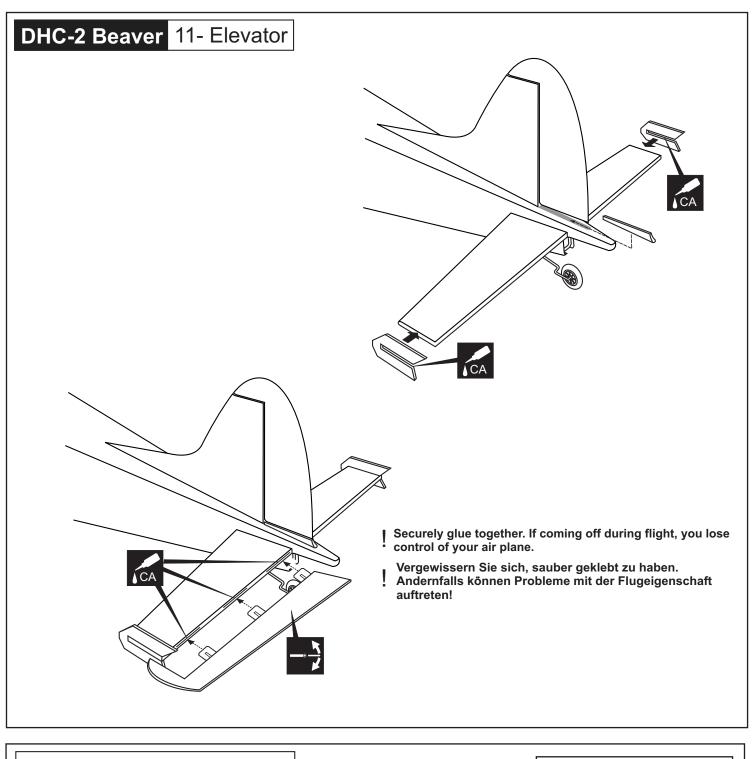


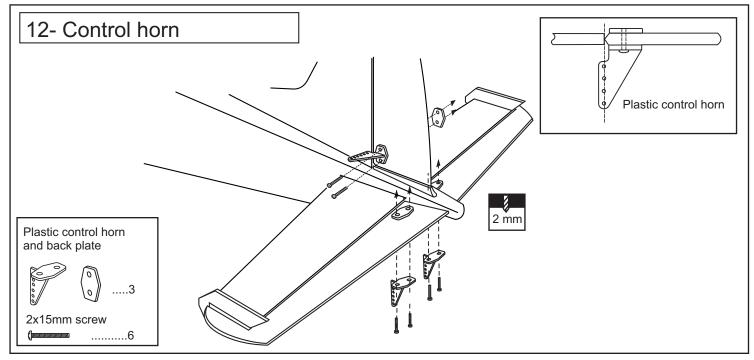
When you are satisfied with the alignment (C=C'), use a small glue faucet, Apply the **thin CA** glue on the vertical stabilizer where it contacts the fuselage **(both the left and right sides).**

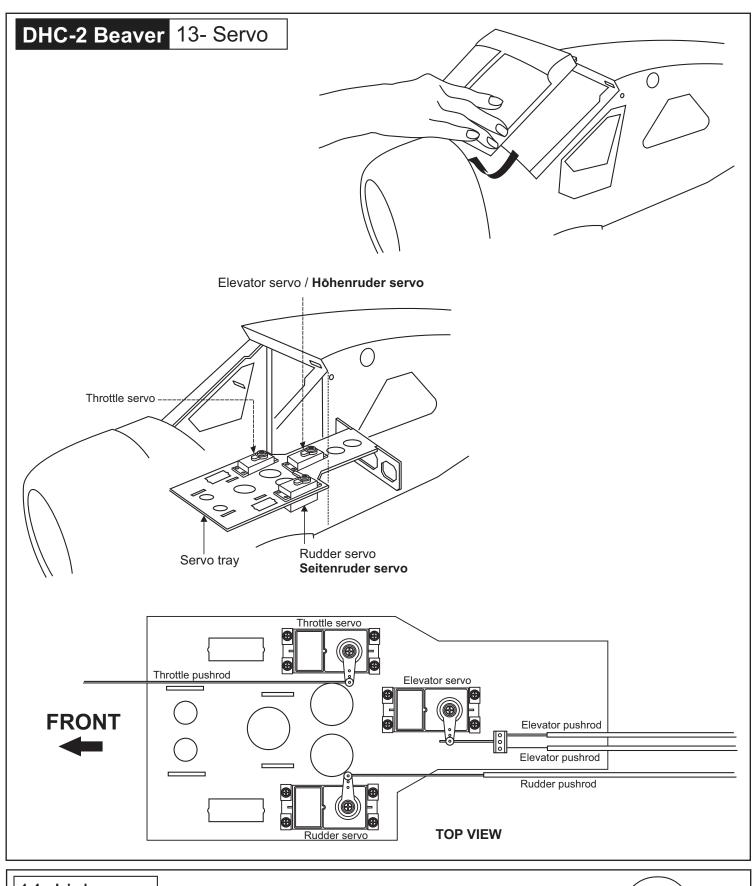
- Securely glue together. If coming off during flight, you lose control of your air plane.
- Vergewissern Sie sich, sauber geklebt zu haben.
 Andernfalls können Probleme mit der Flugeigenschaft auftreten!

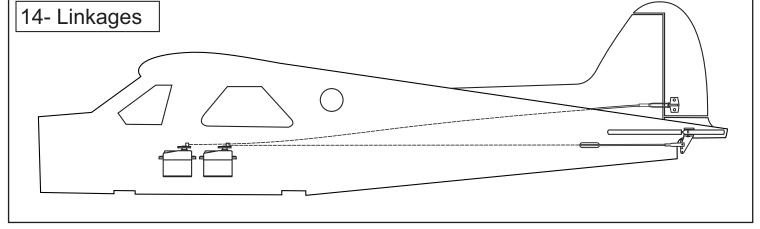


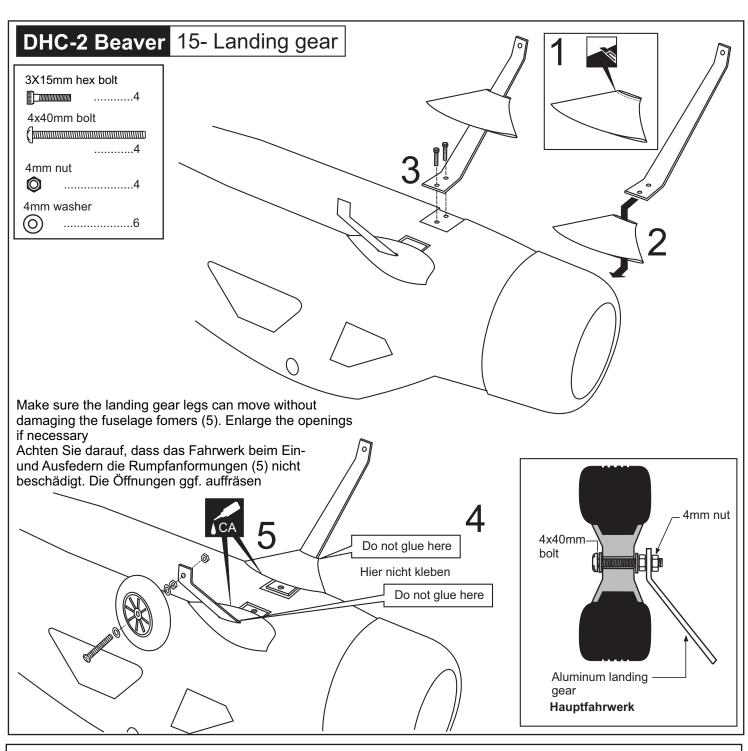


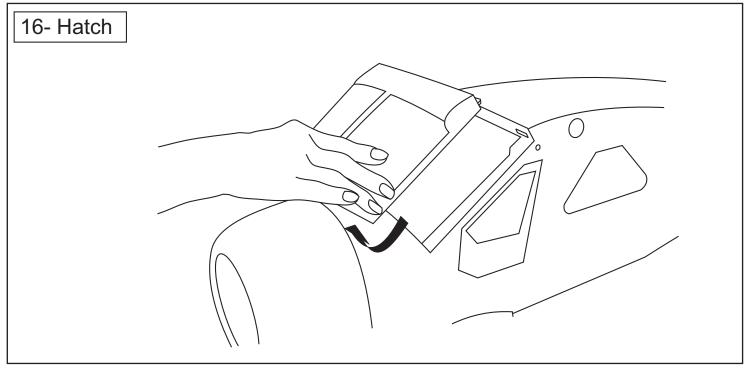


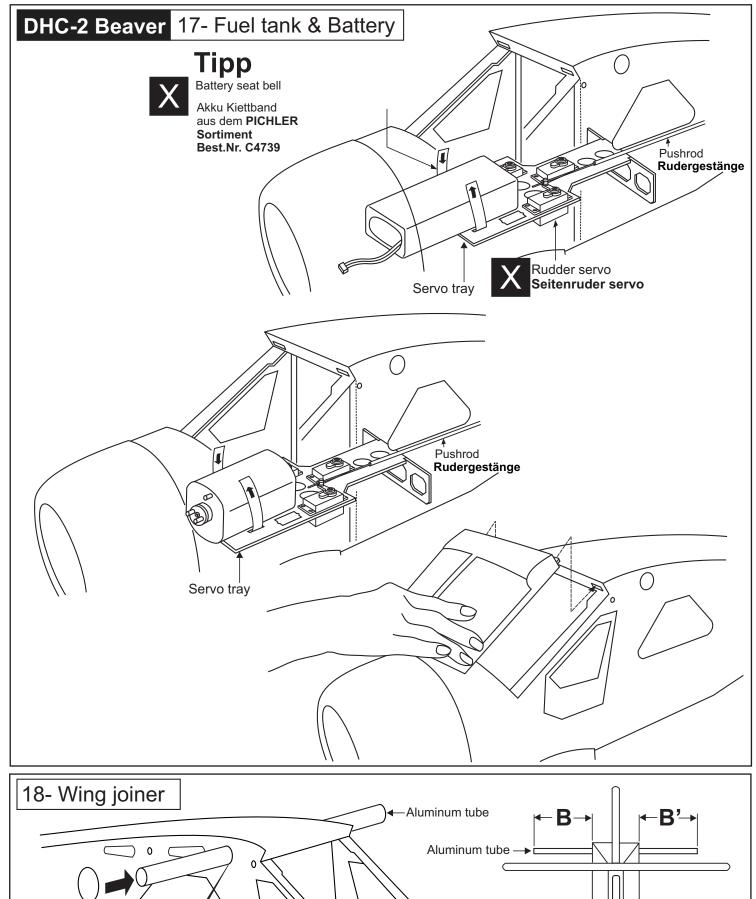


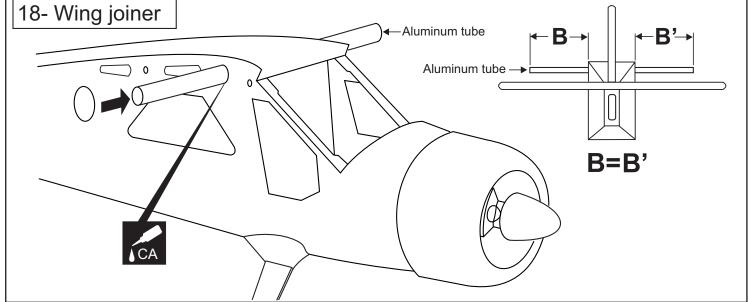


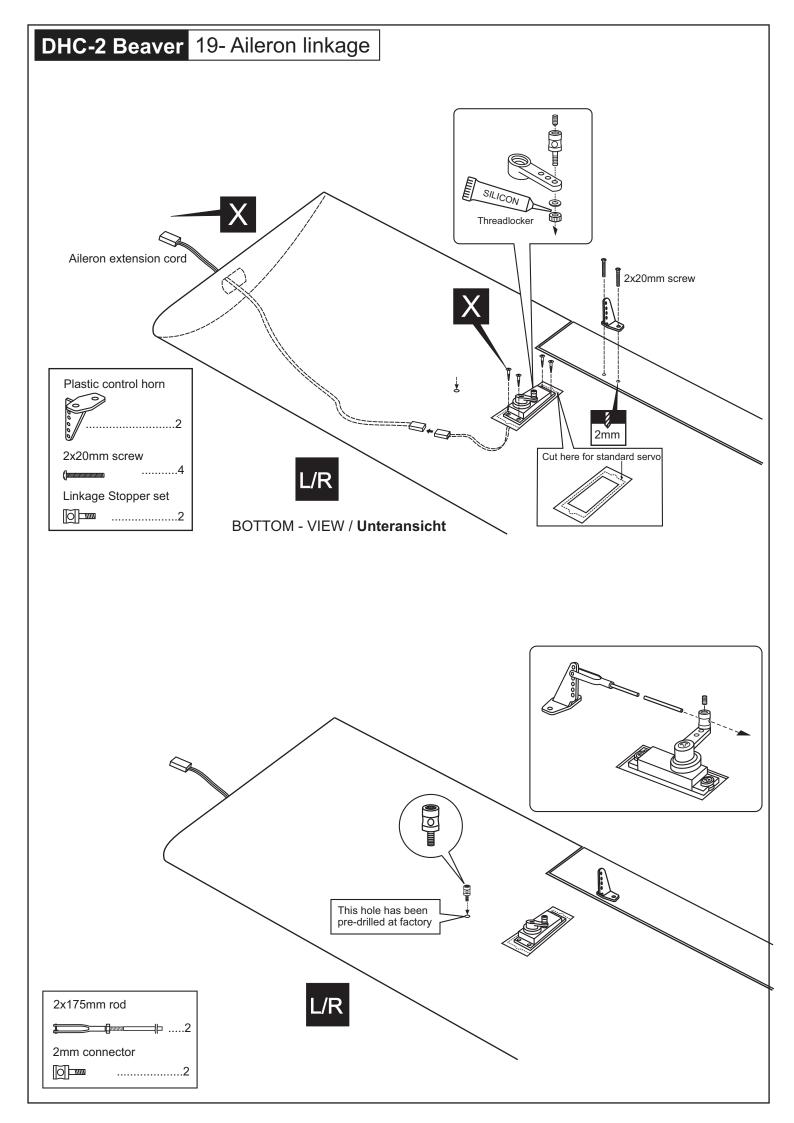


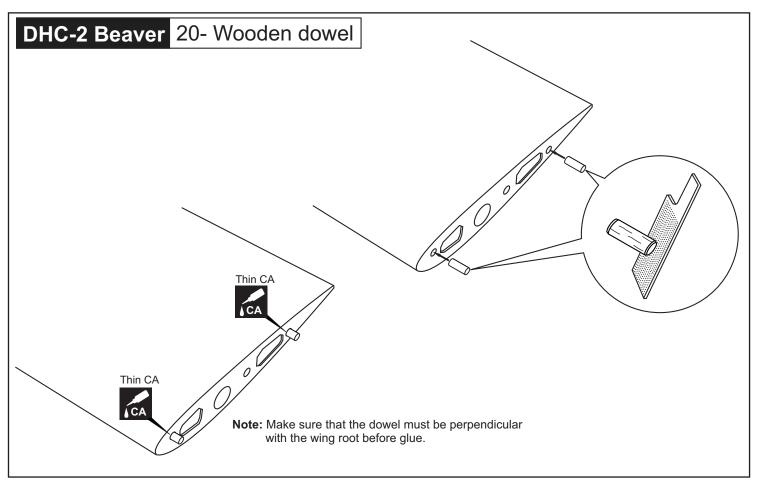


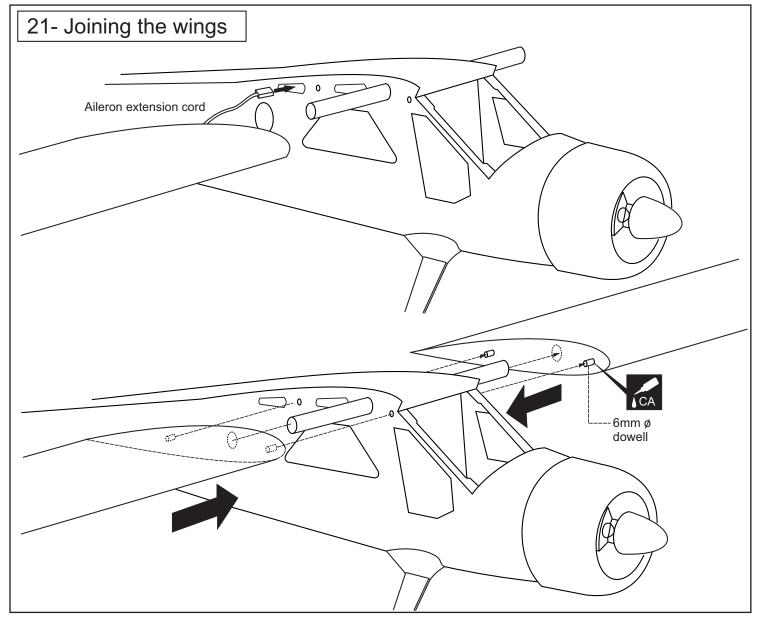


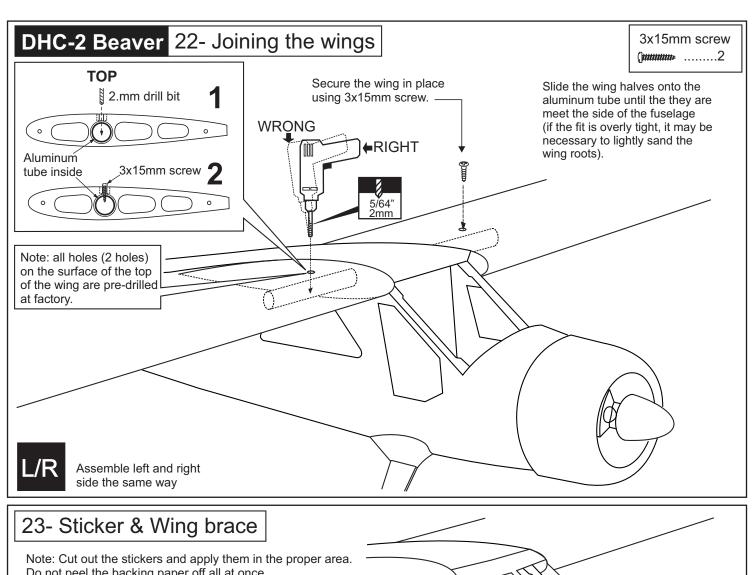


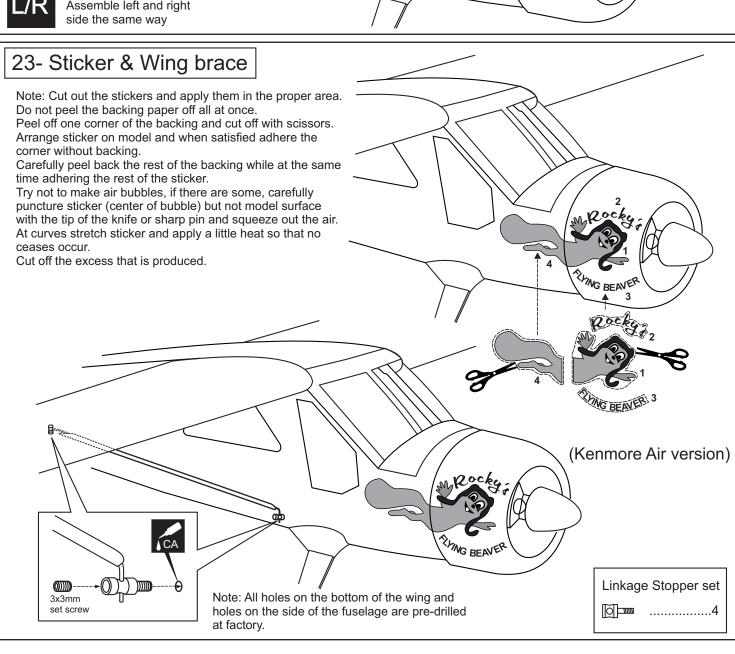


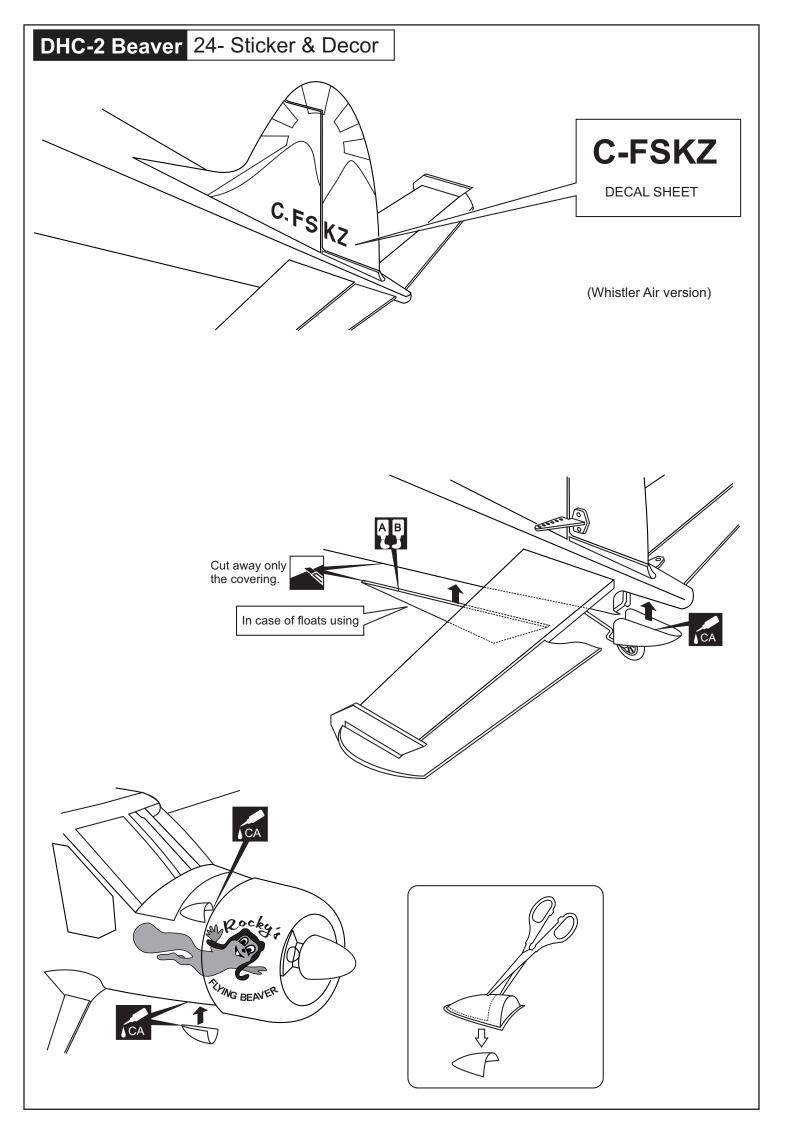


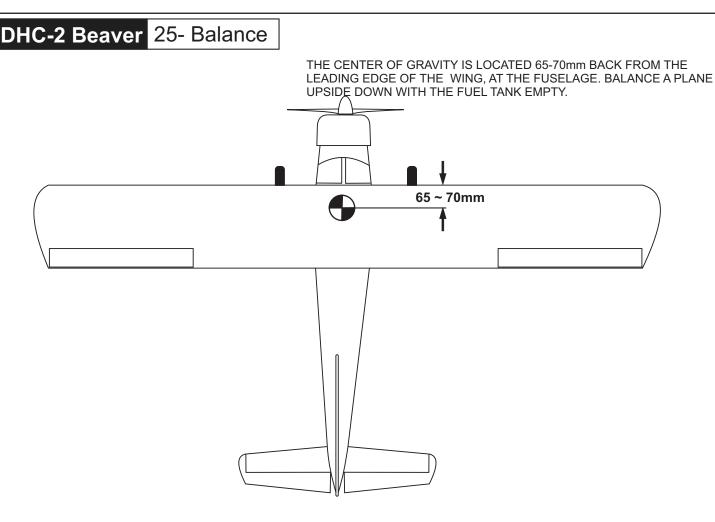












- 1- Mount the wing to the fuselage. Using a couple of pieces of masking tape, place them on the top side of the wing (62mm) back from the leading edge, at the fuselage sides.
- 2- Lift the airplane. Place your fingers on the masking tape and carefully lift the plane.
- 3- If the nose of the plane falls, the plane is heavy nose. To correct this, move the battery pack further back in the fuselage. If the tail of plane falls, the plane is tail heavy. To correct this, move the battery forward or if this is not possible, stick weight onto the firewall.

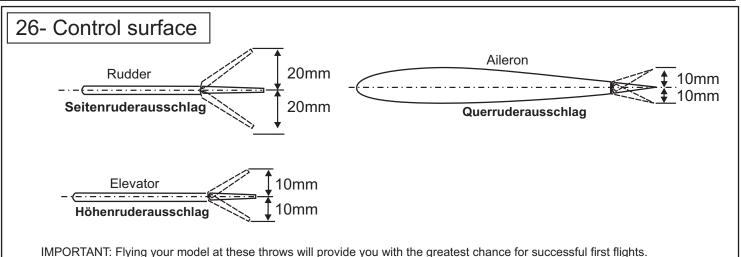
When balanced correctly, the airplane should level or slightly nose down when you lift it up with your fingers.

LATERAL BALANCE:

After you have balanced a plane on the CG, you should laterally balance it. Doing this will help the airplane track straighter.

- 1- Turn the airplane upside down. Attach one loop of heavy string to the engine crankshaft and one to the tail wheel wire. With the wing level, carefully lift the airplane by the string. This may require two people to make easier.
- 2- If one side of the wing fall, that side is heavier than the opposite. Add small amounts of lead weight to the bottom side of the lighter wing half's wing tip. Follow this procedure until the wing stays level when you lift the airplane.

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



IMPORTANT: Flying your model at these throws will provide you with the greatest chance for successful first flights. If, after you have become accustomed to the way the Beaver flies, you would like to change the throws to suit your taste that is fine. However, too much control throw could make the model difficult to control, so remember, "more is not always better".