Radio control model

R/C Flugmodell

INSTRUCTION MANUAL
MONTAGEANLEITUNG

P-47 THUNDERBOLT

Designed for brushless electric motors
Entwickelt für Brushless Elektro Motoren

VQ No: VQA0100

TECHNISCHE DATEN

Spannweite	1220mm
Länge	1000mm
Elektroantrieb	(siehe nächste Seite)
Fernsteuerung	4 Kanal / 4 Servos

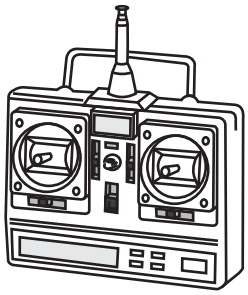
SPECIFICATIONS

Wingspan	1220mm.
Length	1000mm.
Electric Motor	(See next page)
Radio	4 Channel / 4 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.

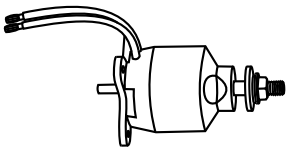
ACHTUNG! Dieses ferngesteuerte Modell ist KEIN Spielzeug! Es ist für fortgeschrittene Modellflugpiloten bestimmt, die ausreichende Erfahrung im Umgang mit derartigen Modellen besitzen Bei unsachgemäßer Verwendung kann hoher Personen- und/oder Sachschaden entstehen. Fragen Sie in einem Modellbauverein 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.

RECOMMENDED ACCESSORIES
Empfohlenes Zubehör



4 - channel radio

4 - Kanal
Fernsteuerung
MASTER, No. 5374

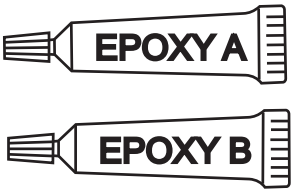


Antrieb Tuning (Kraftvoller Kunstflug):
BOOST 25 Brushless Combo Set, No. C2981
LiPo Akku RED POWER 2200-3S, No. C2158
Propeller 10*5, No. C5749

4 x Servo S2112
mit 500mm Servokabel

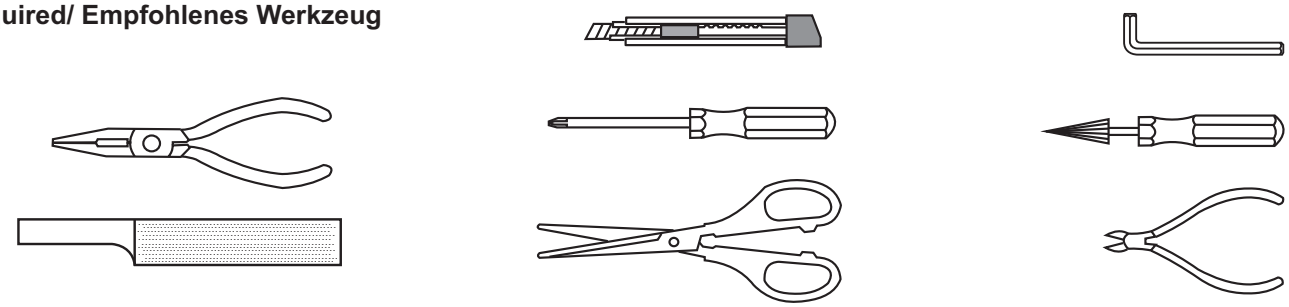
Cyanoacrylate Glue
Sekundenkleber

Silicon Glue
Silikonkleber



Epoxy Glue (30 minutes type)
Epoxy-Klebstoff (30min)

Tool Required/ Empfohlenes Werkzeug



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

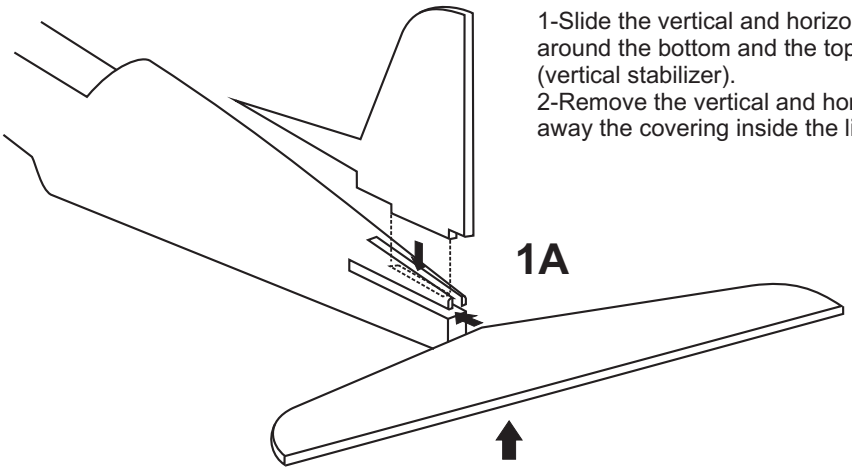
Linke und rechte Seite wird gleichermaßen zusammengebaut

Nicht enthalten. Teile müssen separat gekauft werden.

CONVERSION TABLE

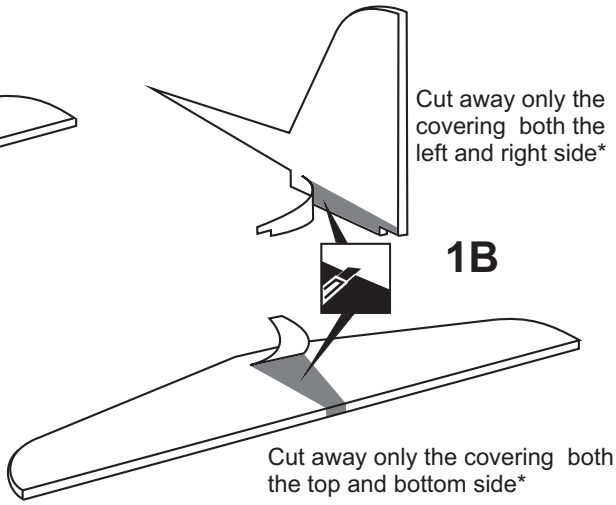
1.0mm = 3/64”	3.0mm = 1/8”	10mm = 13/32”	25mm = 1”
1.5mm = 1/16”	4.0mm = 5/32”	12mm = 15/32”	30mm = 1-3/16”
2.0mm = 5/64”	5.0mm = 13/64”	15mm = 19/32”	45mm = 1-51/64”
2.5mm = 3/32”	6.0mm = 15/64”	20mm = 51/64”	

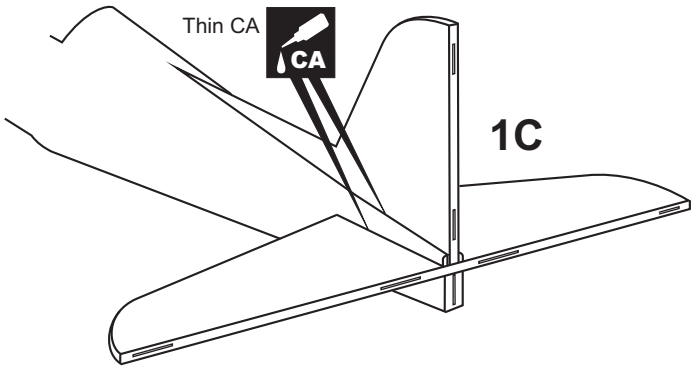
1



1-Slide the vertical and horizontal stabilizer on the fuselage, use a pencil to trace around the bottom and the top (horizontal stabilizer) and the right and the left (vertical stabilizer).
2-Remove the vertical and horizontal stabilizer from the fuselage. Careful cut away the covering inside the lines which were marked in steep 1.

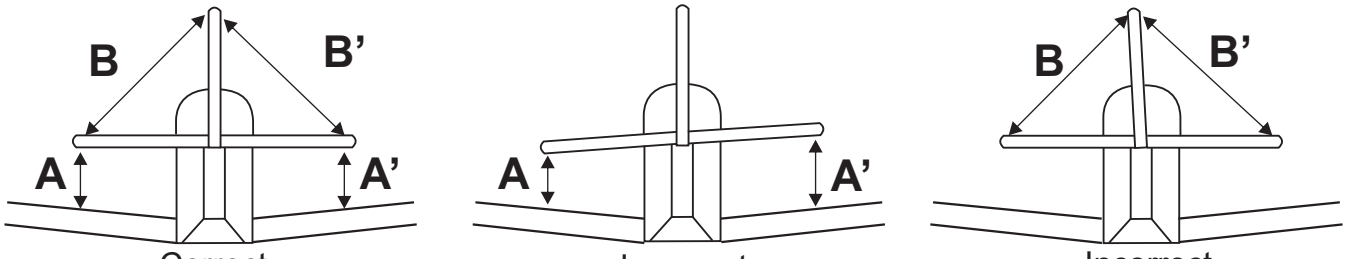
Note: Check the alignment of the horizontal stabilizer by measuring from a fixed point along the center line of the fuselage to the leading edge on each side of the horizontal stabilizer. The distance must be equal on both sides. If not, adjust the stabilizer until the measurements are the same.





Realign the vertical stabilizer and horizontal stabilizer, then glue the vertical stabilizer and horizontal stabilizer into the fuselage, using a generous amount of **thin CA.**
Note: glue both the right and left of the vertical stabilizer, and both the top and bottom of the horizontal stabilizer.

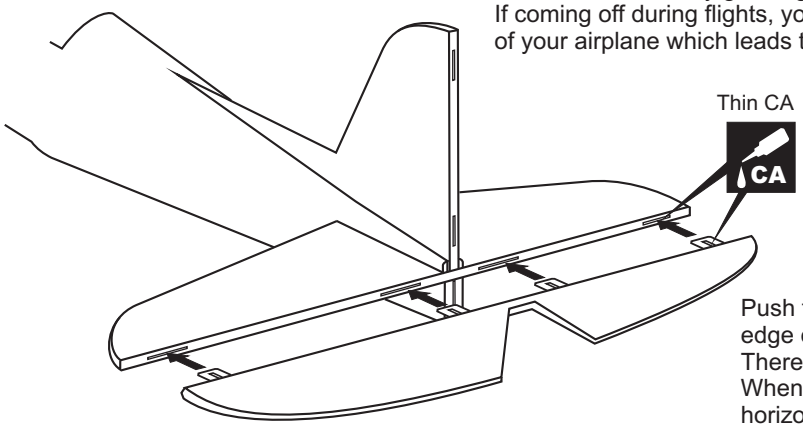
Attach the Vertical Stabilizer and the Horizontal Stabilizer

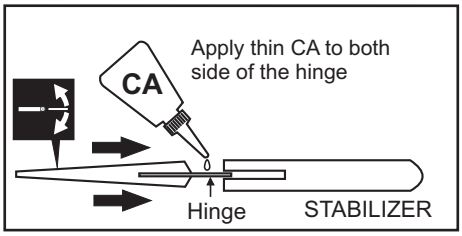


2

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

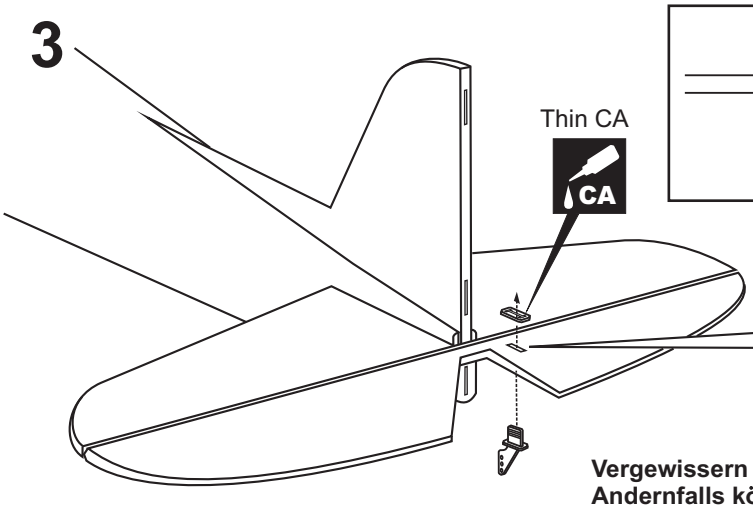
WARNING! Securely glue together.
If coming off during flights, you lose control of your airplane which leads to accidents !

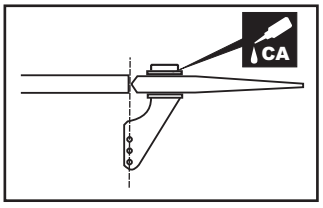




Push the elevator and its hinges into the hinge slots in the trailing edge of the horizontal stabilizer.
There should be a minimal hinge gap.
When satisfied with the and alignment, hinge the elevator to the horizontal stabilizer using thin CA glue.

3





WARNING! Securely glue together.
If coming off during flights, you lose control of your airplane which leads to accidents !

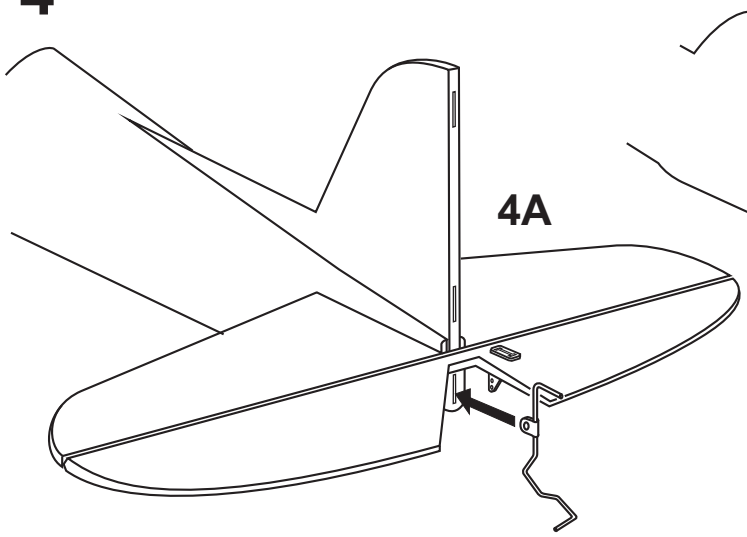
Note: The slots for the control horn installation are pre- cut at factory.

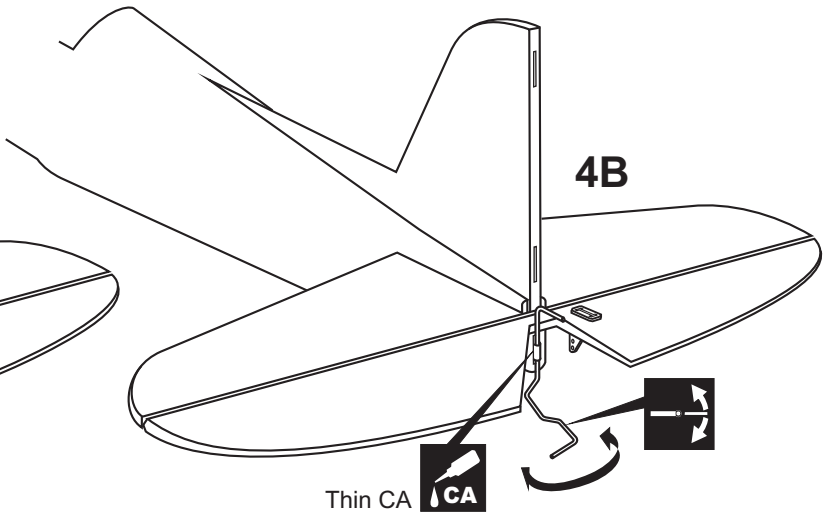
Vergewissern Sie sich, sauber geklebt zu haben. Andernfalls können Probleme mit der Flugeigenschaft auftreten!

Control horn

.....1

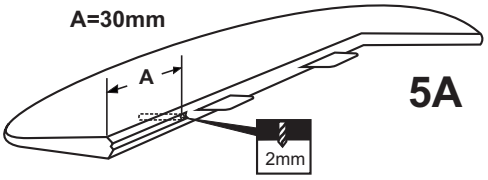
4

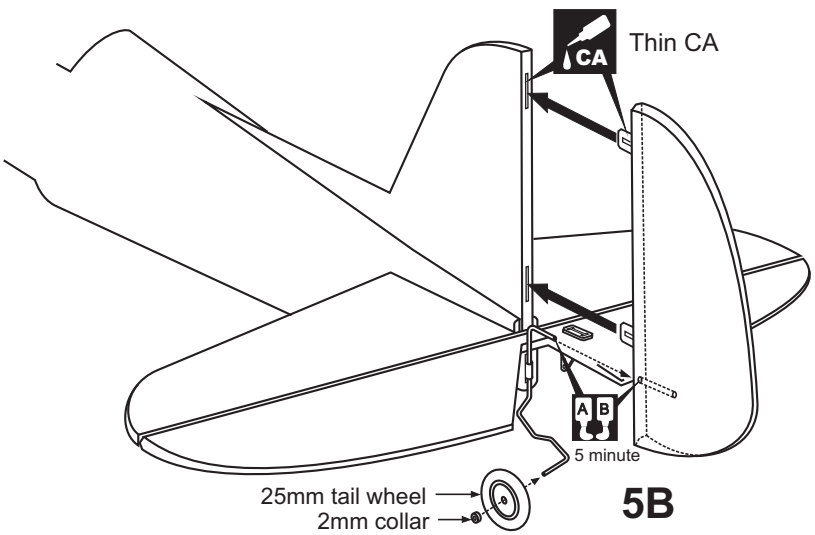




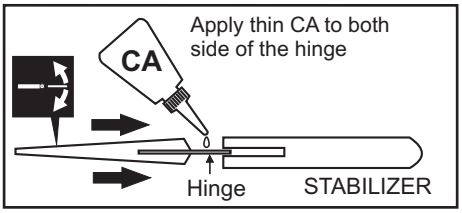
5

Push the rudder and its hinges into the hinge slots in the trailing edge of the horizontal stabilizer. There should be a minimal hinge gap.
When satisfied with the and alignment, hinge the elevator to the horizontal stabilizer using CA glue.





Drill a 2mm diameter hole in torque rod mounting slot, marking sure that you drill the hole perpendicular to the leading edge of the rudder.



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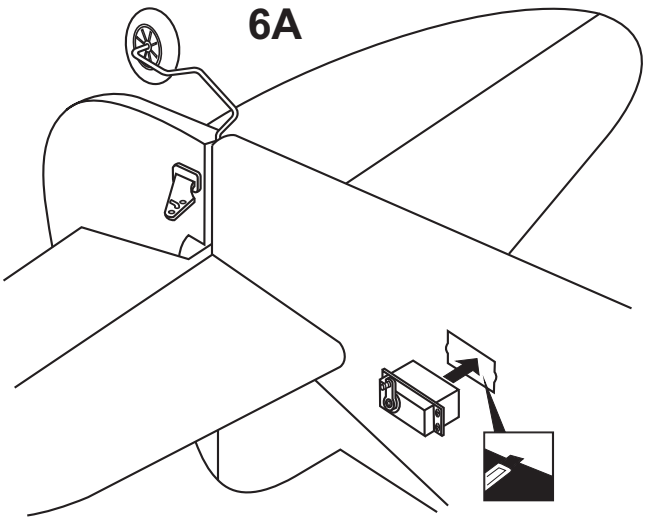
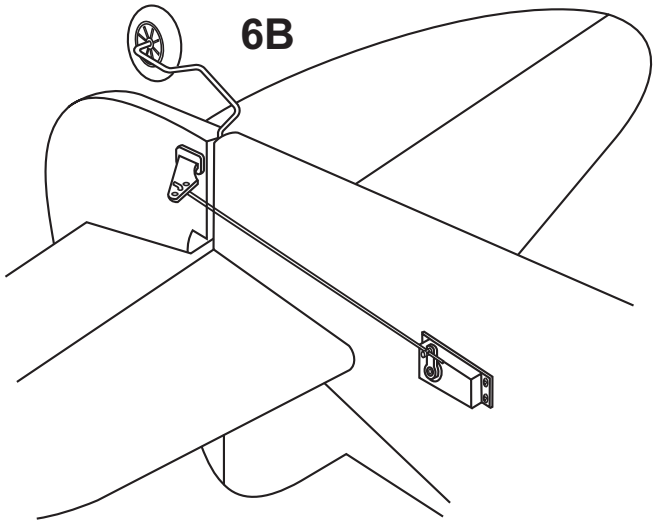
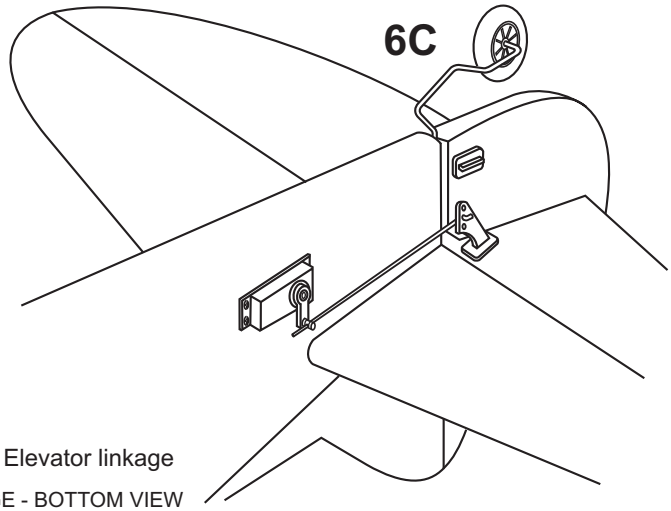


FUSELAGE - BOTTOM VIEW

The holes for the rudder servo are Pre-cut at factory..
Cut away only the covering



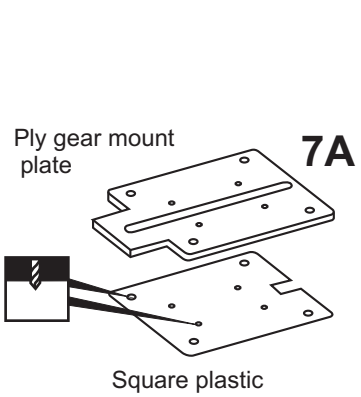
Rudder linkage
FUSELAGE - BOTTOM VIEW

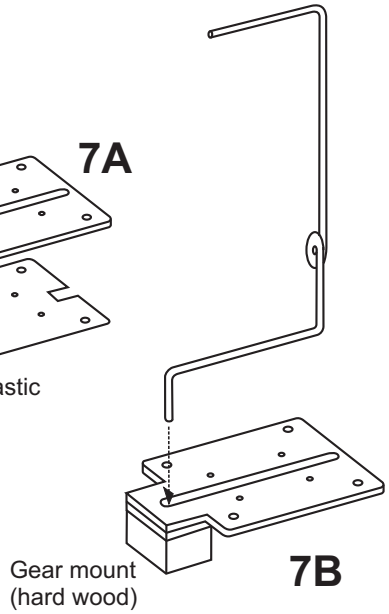


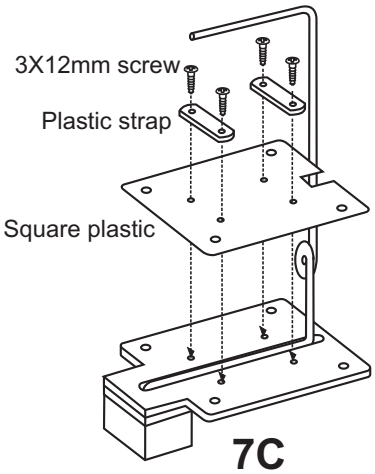
Elevator linkage
FUSELAGE - BOTTOM VIEW

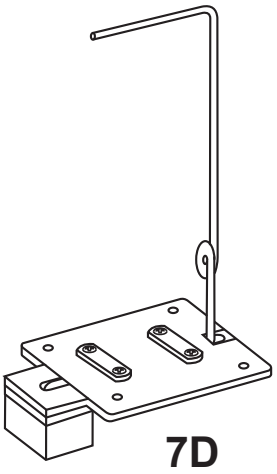
7

Using a ply gear mount plate as a template, mark the square plastic where the holes are to be drilled (7A).

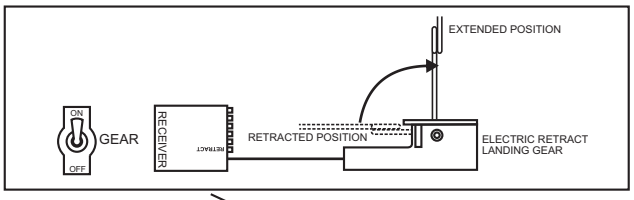




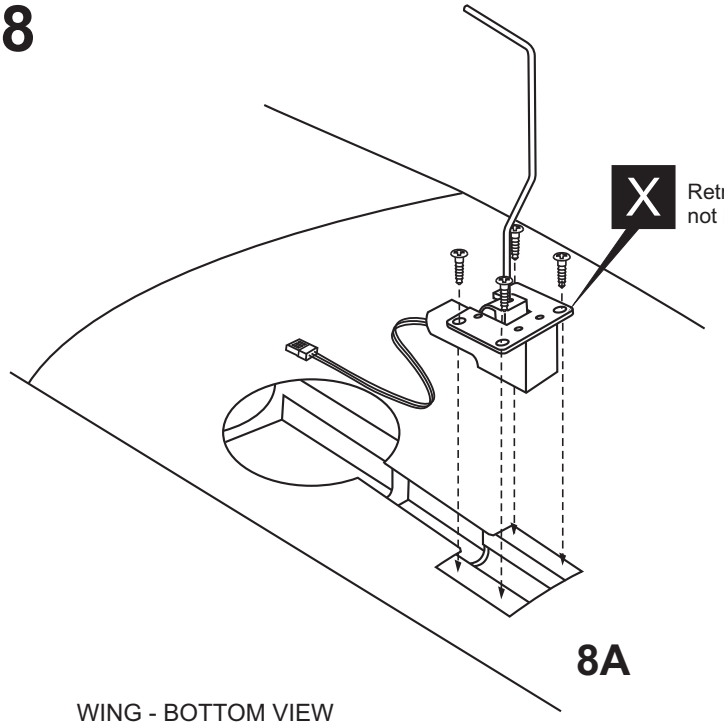




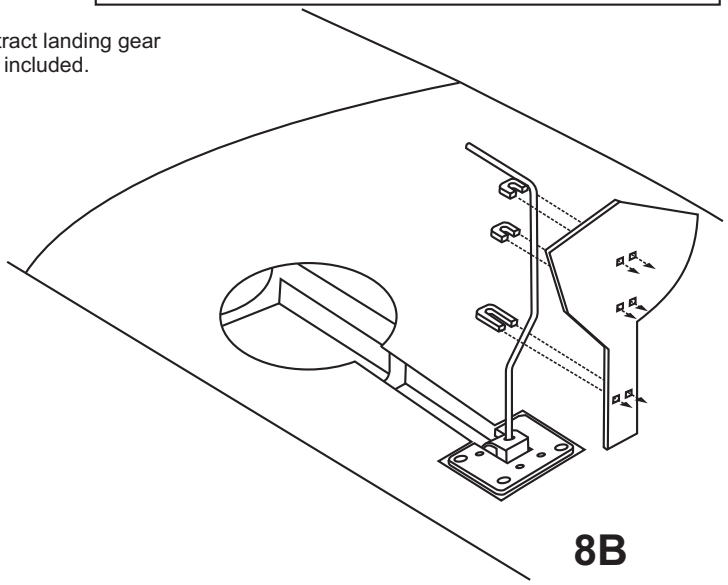
8



X Retract landing gear not included.



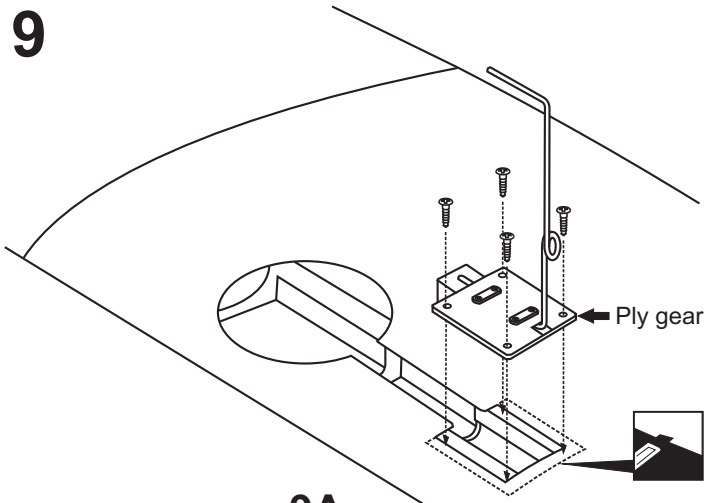
8A



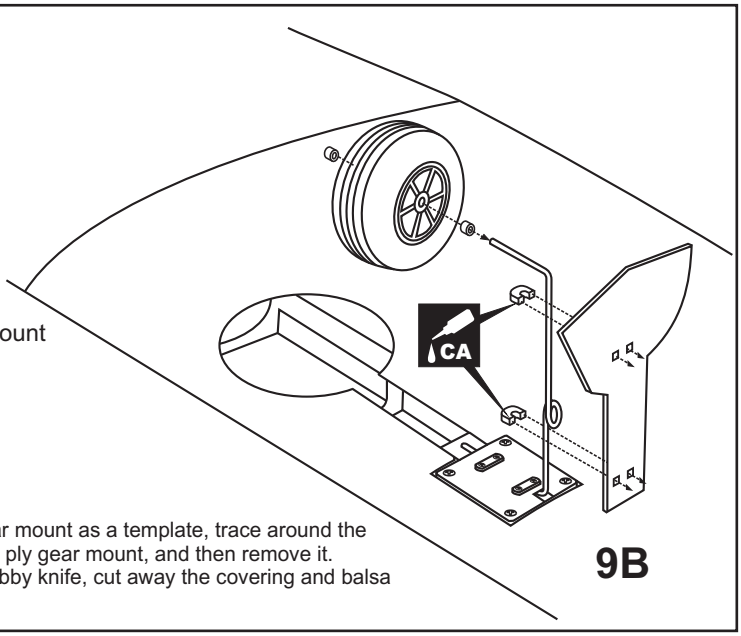
8B

WING - BOTTOM VIEW

9



9A

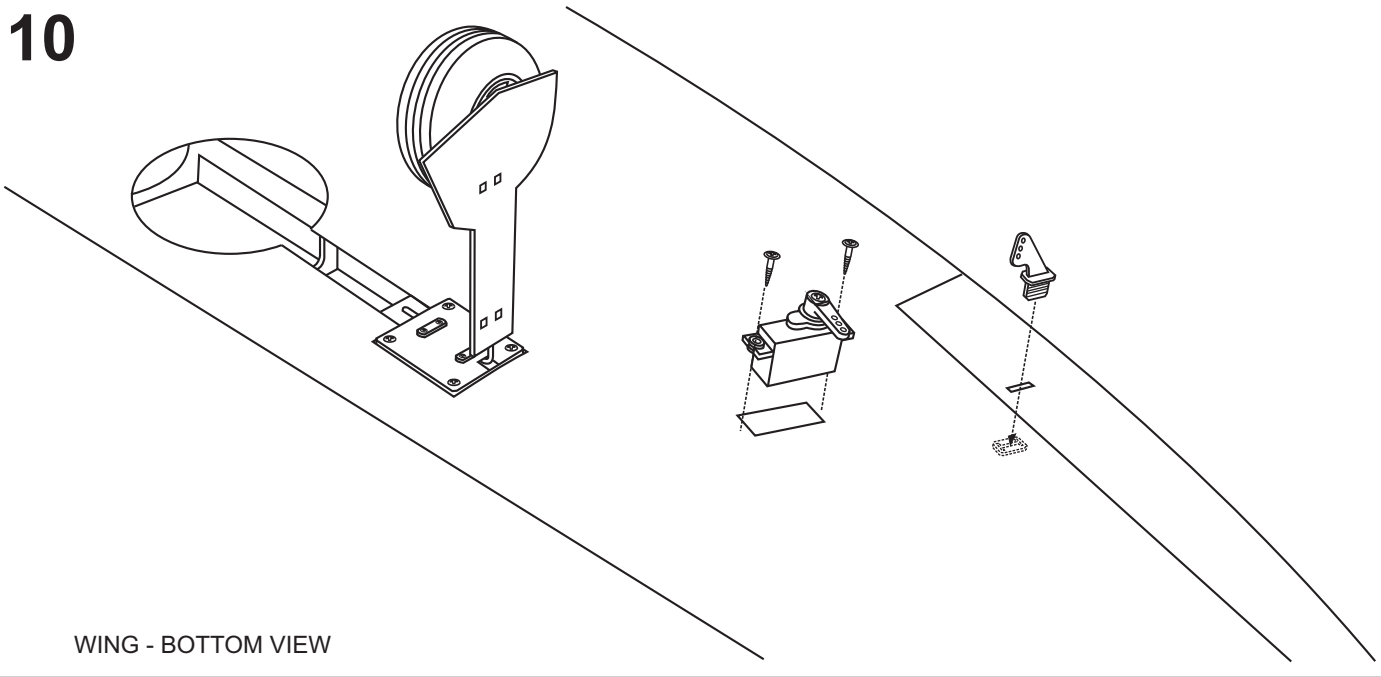


9B

1-Using the ply gear mount as a template, trace around the outside edge of the ply gear mount, and then remove it.
2-Using a sharp hobby knife, cut away the covering and balsa along the lines.

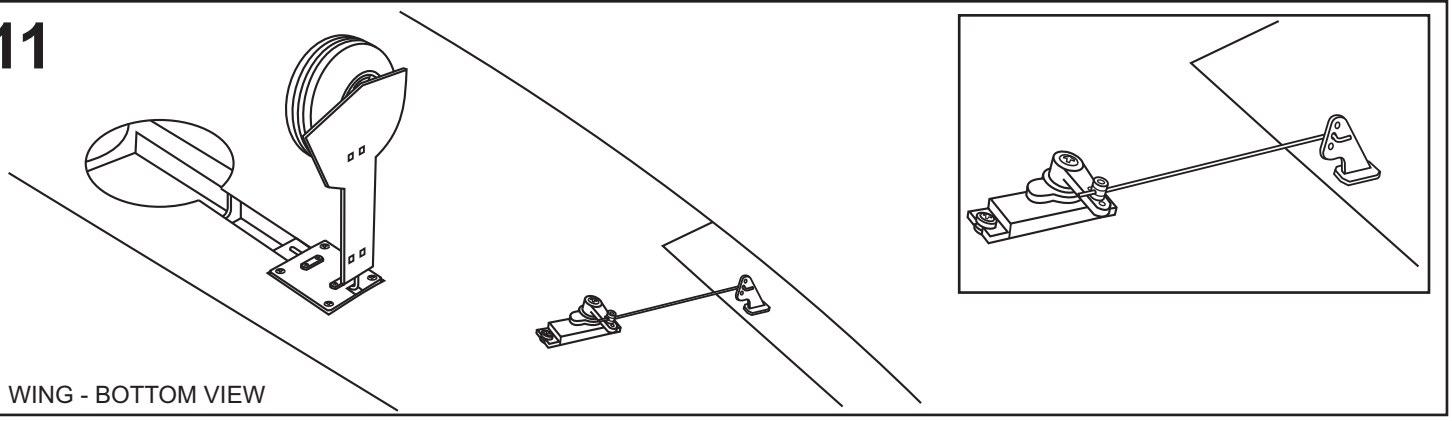
WING - BOTTOM VIEW

10



WING - BOTTOM VIEW

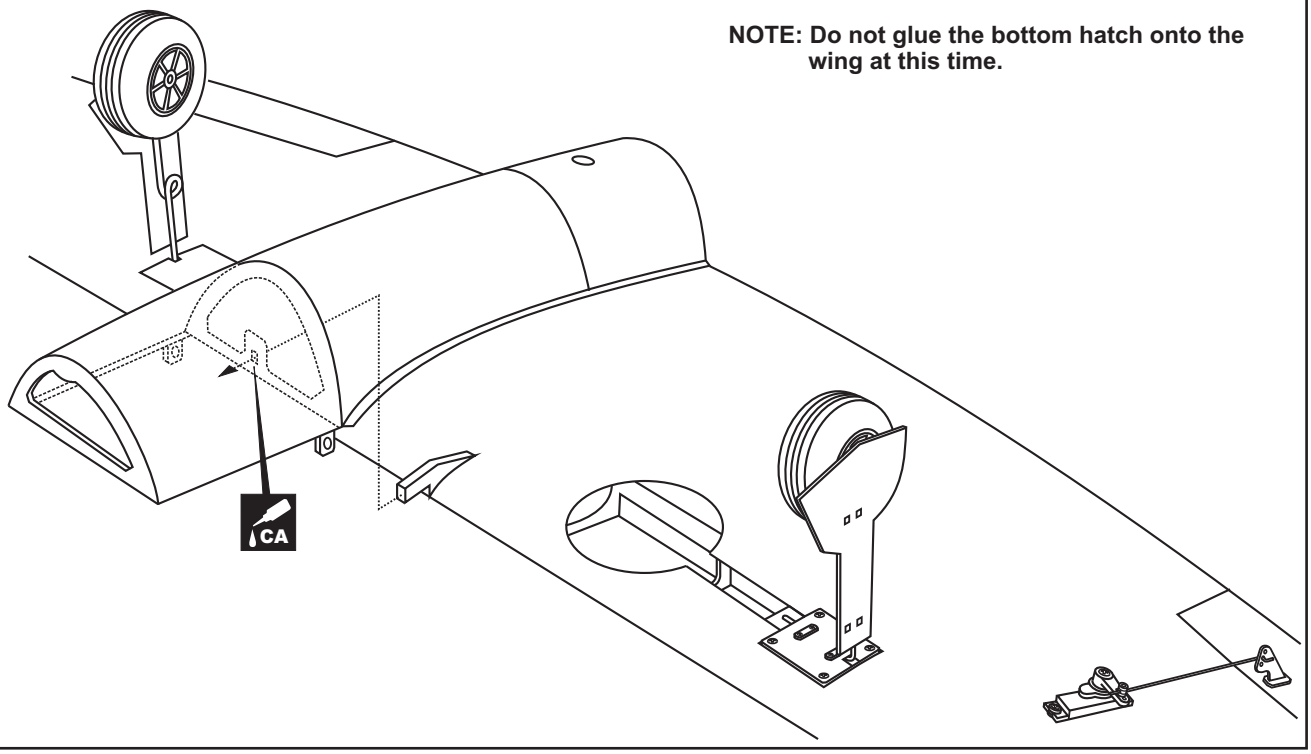
11



WING - BOTTOM VIEW

12

NOTE: Do not glue the bottom hatch onto the wing at this time.



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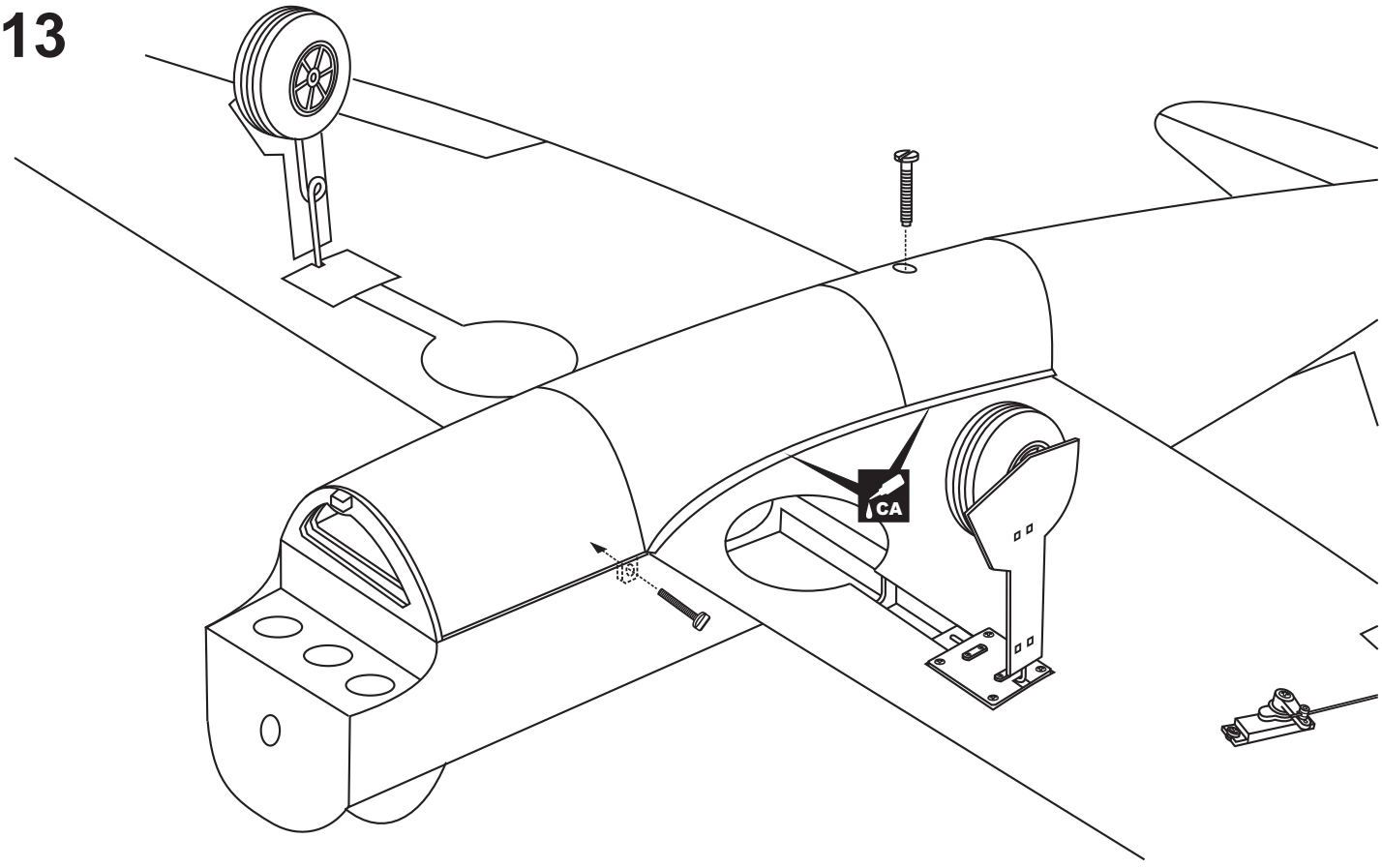
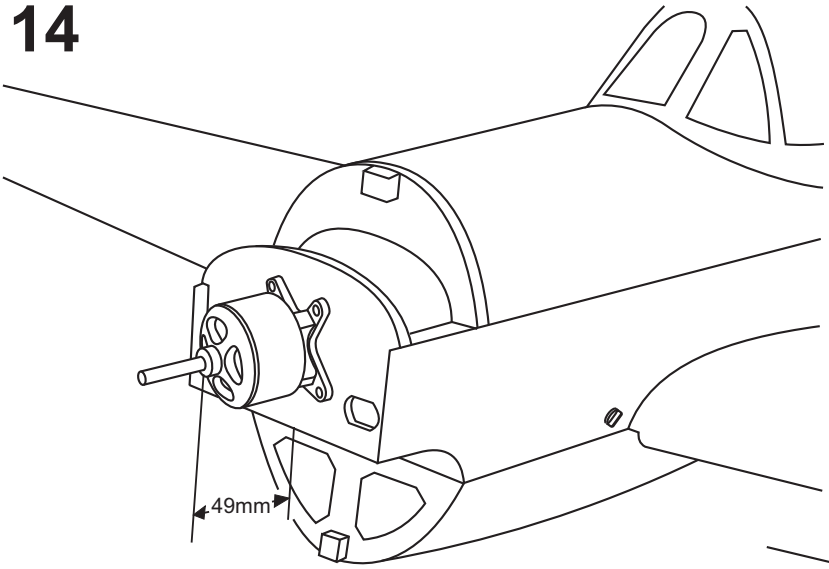
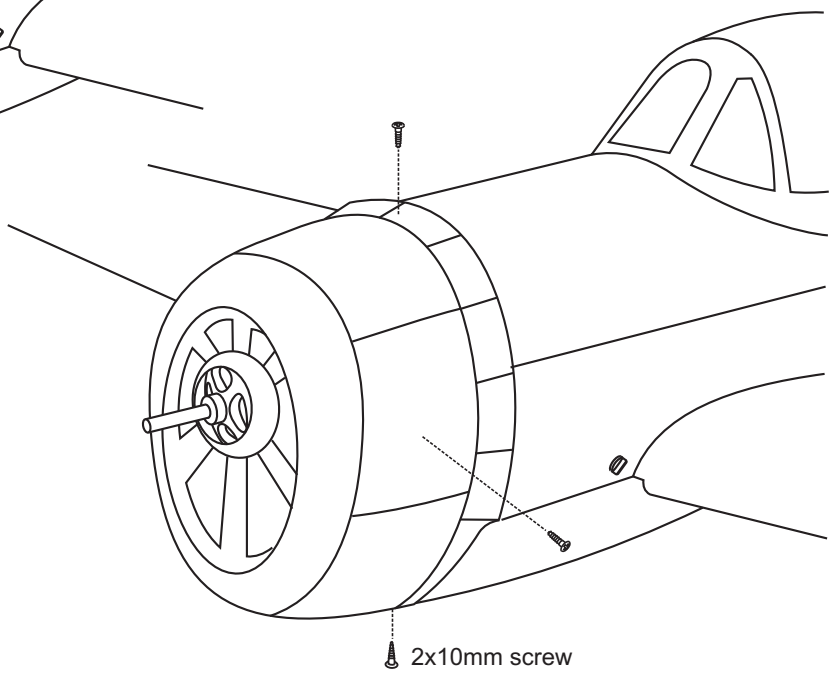


14

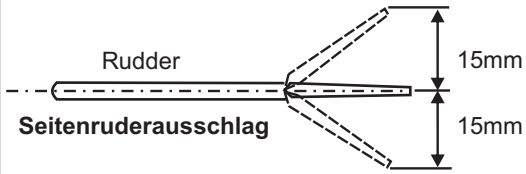


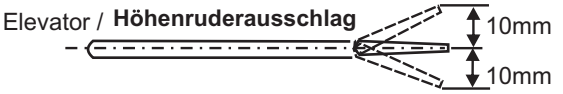
Note: Position the motor on to the fire-wall so the distance from the prop hub to the fire wall is 49mm.



15

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





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 !