

# Instruction manual / Montageanleitung

#### **SPECIFICATIONS**

Wingspan 1580mm Length 1180mm Electric Motor 870 Watt (PULSAR 60) Glow Engine .46 2-T / .70 4-T Radio 4 Channel / 4 Servos

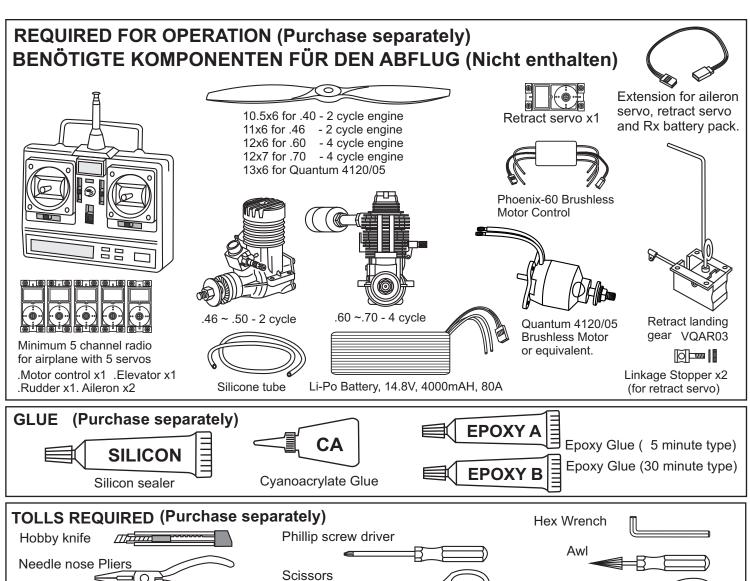
#### **TECHNISCHE DATEN**

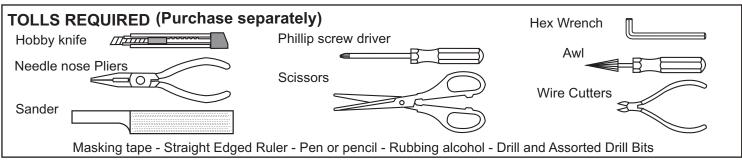
1580mm Spannweiter Länge 1180mm Elektroantrieb 870 Watt (PULSAR 60) Verbrennerantrieb 7.5cc 2-T / 11cc 4-T 4 Kanal / 4 Servos Fernsteuerung



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.





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 Low setting 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!

Symbols used throughout this instruction manual, comprise:



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

Not included. These parts must be



Use epoxy glue



Apply cyano glue



Assemble left and right sides the same way.



purchased separately Während des Zusammenbaus



Löcher bohren mit dem angegebenen Bohrer (hier 1,5 mm)



Hier besonders aufpassen



Schraffierte Stellen, Bespannfolie vorsichtig entfernen



immer prüfen, ob sich die Teile auch reibungslos bewegen lassen



Epoxy-Klebstoff verwenden



Sekundenkleber auftragen



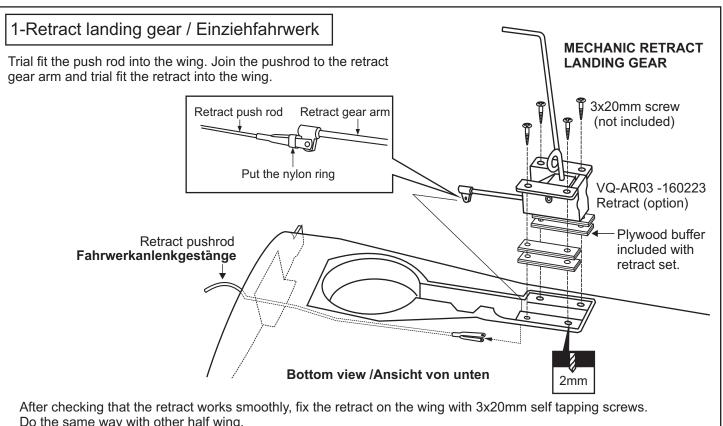
Linke und rechte Seite wird aleichermaßen zusammengebaut



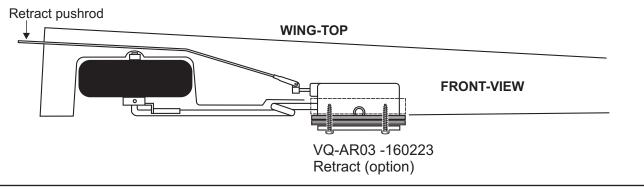
Nicht enthalten. Teile müssen separat gekauft werden.

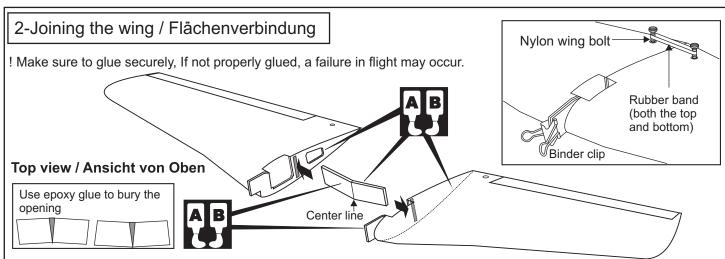
## Read through the manual before you begin, so you will have an overall idea of what to do. **CONVERSION TABLE**

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



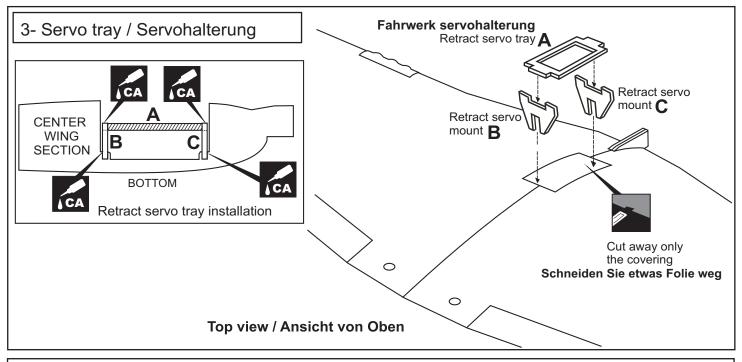
Do the same way with other half wing.

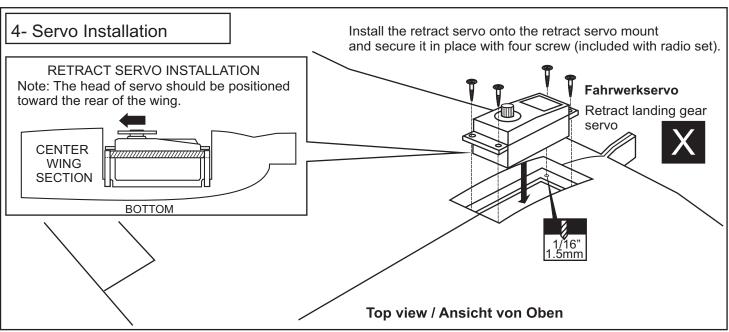


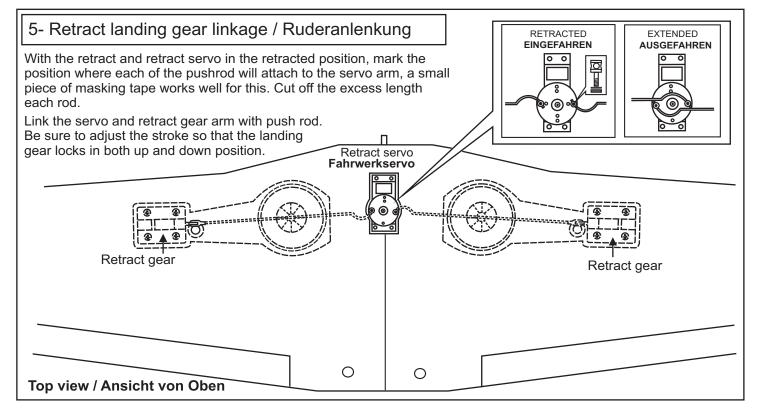


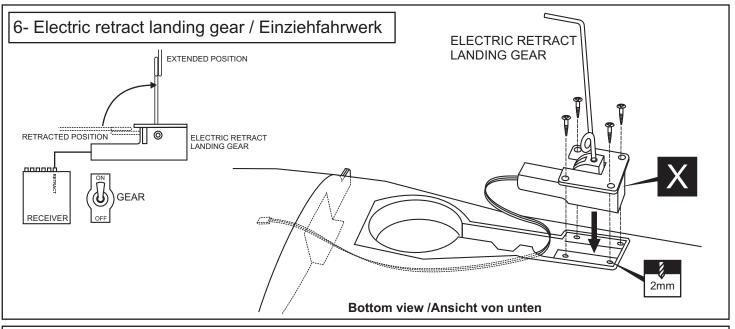
- 1- Using a pencil, mark the center of the brace.
- 2- Trial fit the wing joiner into one of the wing panels. It should insert smoothly up to the center line marked above.
- 3- Slide the other wing half onto the dihedral brace until the wing panel meet. If the fit is over tight, it may be necessary to lightly sand the dihedral brace.
- 4- Check for the correct dihedral angle.
- 5- Mix up some 30 minute epoxy and apply a generous amount of epoxy into the wing joiner cavity of one wing half.
- 6- 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, marking sure that the "V" of the dihedral brace is positioned correctly
- 7- Do the same way with the other wing half.
- 8- 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. Clean off the excess epoxy with paper towel and kerosene.

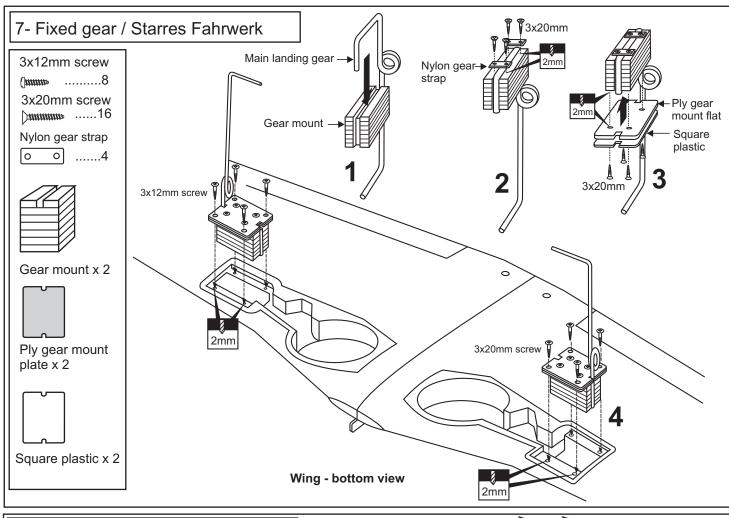
IMPORTANT: Please do not clean off the excess epoxy on the wing with strong solvent or pure alcohol, only use kerosene to keep the colour of your model not fade.

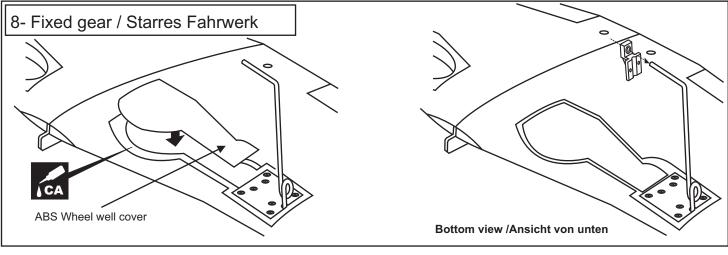


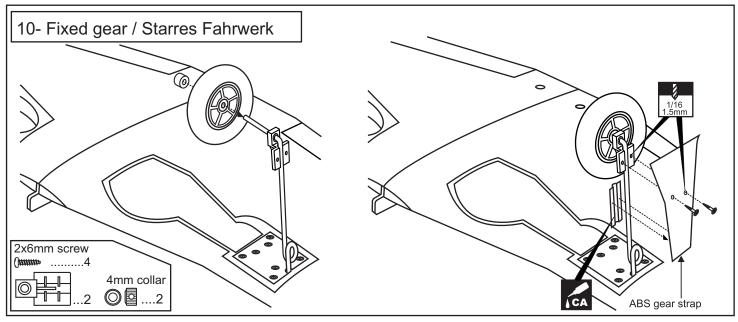


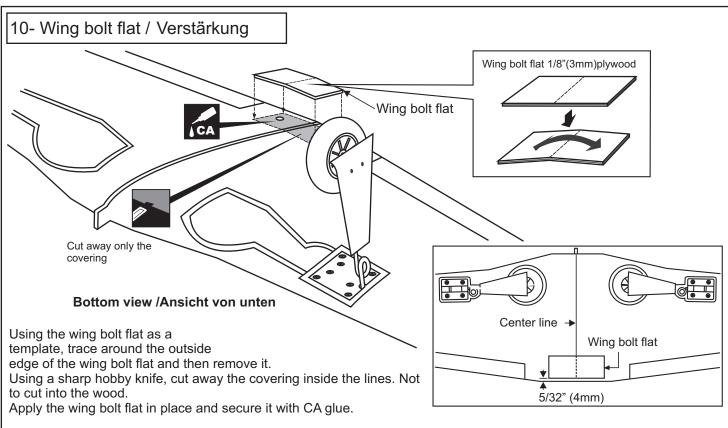


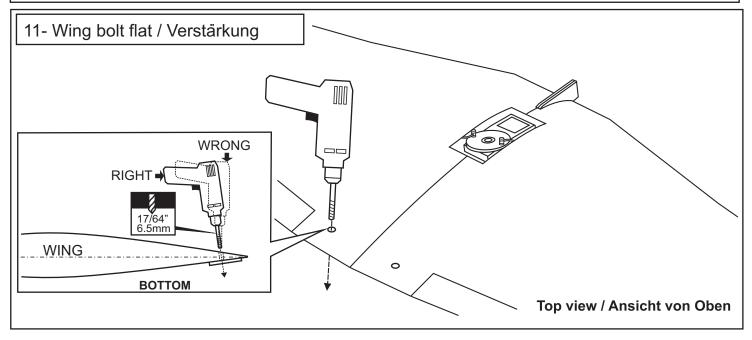


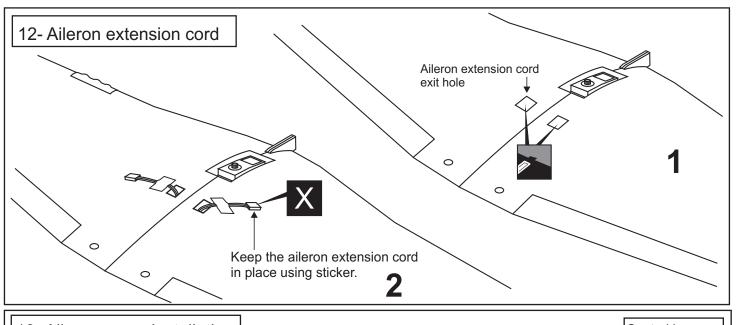


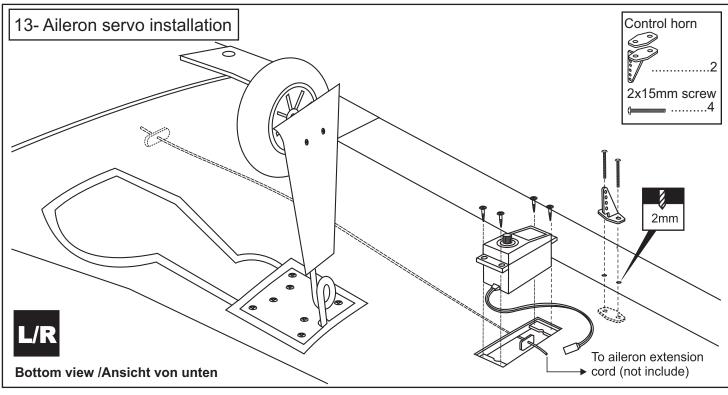


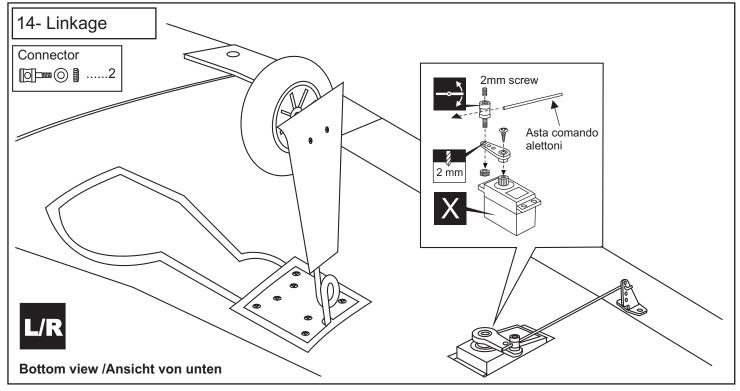


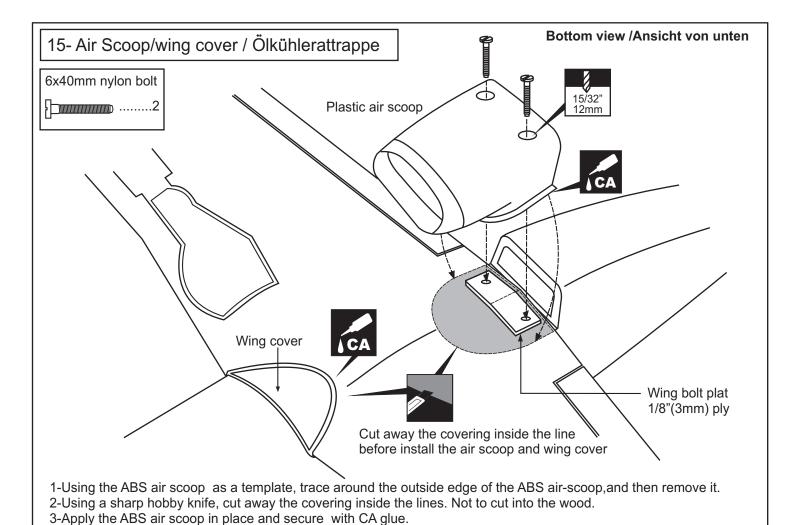












16- Air Scoop/wing cover / Ölkühlerattrappe

Wing bolt mount
(Ply wood)

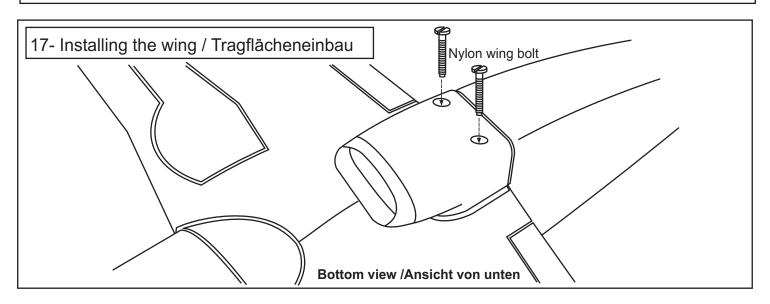
Wing bolt plat

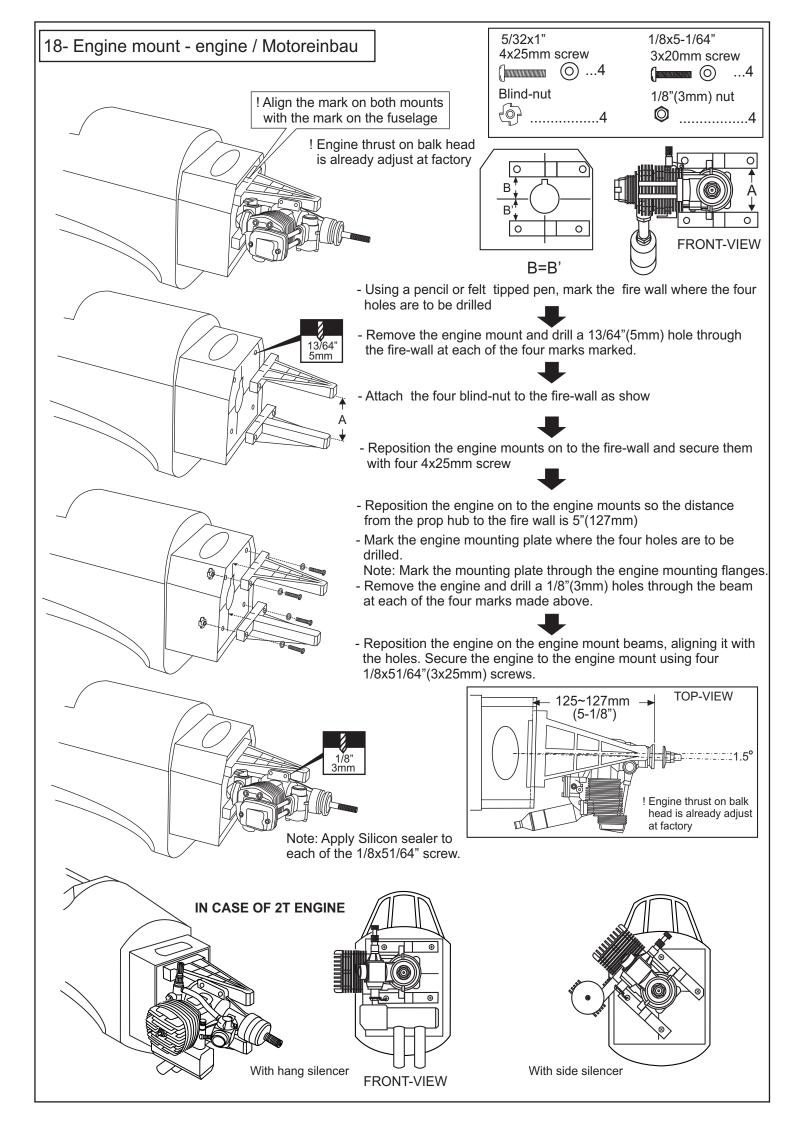
Plastic cover

Plastic cover

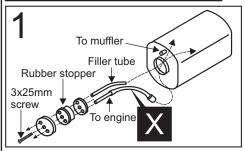
Plastic air scoop

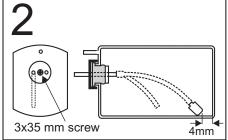
Do the same way with the ABS wing cover.

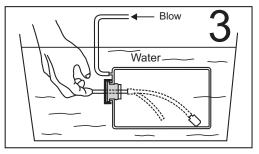




## 19- Fuel tank / Tankeinbau



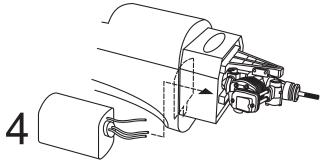




After confirming the direction . Insert this assembly, clunk end first, into the fuel tank and tighten and screw the fuel tank cap on firmly.

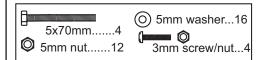
Ensure that the fuel tank clunk does not touch the rear of the fuel tank.

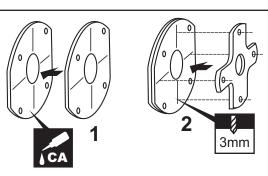
Checking for leaks - block the vents and blow into the feed - if in doubt submersing the tank in a blow of water will show up any problems.



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

### 20- Electric motor / Einbau Elektromotor

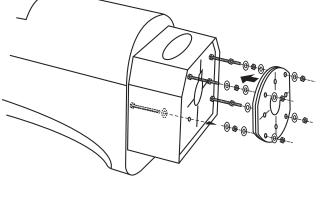


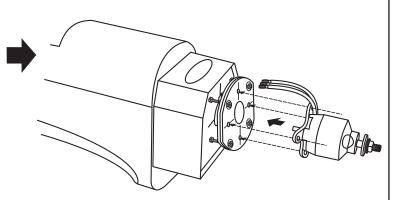


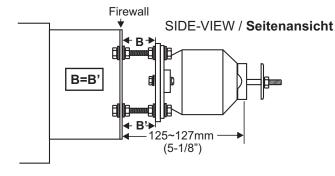
Using a aluminum motor mounting plate as a template, mark the plywood motor mounting plate where the four holes are to be drilled (2).

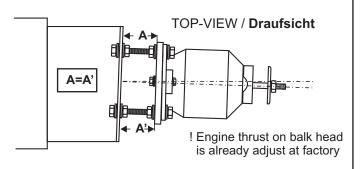
Remove the aluminum  $\,$  motor mounting plate and drill a 1/8"(3mm) hole through the plywood at each of the four marks marked .

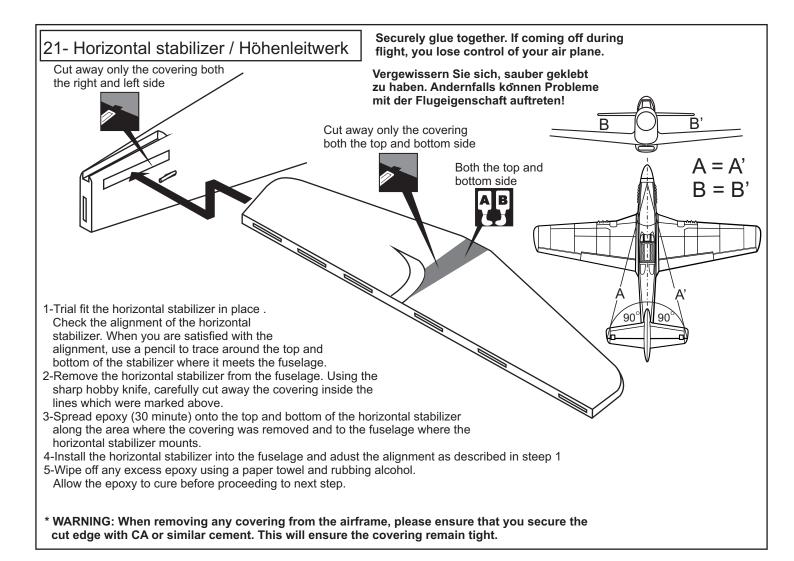
Note: The aluminum motor mounting included with electric motor set.

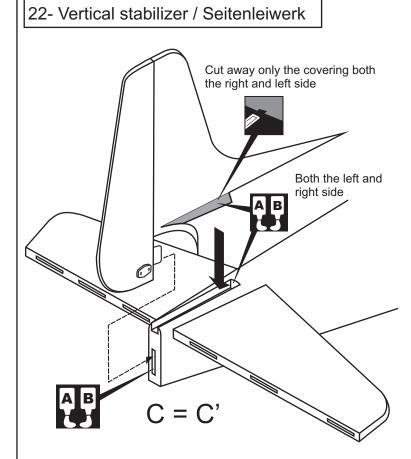


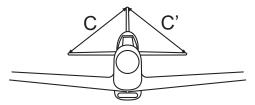












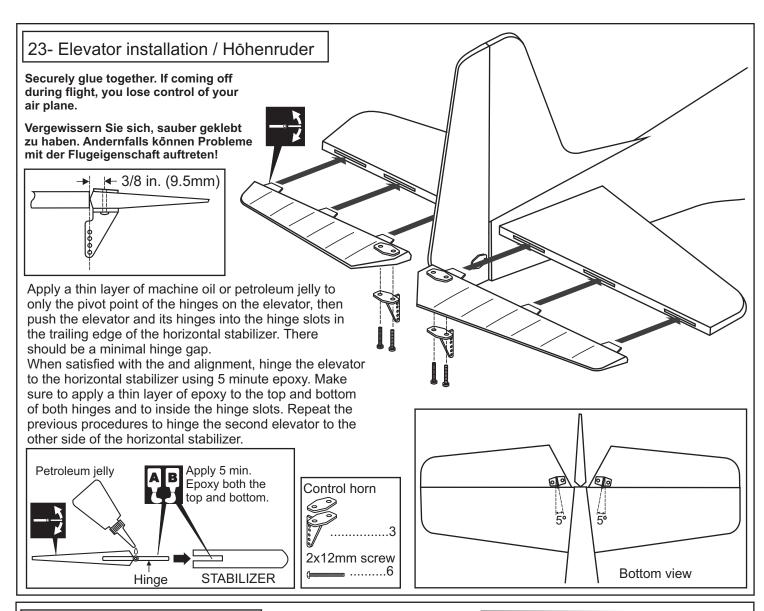
- 1-Trial fit the vertical stabilizer in place. Check the alignment of the vertical stabilizer. When you are satisfied with the alignment, use a pencil to trace around the right and left of the stabilizer where it meets the fuselage.
- 2-Remove the vertical stabilizer from the fuselage. Using the sharp hobby knife, carefully cut away the covering inside the lines which were marked above.
- 3-Spread epoxy (30 minute) onto the right and left and bottom of the vertical stabilizer along the area where the covering was removed and to the fuselage where the vertical stabilizer mounts.
- 4-Install the vertical stabilizer into the fuselage and adust the alignment as described in steep 1.
- 5-Wipe off any excess epoxy using a paper towel and rubbing alcohol.

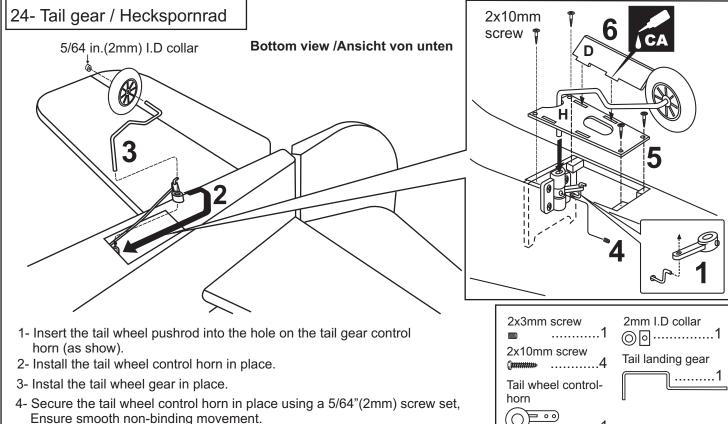
Allow the epoxy to cure before proceeding to next step.

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

Vergewissern Sie sich, sauber geklebt zu haben. Andernfalls konnen Probleme mit der Flugeigenschaft auftreten!

\* 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.





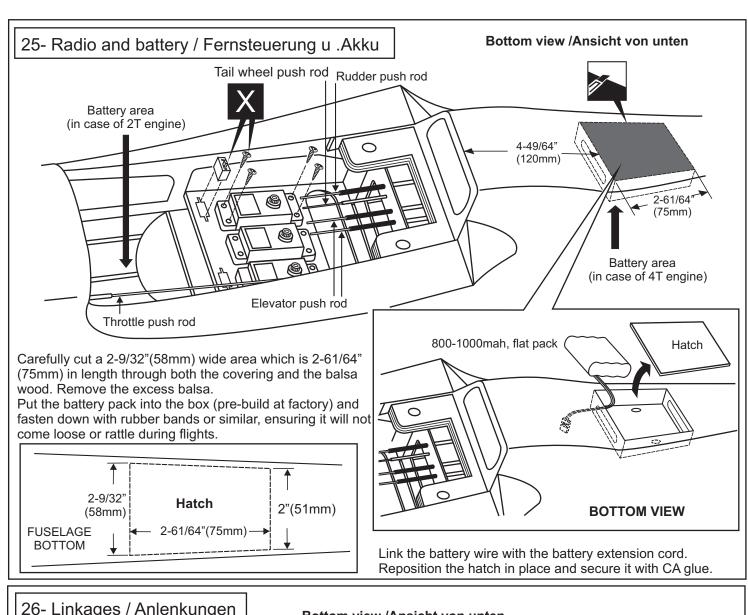
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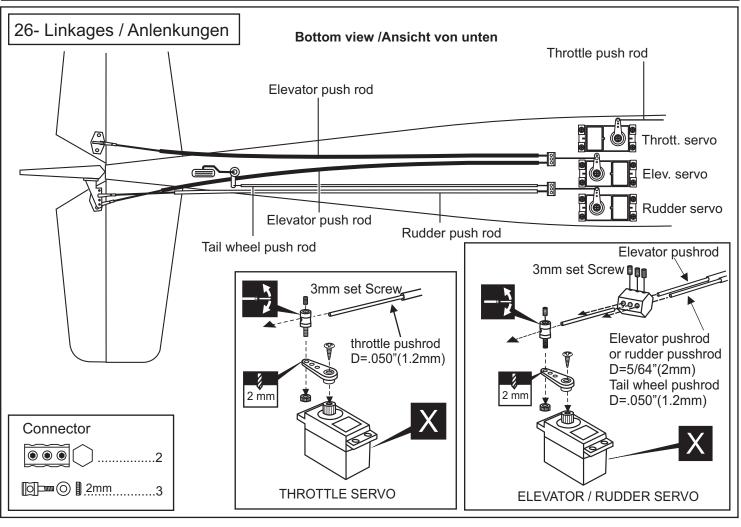
Ensure smooth non-binding movement.

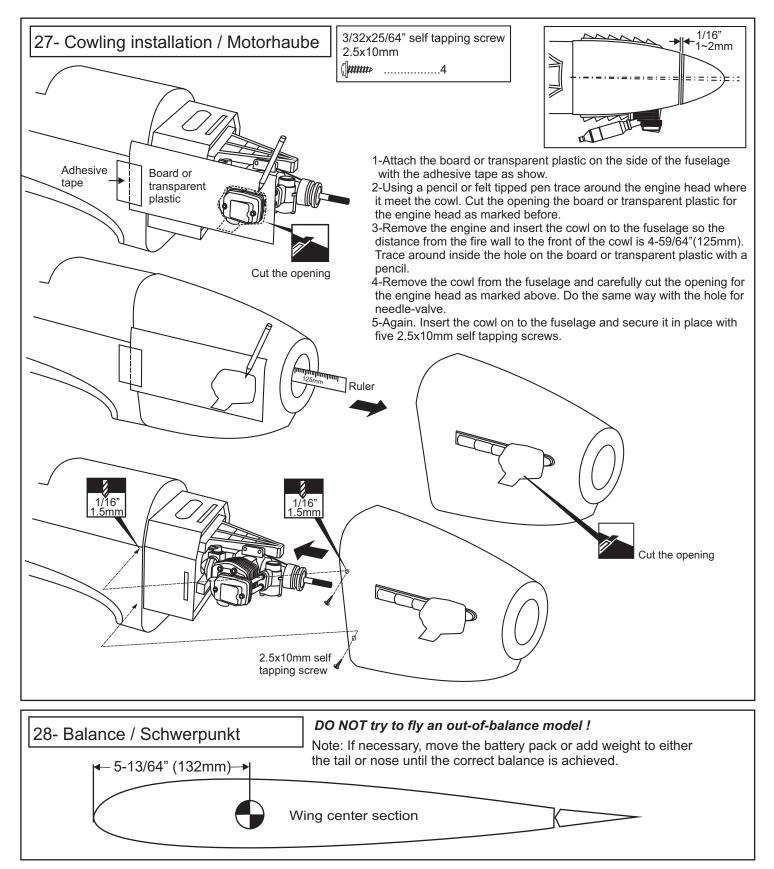
6- Attach the tail wheel doors (D) in place using CA glue.

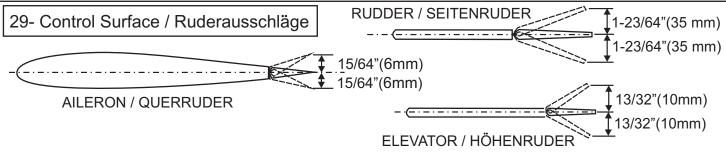
self tapping screws.

5- Installing the tail wheel hatch (H) in place using a four 5/64x25/64"(2x10mm)

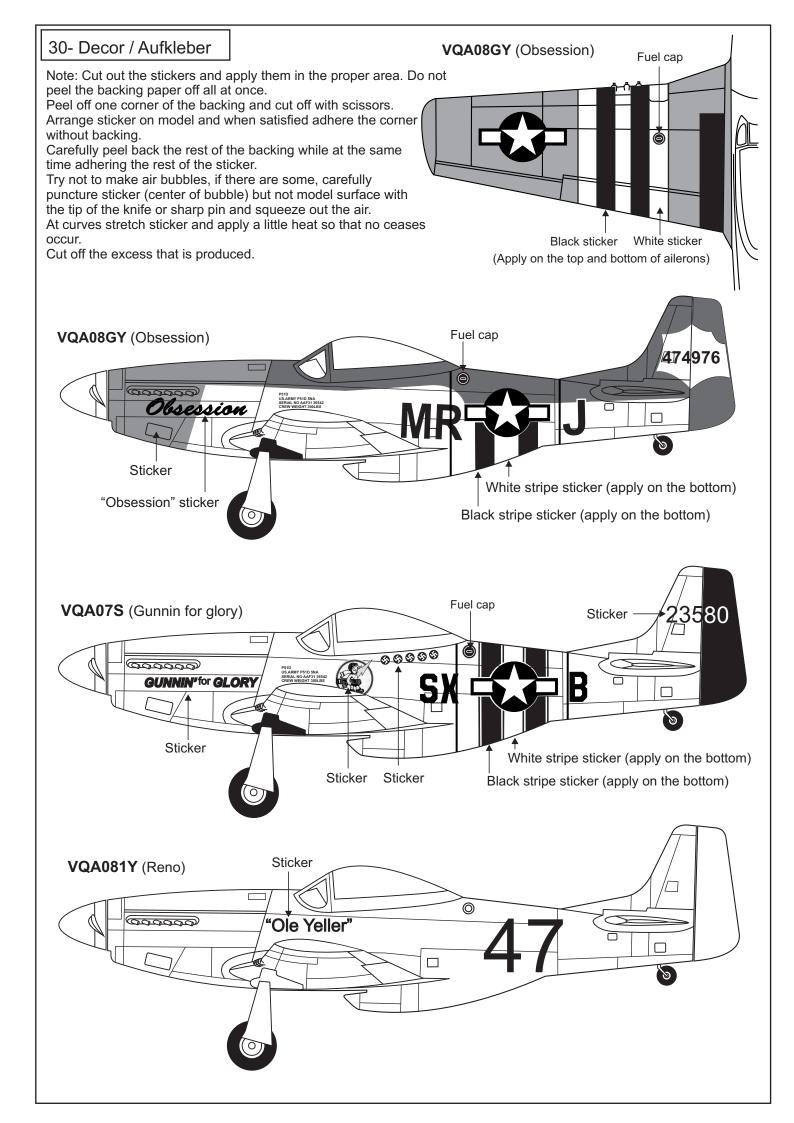


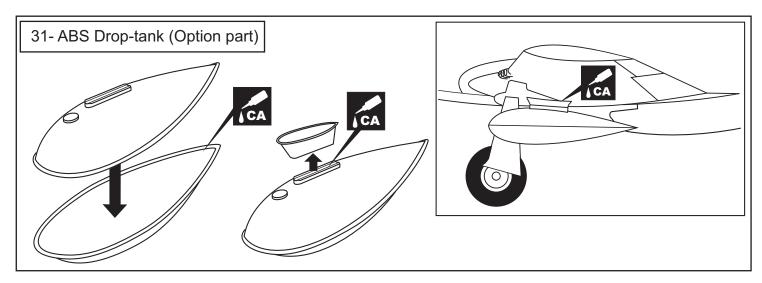






IMPORTANT: Flying your model at these throws will provide you with the greatest chance for successful first flights. If, after you have become accustomed to the way the P-51 flies, you would like to change the throws to suit your taste that is fine. However, too much control throw could make the model difficult to control, so remember, "more is not always better".





**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!