R/C Flugmodell R/C Airplane Model

# **TIGER MOTH DH-82**



ALL BALSA, PLYWOOD CONSTRUCTION AND ALMOST READY TO FLY

# **Anleitung / Instructions**

VQ No: VQA139R/Y/DK

### **TECHNISCHE DATEN**

Spannweite	1400mm
Länge	1180mm
Elektroantrieb	750W
Verbrennerantrieb	7.45cc - 11.5cc
Fluggewicht	3,5Kg
Fernsteuerung 5	Kanal / 4 5 Servos

#### **SPECIFICATIONS**

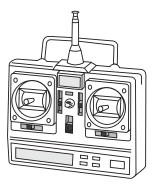
Wingspan:	1400mm
	1180mm
	750W
RTF Weight: 3.I	Kg (will vary with equipment
use)	
Radio:	5 Channel / 4-5 Servos
Function: Ailer	ons-Flevator-Rudder-Throttle



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 Unterstätzen, wenn Sie Hilfe im Bau und benötigen. Der Zusammenbau dieses Modells ist durch die vielen Abbildungen gelbetzeit genoch und ist für festgesehritten. durch die vielen Abbildungen selbsterklärend und ist für fortgeschrittene, erfahrene Modellbauer bestimmt.

### Für den Betrieb erforderlich / Items needed

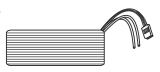




Luftschraube 12x5 (Holz), # C9714 Propeller 12x5 (Wooden)

Fernsteuerung GigaProp 6 # C8802

Radio Set GigaProp 6



**LiPo Akku 4500 - 11,1V** # **C9421** LiPo Battery 4500- 11,1V

Akku Klettbänder # C4738

**Battery Straps** 

Passendes Zubehör finden Sie hier: Find all suitable accessories here:



Servokabelverlängerung x2, # C2036

Servo Extensionwire

Servokabelverlängerung x2, # C1393 Servo Extensionwire



Brushless Power Set BOOST 40 # C9109



MASTER SERVO DS4020 x2, # C4994

**MASTER SERVO** 

DS3012MG x2, # C7578

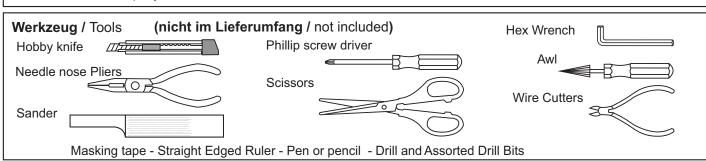
www.pichler-modellbau.de

## W W W I profition



5-Minute Epoxy, # X3598-120

Sekundenkleber / CA Glue, # X3572



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 edges by using a hot iron.

Bei Sonneneinstrahlung und/oder Wärme kann die Folie erschlaffen bzw. Falten entstehen. Verwenden Sie einen Haartrockener, um die Folie ggf. zu spannen. Die Kanten können Sie vorsichtig mit einem Bügeleisen behandeln. Nicht zuviel Hitze anwenden!

tze anwenden!

Symbols used throughout this instruction manual, comprise:



Drill holes using the stated size of drill (in this case 1.5 mm)



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



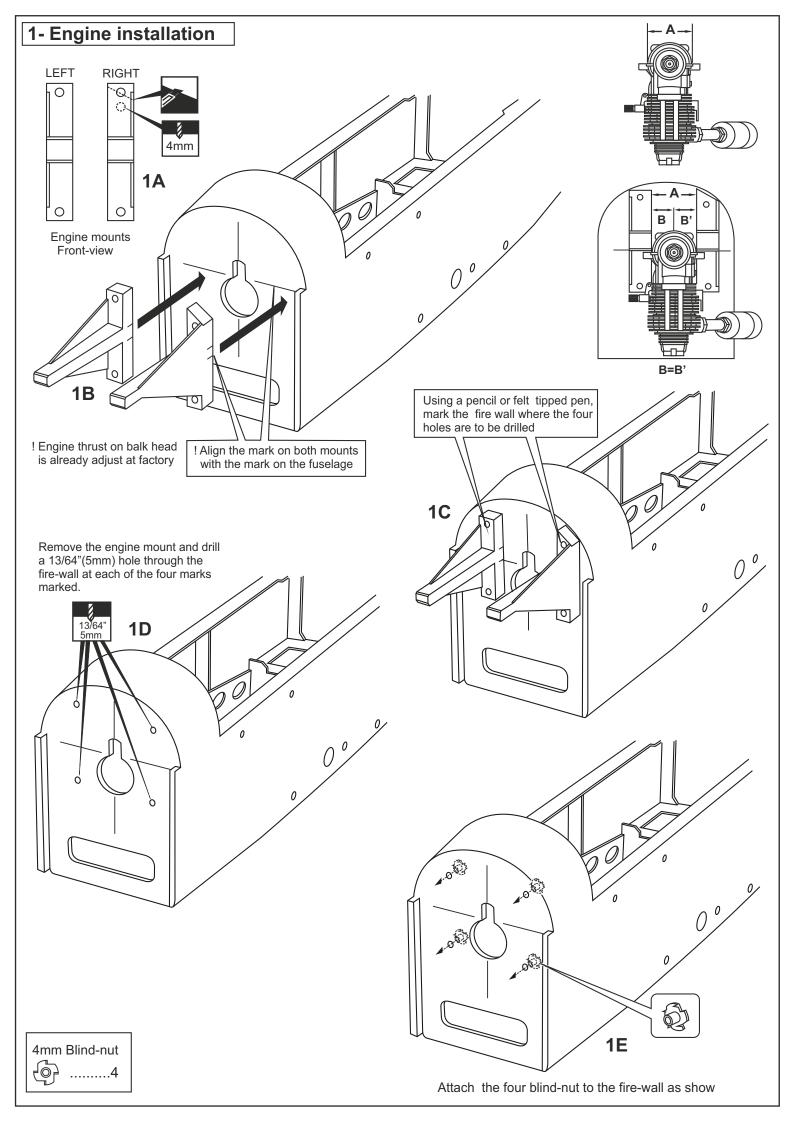
Linke und rechte Seite wird gleichermaßen zusammengebaut

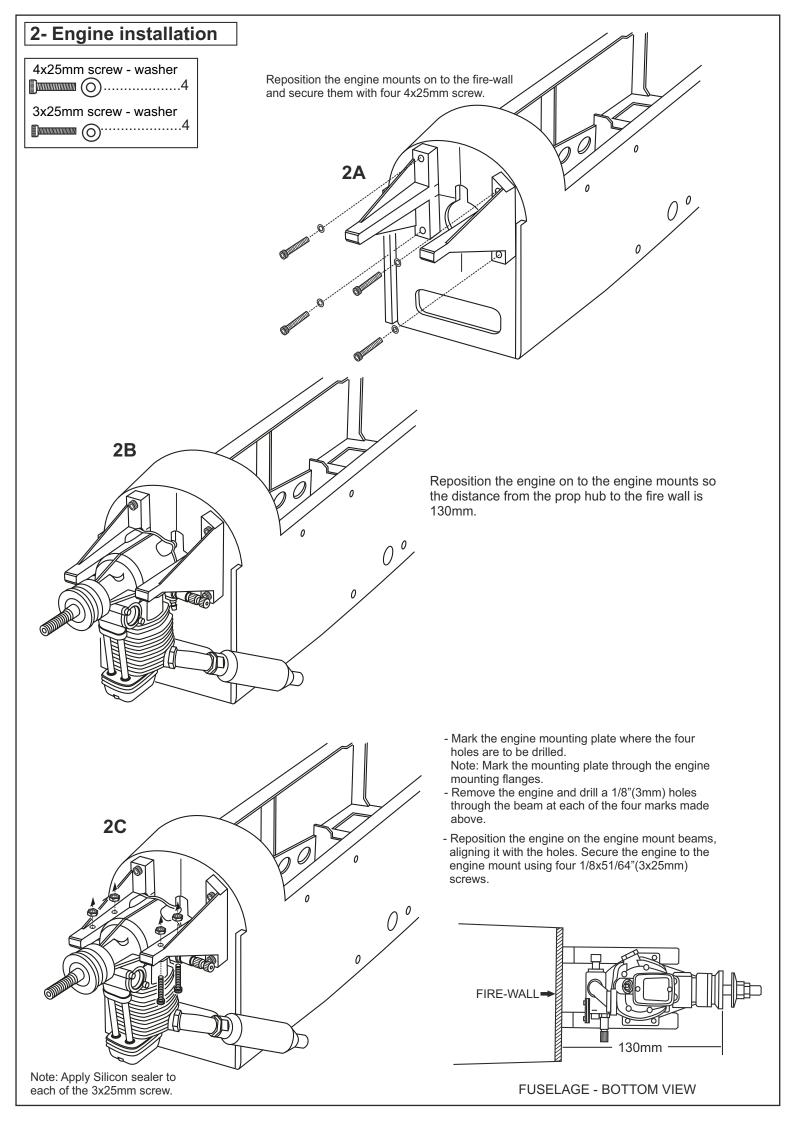


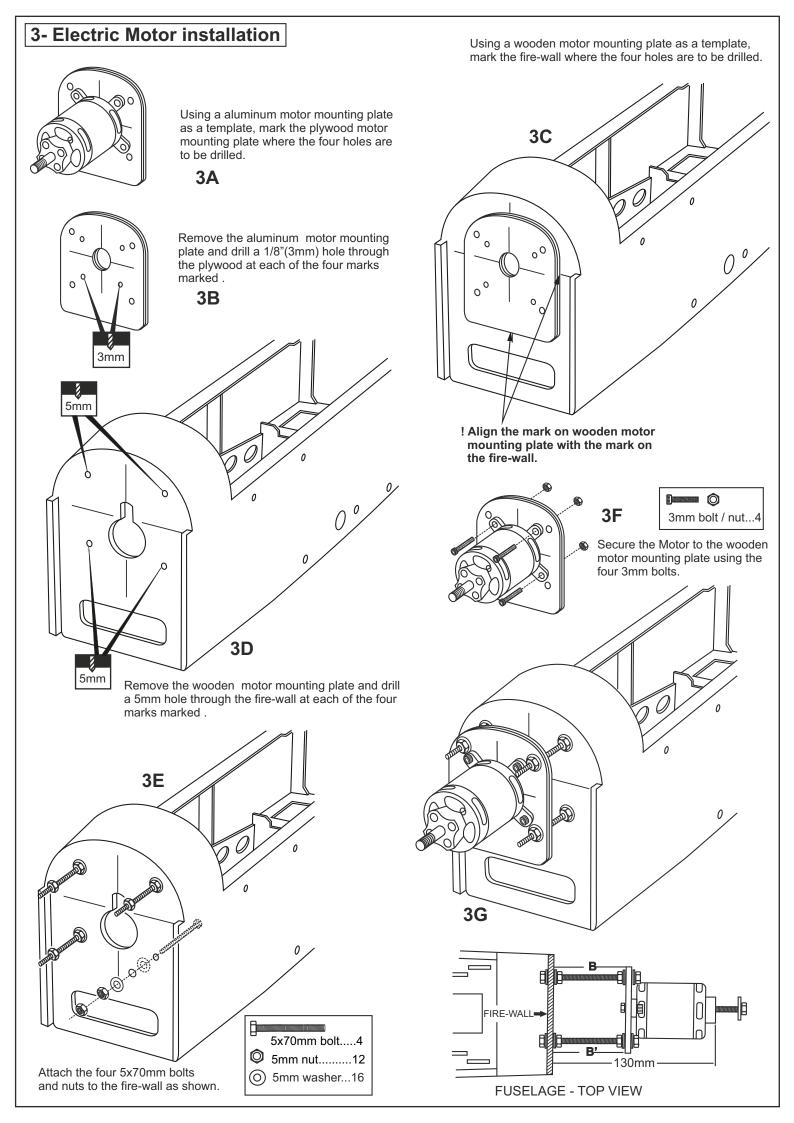
Nicht enthalten. Teile müssen separat gekauft werden.

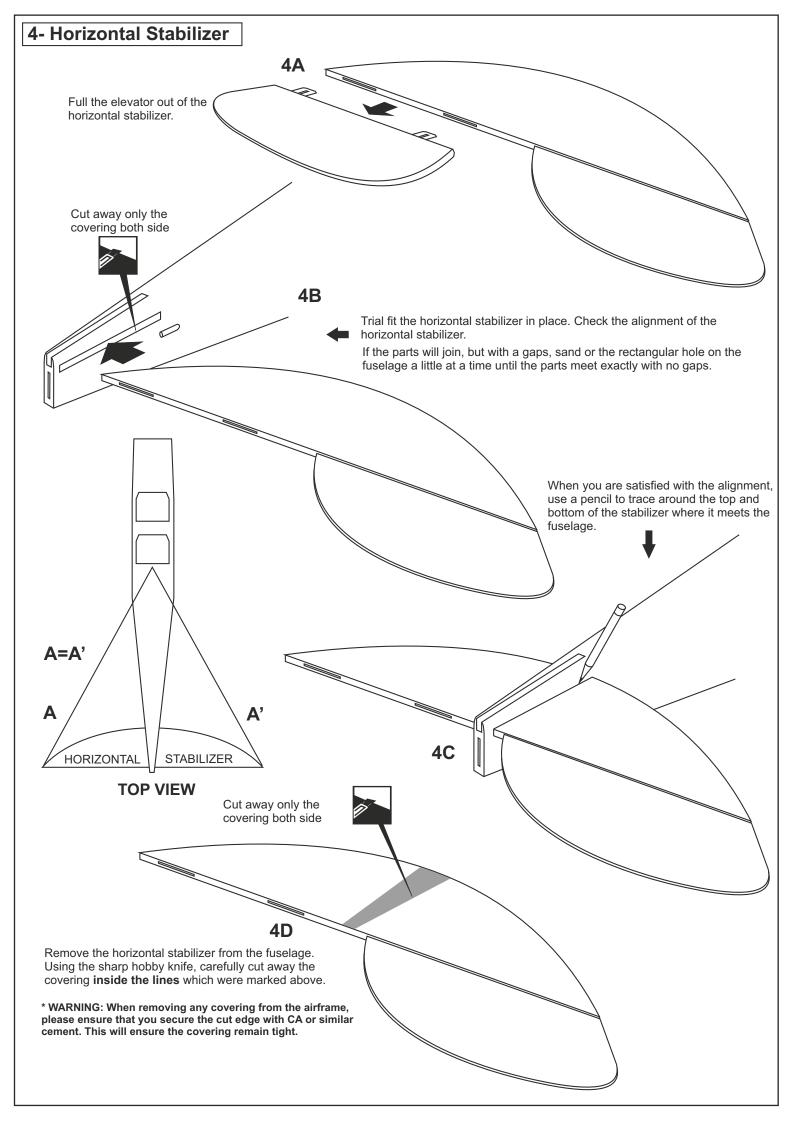
# Read through the manual before you begin, so you will have an overall idea of what to do. CONVERSION TABLE

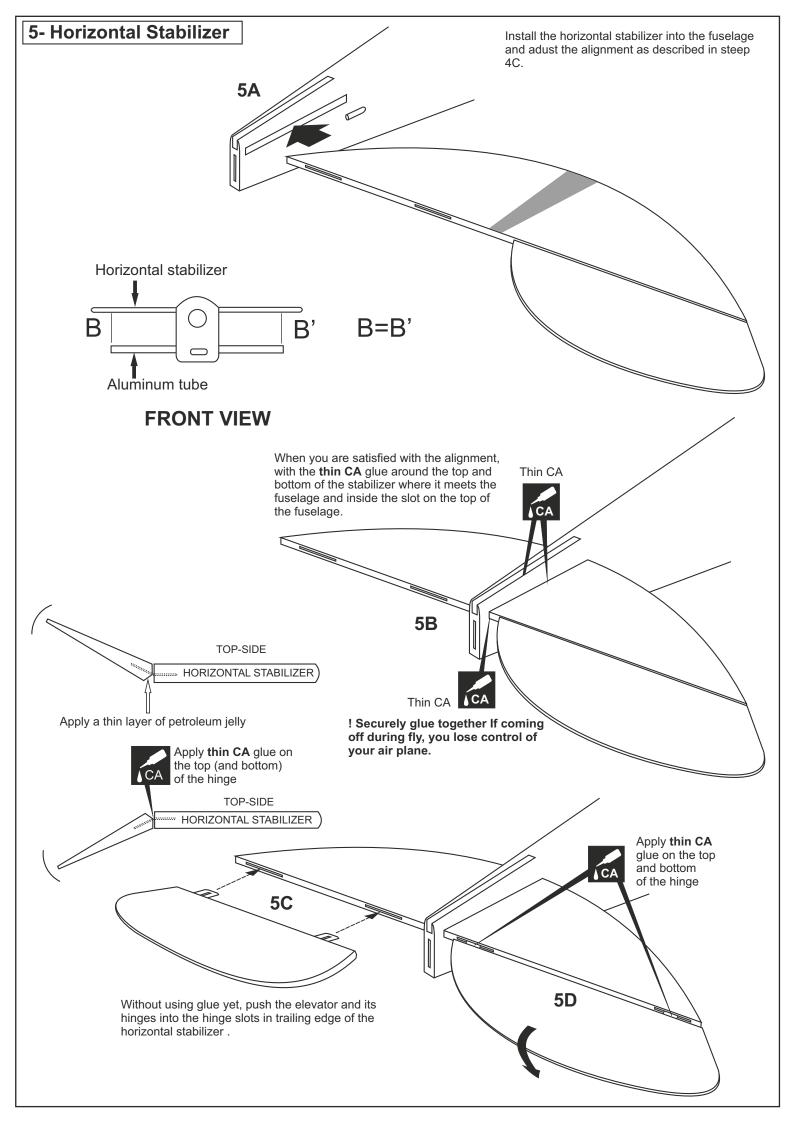
1.0mm = 3/64"	3.0mm = 1/8"	10mm = 13/32"	25mm = 1"
1.5mm = 1/16"	4.0mm = 5/32"	12mm = 15/32"	30mm = 1-3/16"
2.0mm = 5/64"	5.0mm = 13/64"	15mm = 19/32"	45mm = 1-51/64"
2.5mm = 3/32"	6.0mm = 15/64"	20mm = 51/64"	

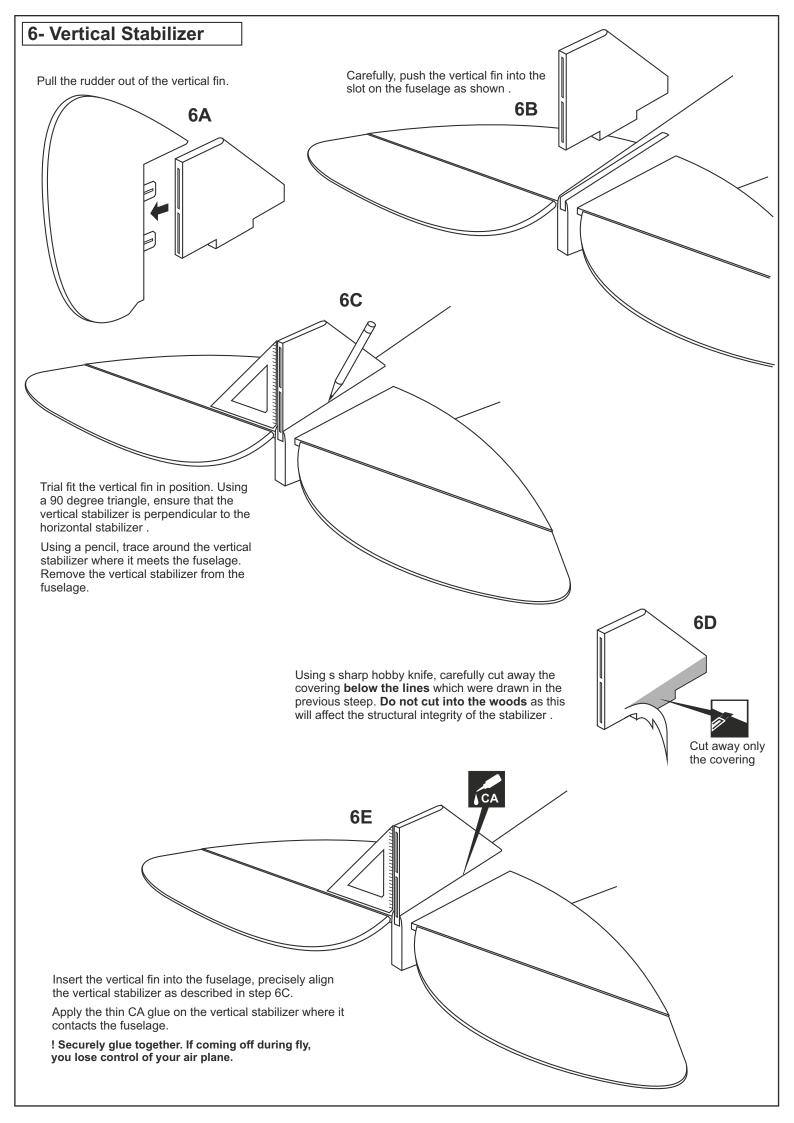


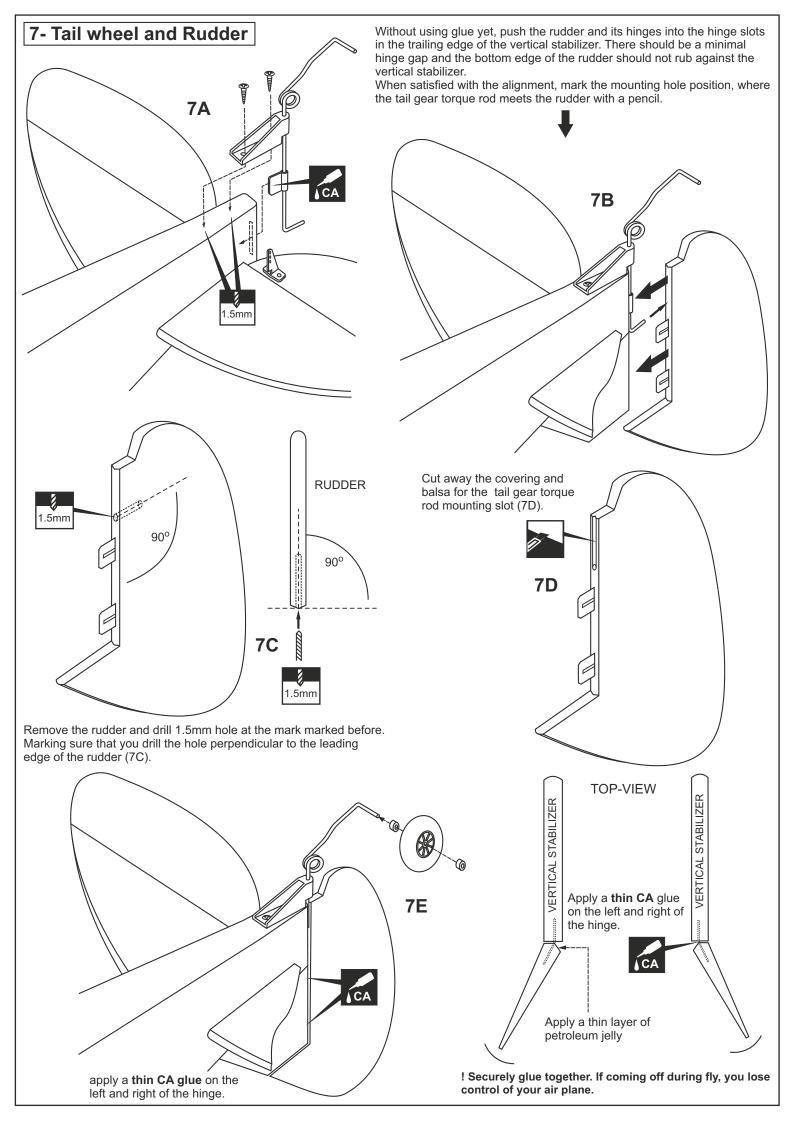


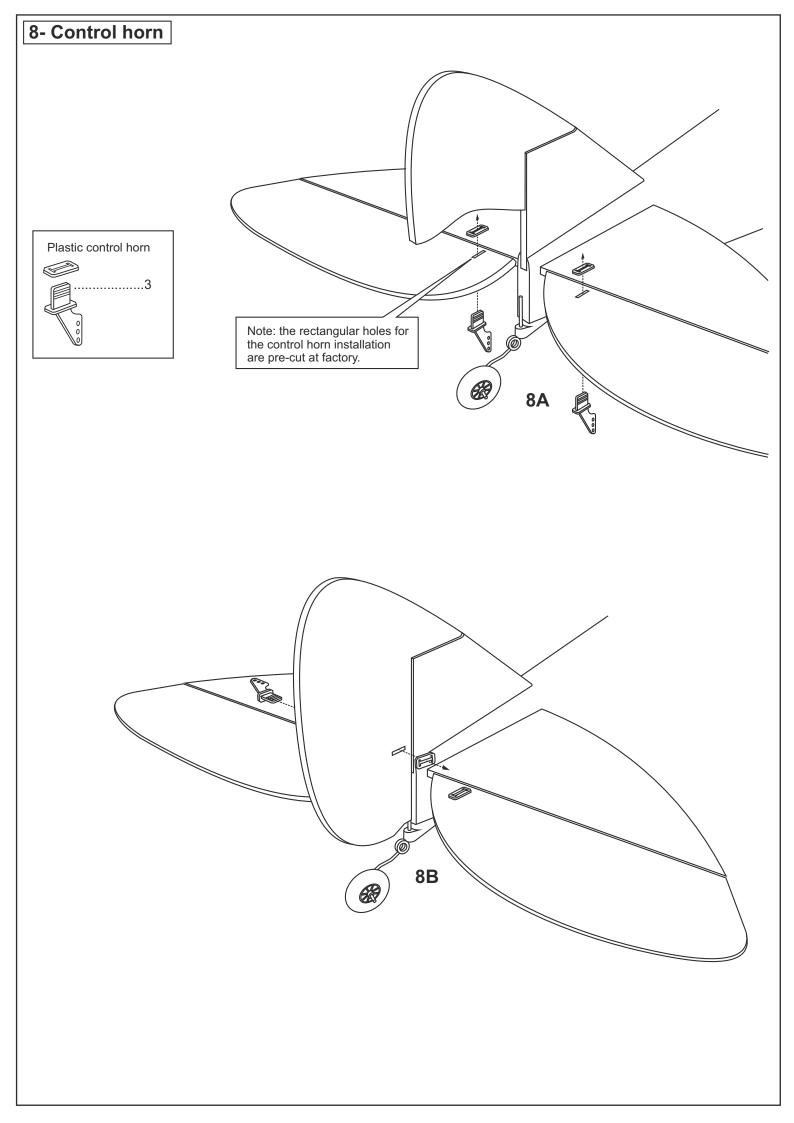


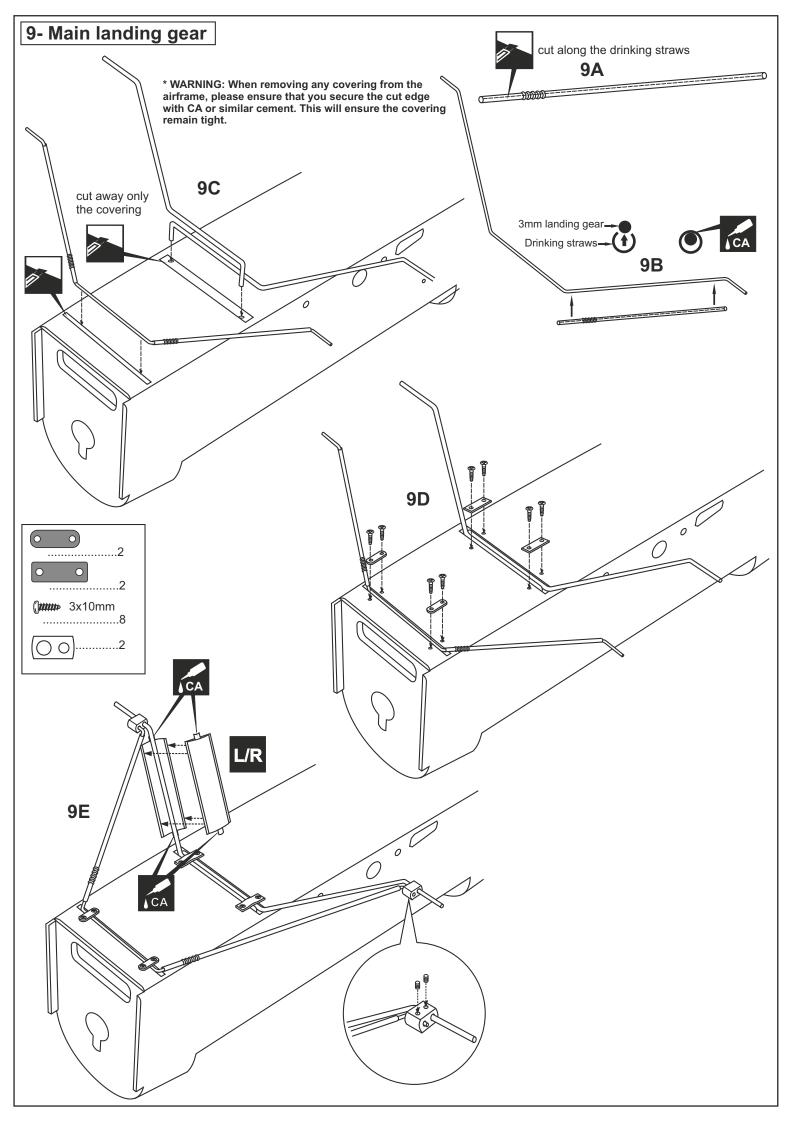


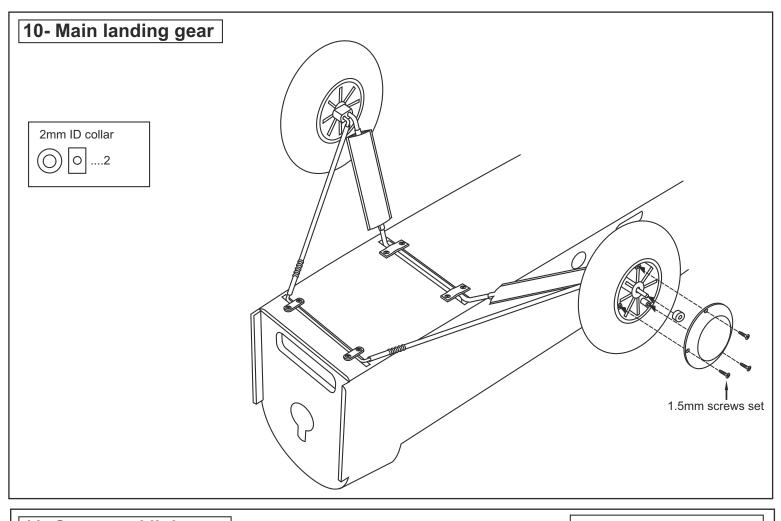


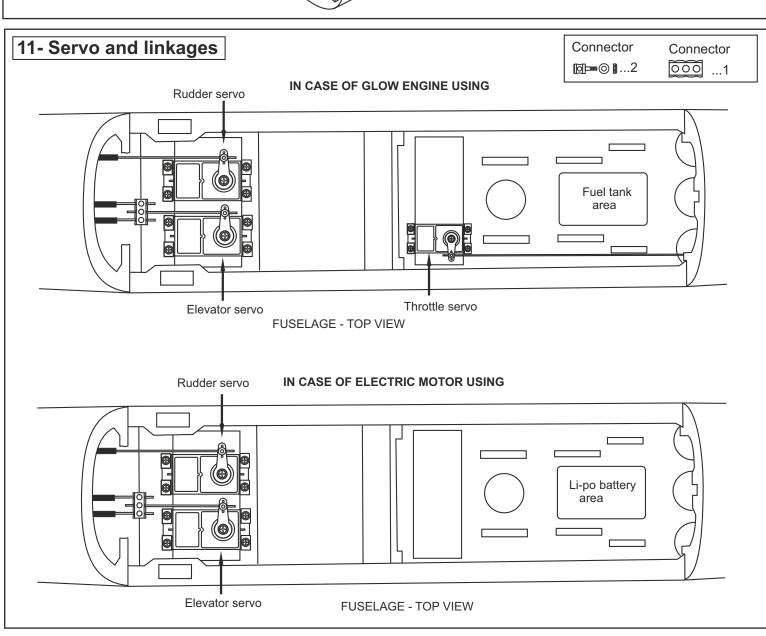


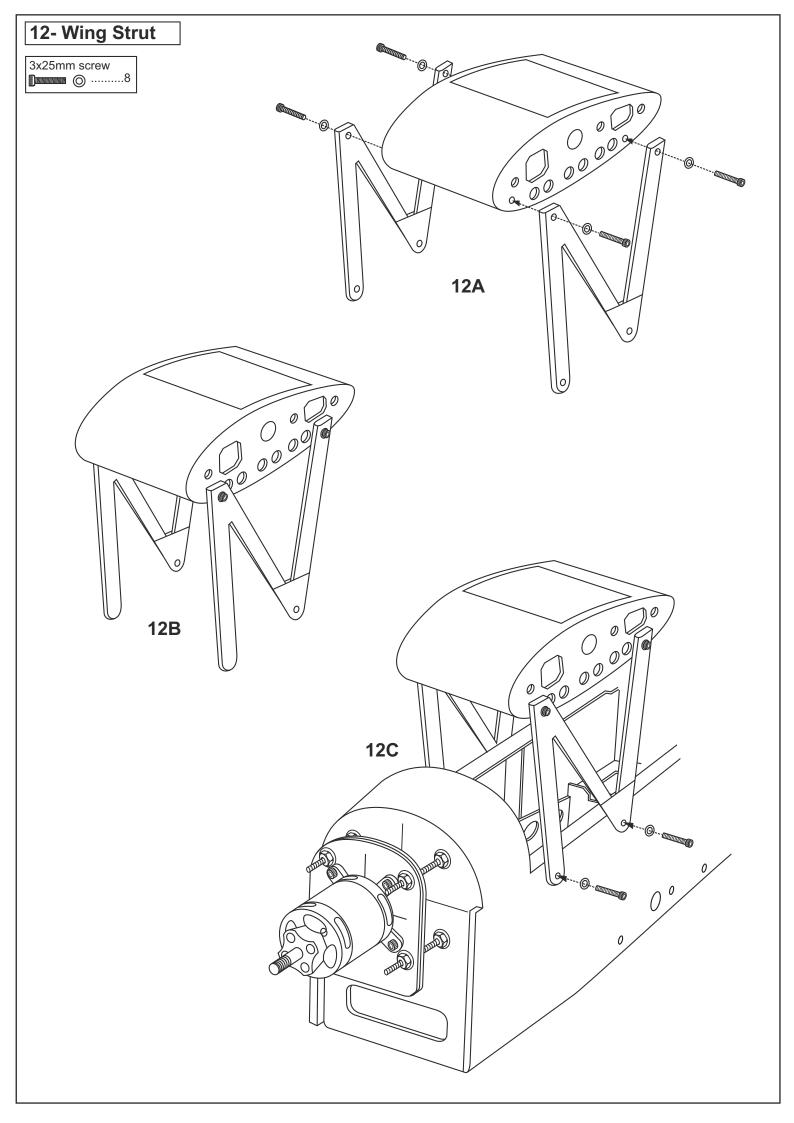


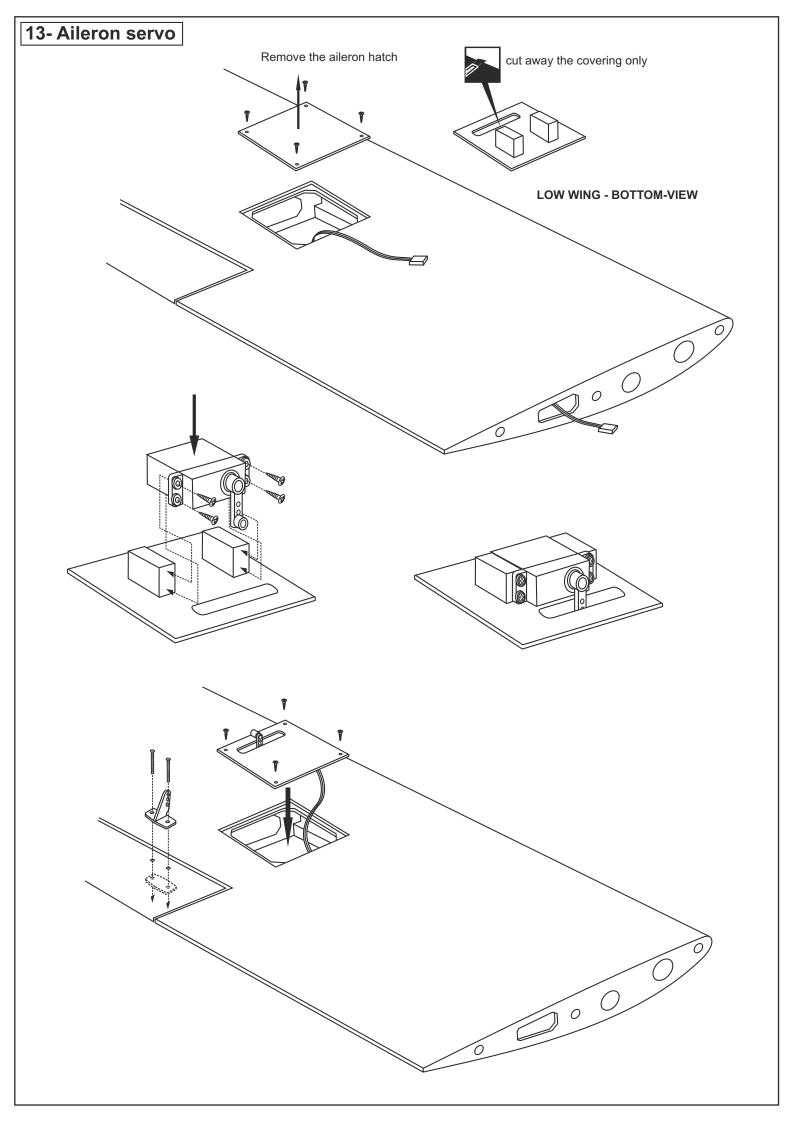


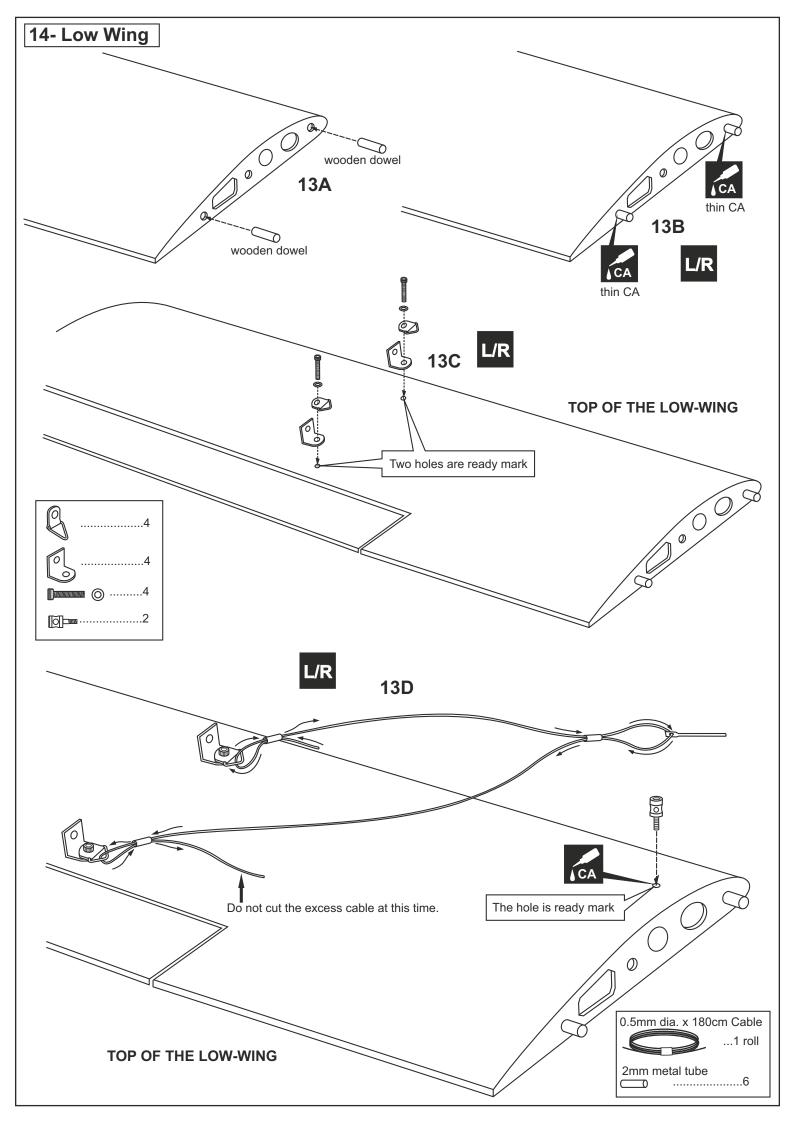


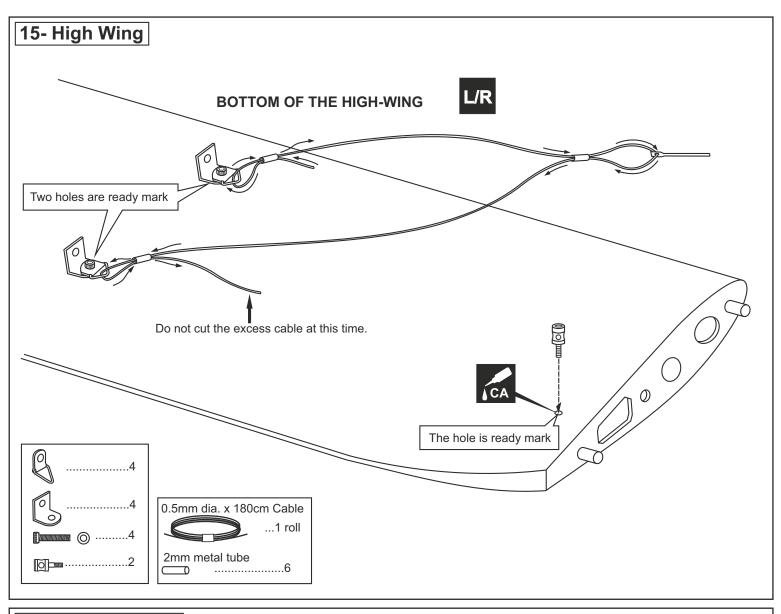


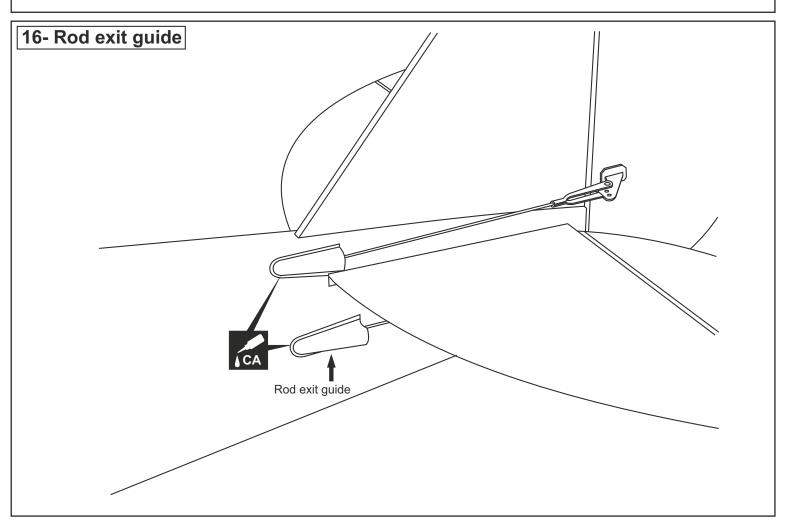


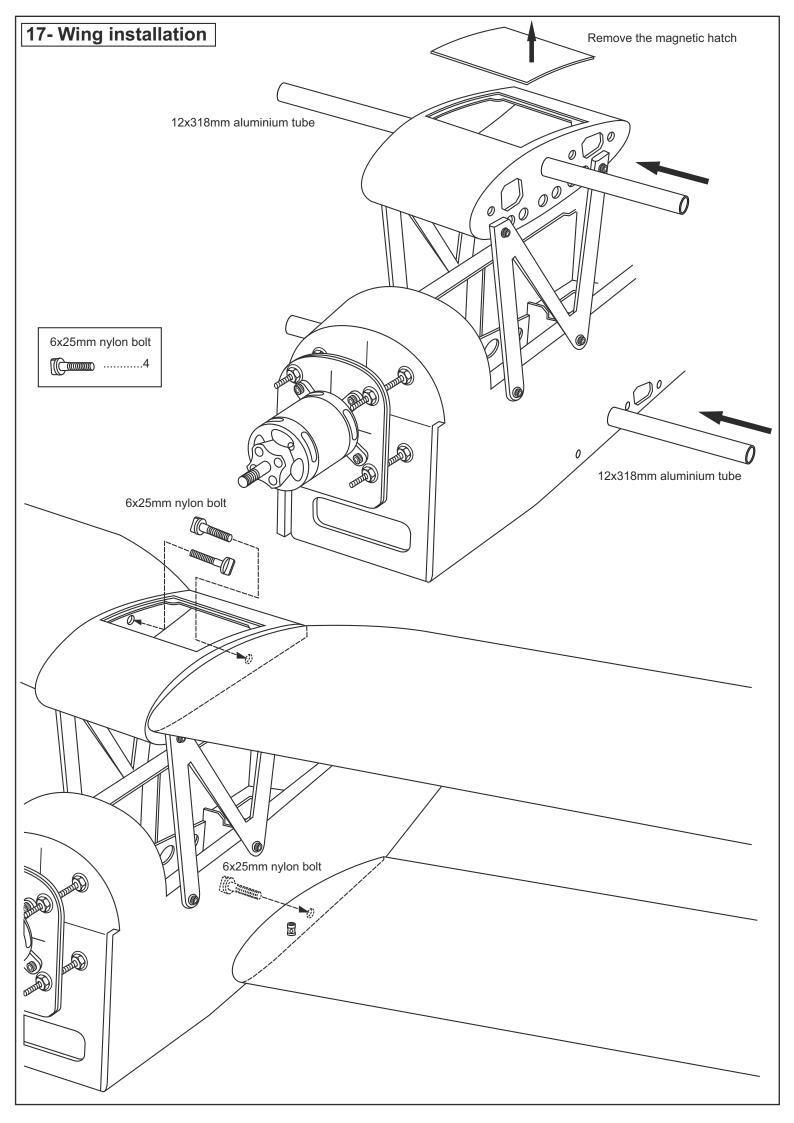


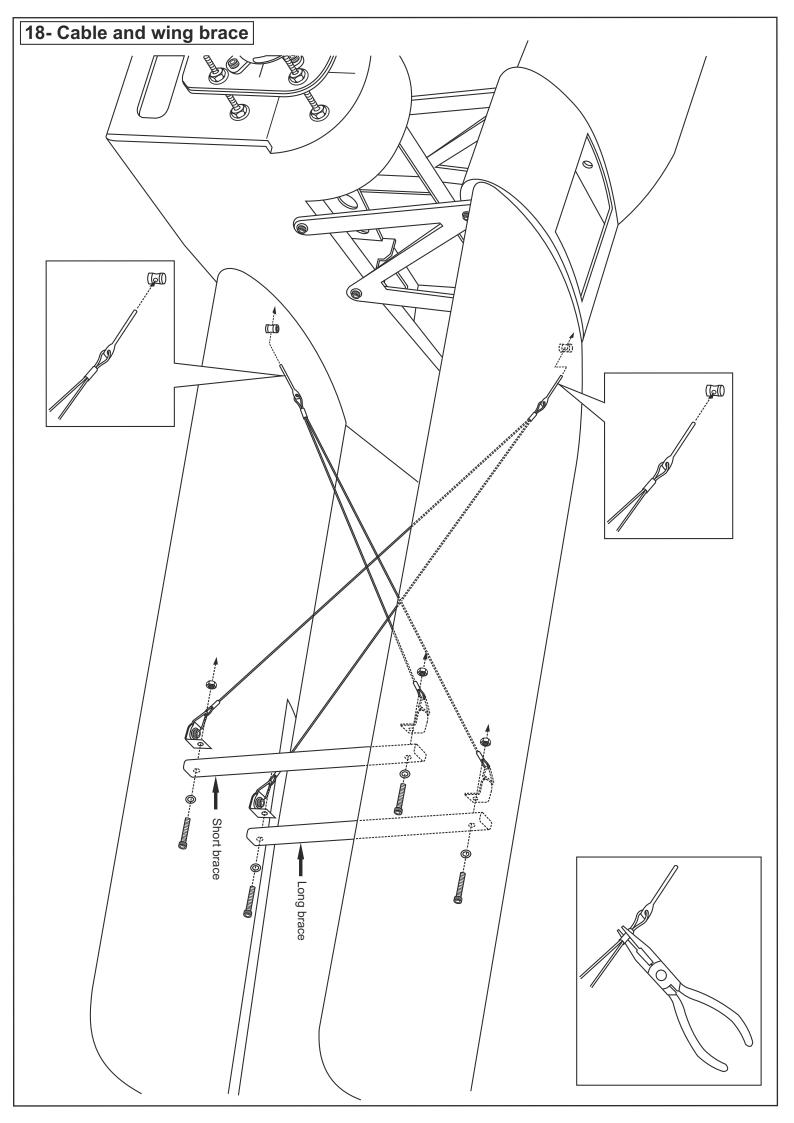


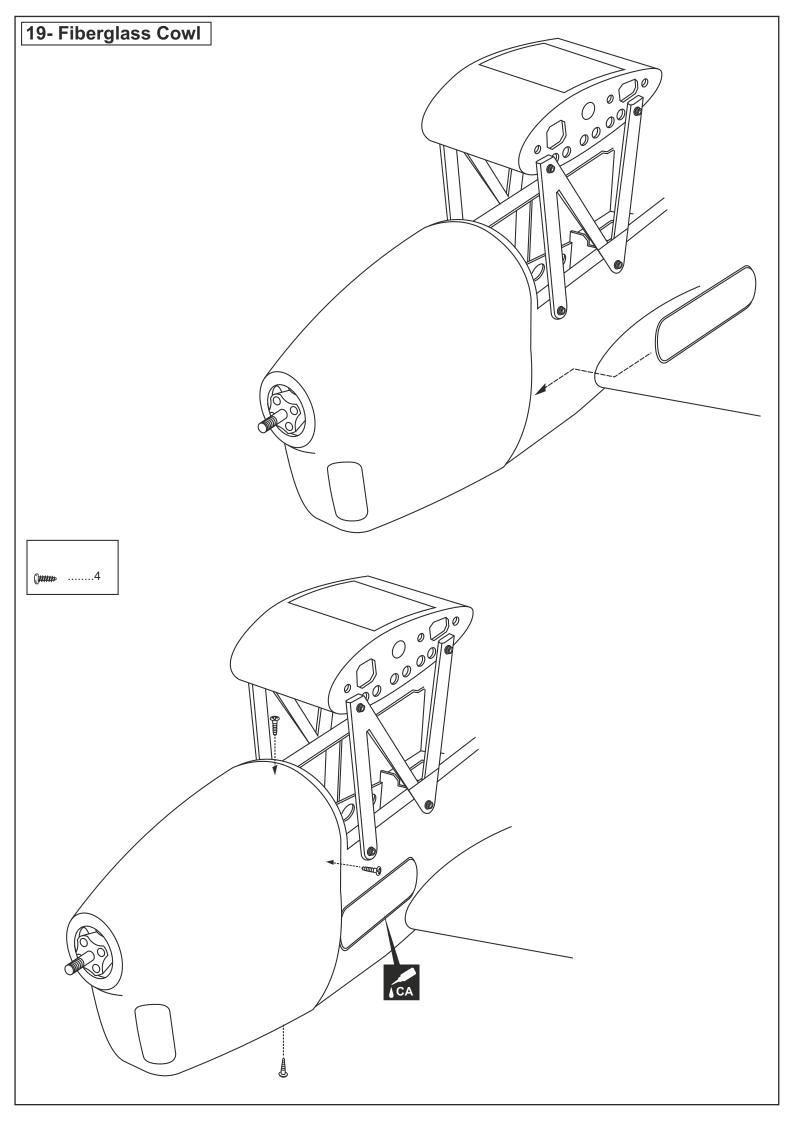


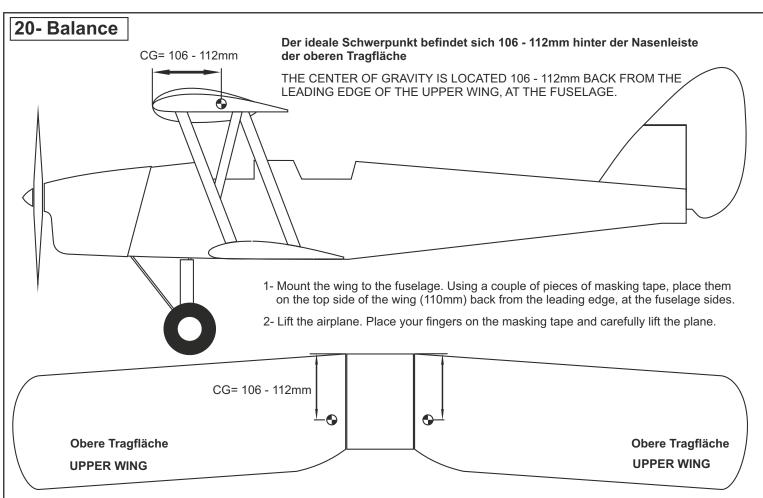












3- If the nose of the plane falls, the plane is heavy nose. To correct this, move the battery pack further back in the fuselage. If the tail of plane falls, the plane is tail heavy. To correct this, move the battery forward or if this is not possible, stick weight onto the firewall.

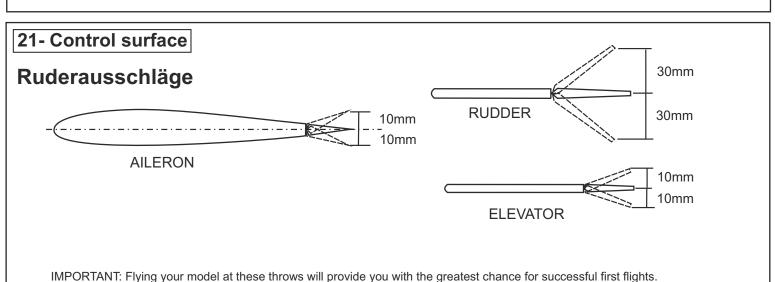
When balanced correctly, the airplane should level or slightly nose down when you lift it up with your fingers.

#### 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!



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".