Radio control model / Flugmodel

U.S NAVY FIGHTER

F6F HELLCAT



VQ No: VQA120 ALL BALSA, PLYWOOD CONSTRUCTION AND ALMOST READY TO FLY

Instruction manual / Montageanleitung

SPECIFICATIONS

See next pager
46 2-T / .70 4-T
vary with equipment
nannel / 8-9 Servos
ator-Rudder-Throttle
able Landing Gear.

Wingspan:1535mm Length:130mm

TECHNISCHE DATEN

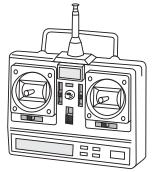
Spannweite:	1535mm
Länge:	1130mm
Elektroantrieb	(siehe nächste Seite)
Verbrennerantrieb:	7.45cc - 11.5cc
Fluggewicht:	3.5Kg
Fernsteuerung	8 Kanal / 8-9 Servos



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 Unterstätzung, 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)





10.5x6 for .40 - 2 cycle engine 11x6 for .46 2 cycle engine - 4 cycle engine 12x6 for .60 12x7 for .70 - 4 cycle engine 13x7 - 13x8 for electric motor



Extension cord for aileron servos: 50cm(x2) Extension cord for flap servos: 50cm(x4) Extension cord for retract servos: 30cm(x2) Extension cord for Rx battery pack: 20cm(x1)



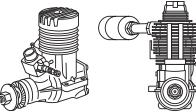
Standard







Throttle: 1 mini servo (for glow engine only)



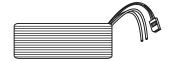
.60 ~.70 - 4 cycle .46 ~ .50 - 2 cycle



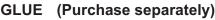




700-800W Brushless Motor



5 cell 4500mAh LiPo battery







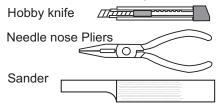
Cyanoacrylate Glue (thin type)

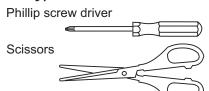
Silicone tube

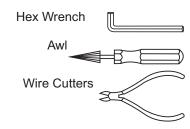


Epoxy Glue (30 minute type)

TOLLS REQUIRED (Purchase separately)



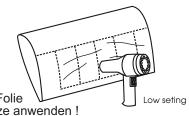




Masking tape - Straight Edged Ruler - Pen or pencil - Drill and Assorted Drill Bits

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 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 1.5mm 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



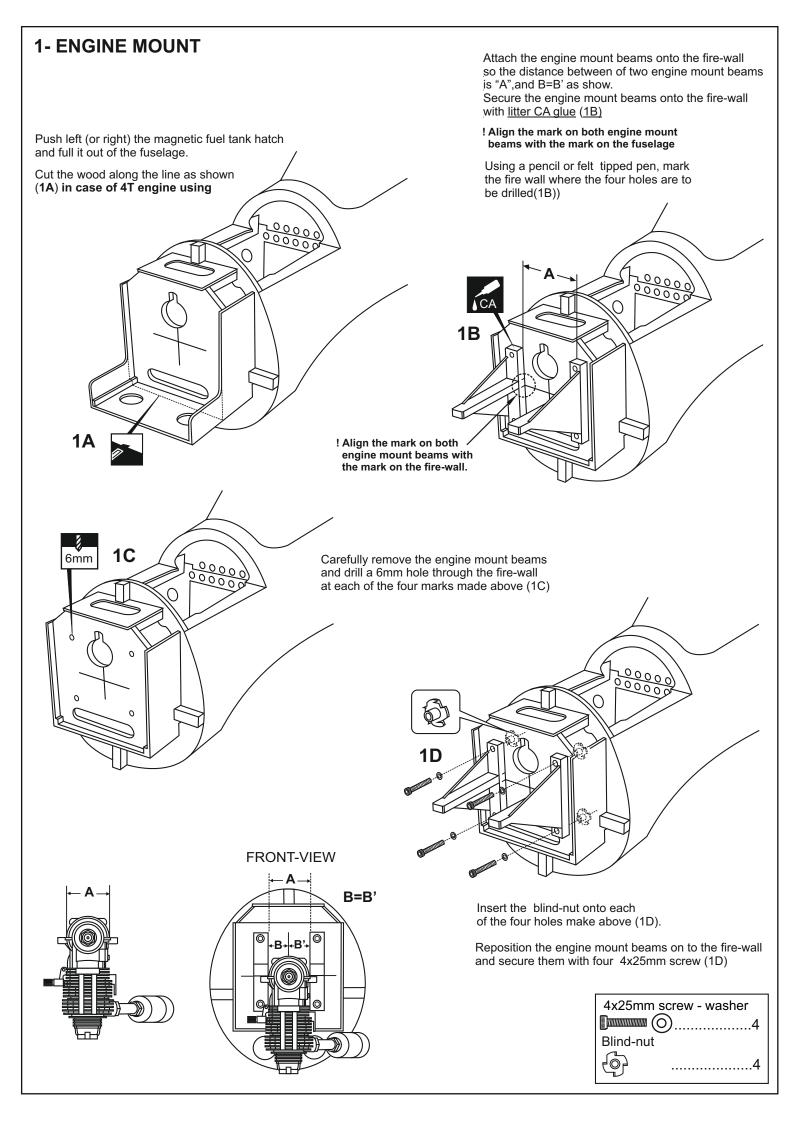
Linke und rechte Seite wird gleichermaßen zusammengebaut

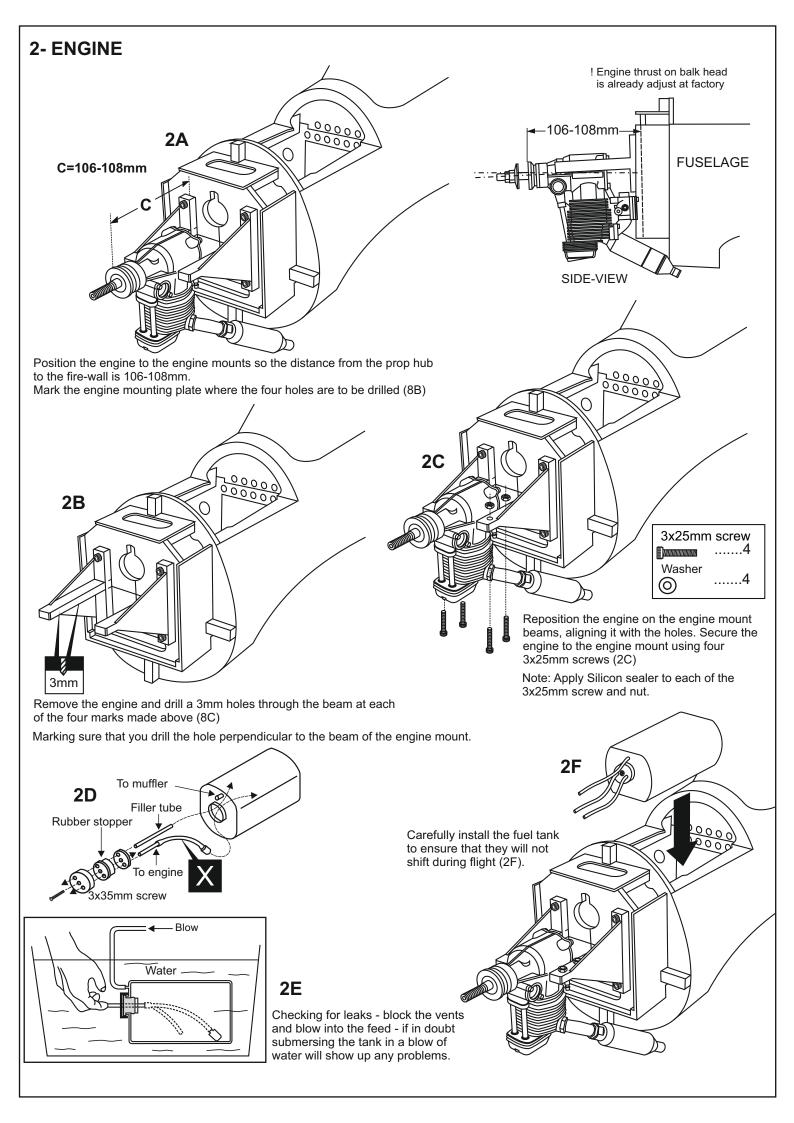


Nicht enthalten. Teile müssen separat gekauft werden.

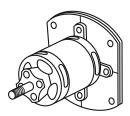
Read through the manual before you begin, so you will have an overall idea of what to do. **CONVERSION TABLE**

25mm = 1" 3.0mm = 1/8" 10mm = 13/32" 1.0mm = 3/64" 4.0mm = 5/32" 12mm = 15/32' 30mm = 1-3/16" 1.5mm = 1/16" 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"



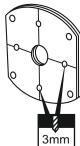


3- ELECTRIC MOTOR



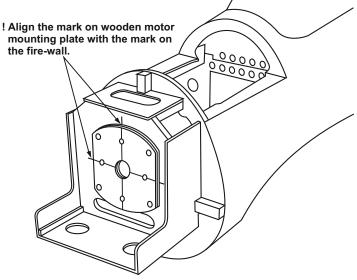
Using a aluminum motor mounting plate as a template, mark the plywood motor mounting plate where the four holes are to be drilled.

3A

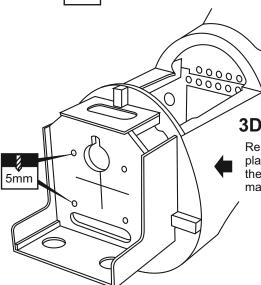


Remove the aluminum motor mounting plate and drill a 1/8"(3mm) hole through the plywood at each of the four marks marked .

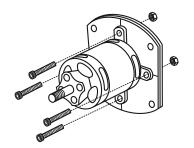
3B



3C Using a wooden motor mounting plate as a template, mark the fire-wall where the four holes are to be drilled.



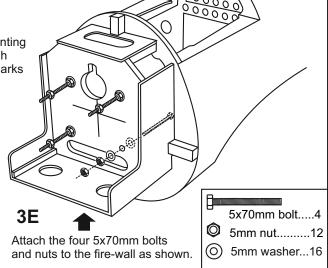
Remove the wooden motor mounting plate and drill a 5mm hole through the fire-wall at each of the four marks marked .

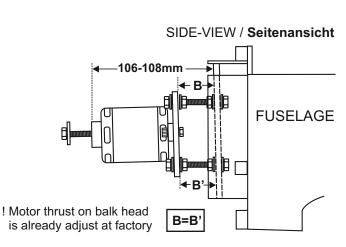


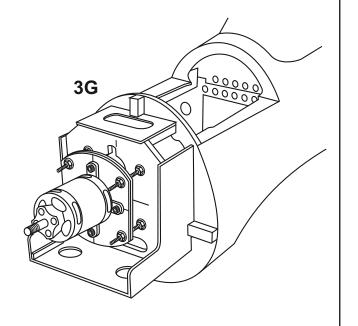
3F

Secure the Motor to the wooden motor mounting plate using the four 3mm bolts.

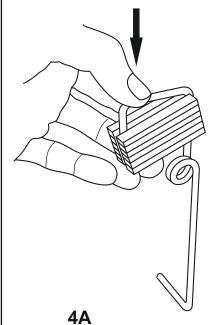
3mm bolt / nut...4



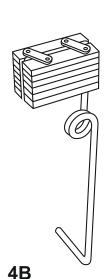




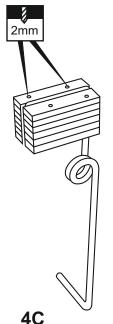
4- FIXED GEAR



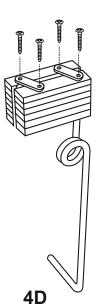
Slide the landing gear onto the plywood gear mount and push the landing gear as shown.



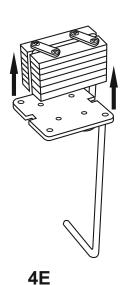
Using the nylon gear strap as a template, mark the plywood gear mount where the four holes to be drill.



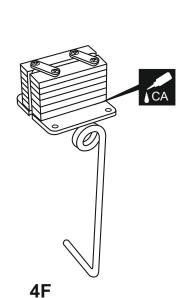
Remove the nylon gear strap and drill a 2mm hole at each of the four marks marked.



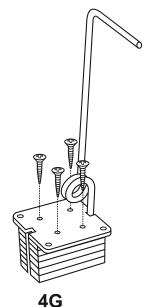
Reposition the nylon gear strap and secure them in place using four 3x12mm screws.



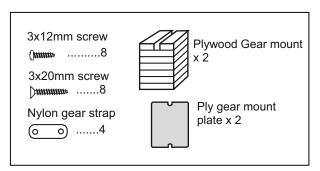
Attach the ply gear mount plate to the plywood gear mount

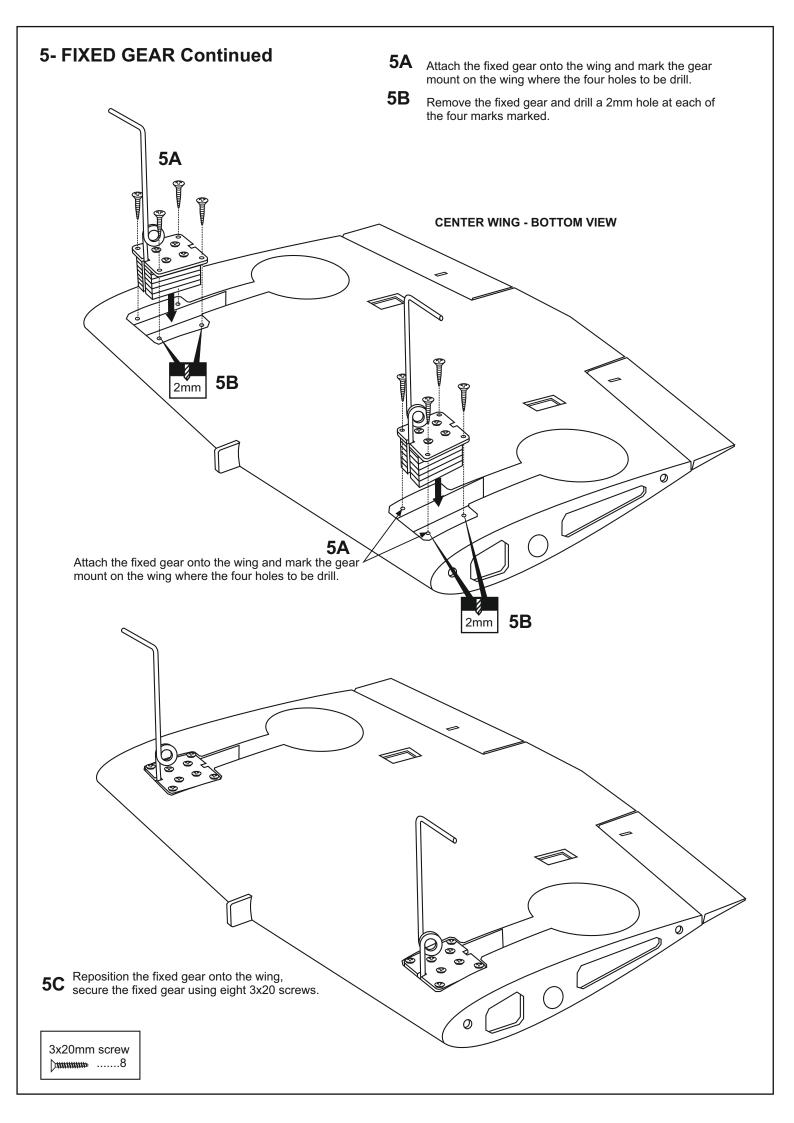


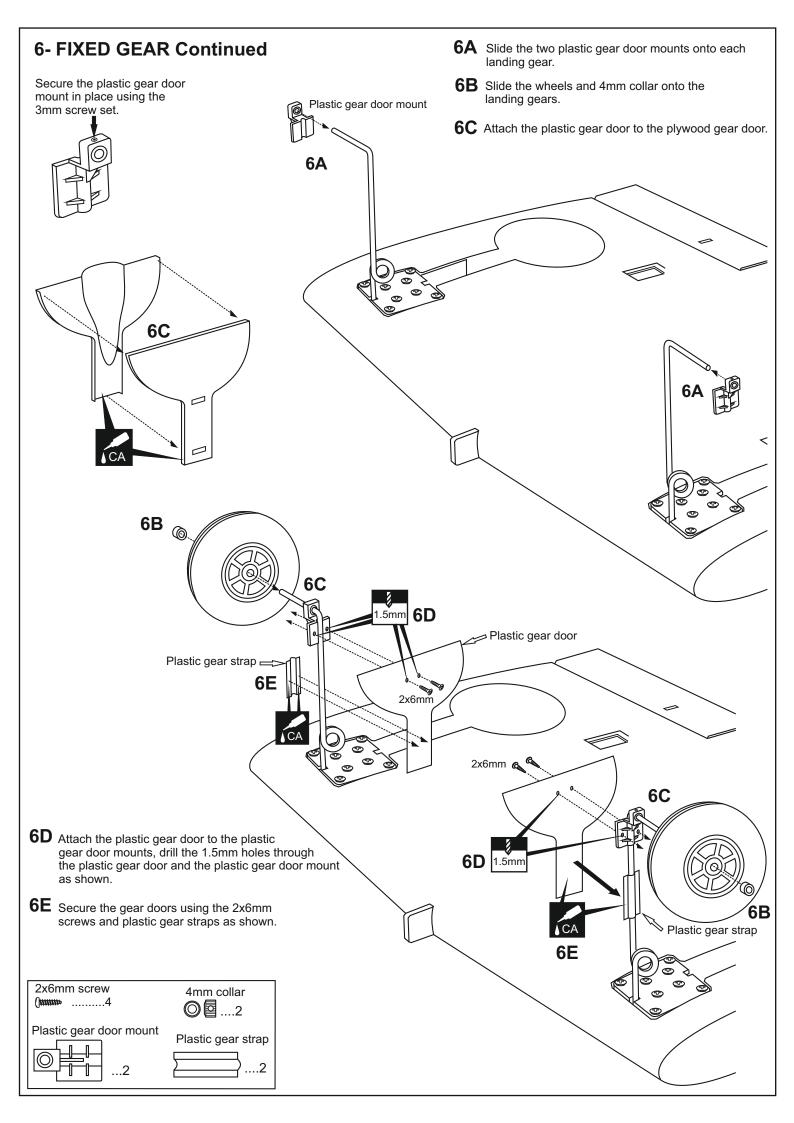
Secure the ply gear mount plate in place using CA glue.

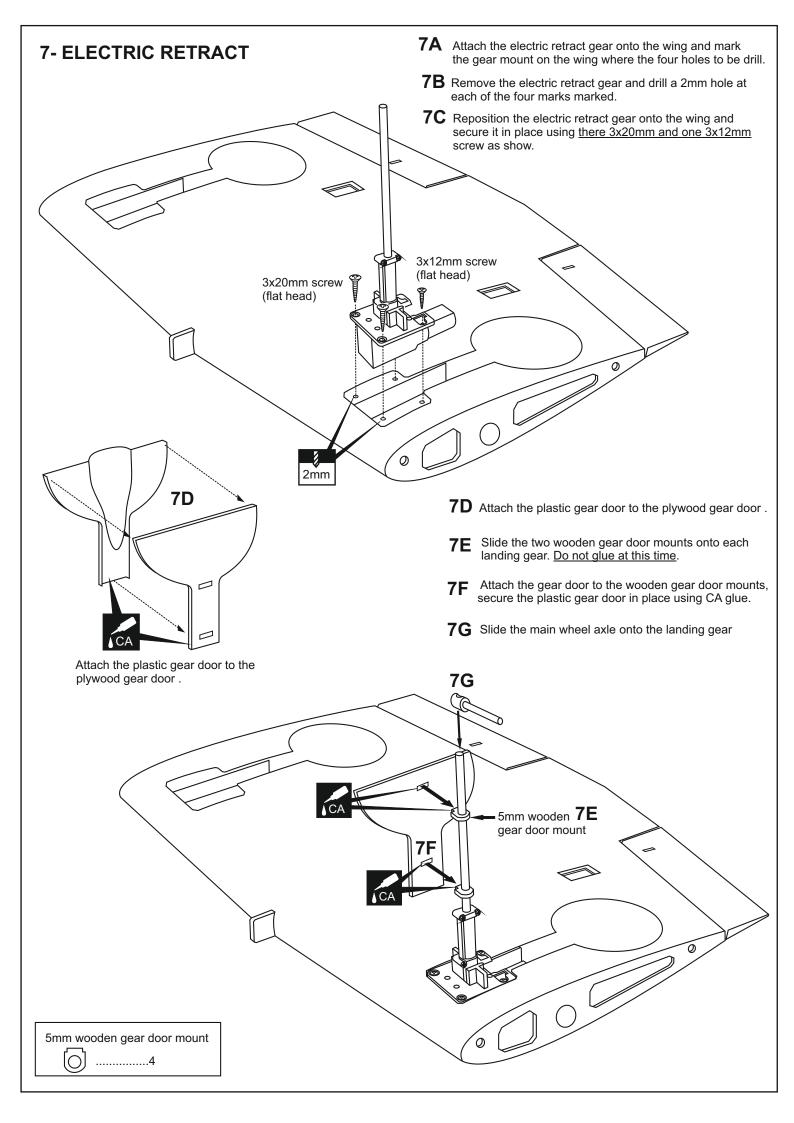


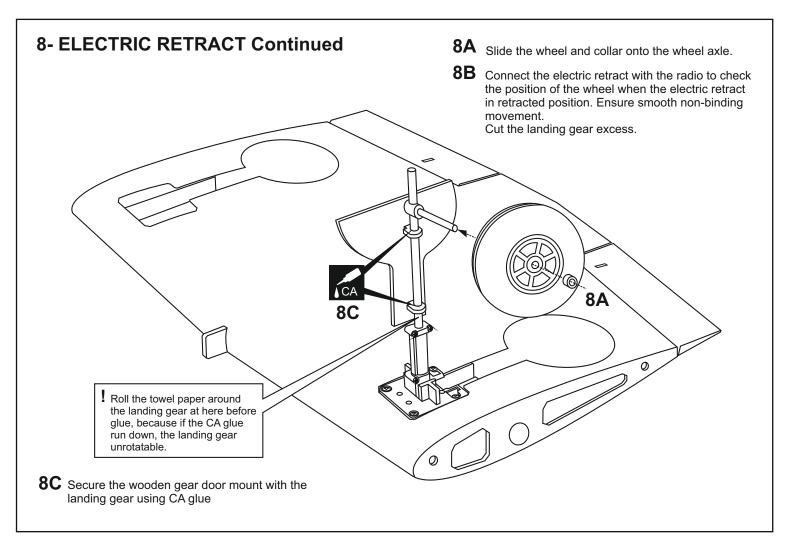
Drill a 2mm holes through the ply gear mount plate.
Secure the ply gear mount using four 3x20mm screws.

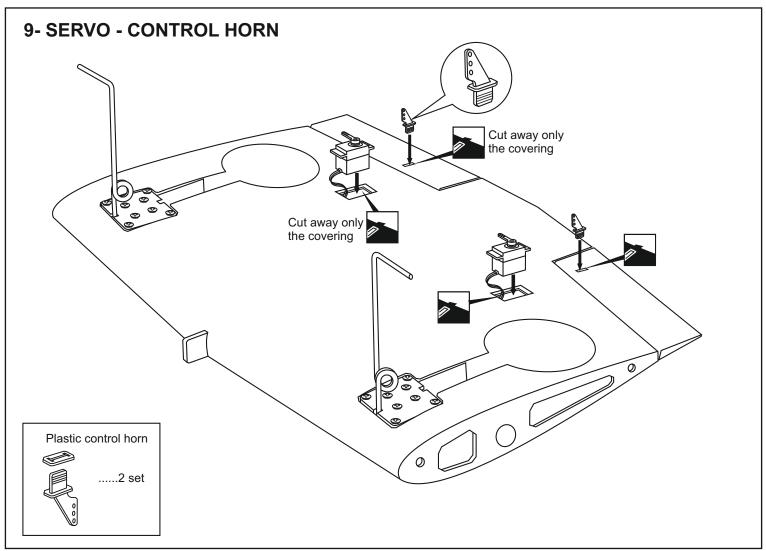


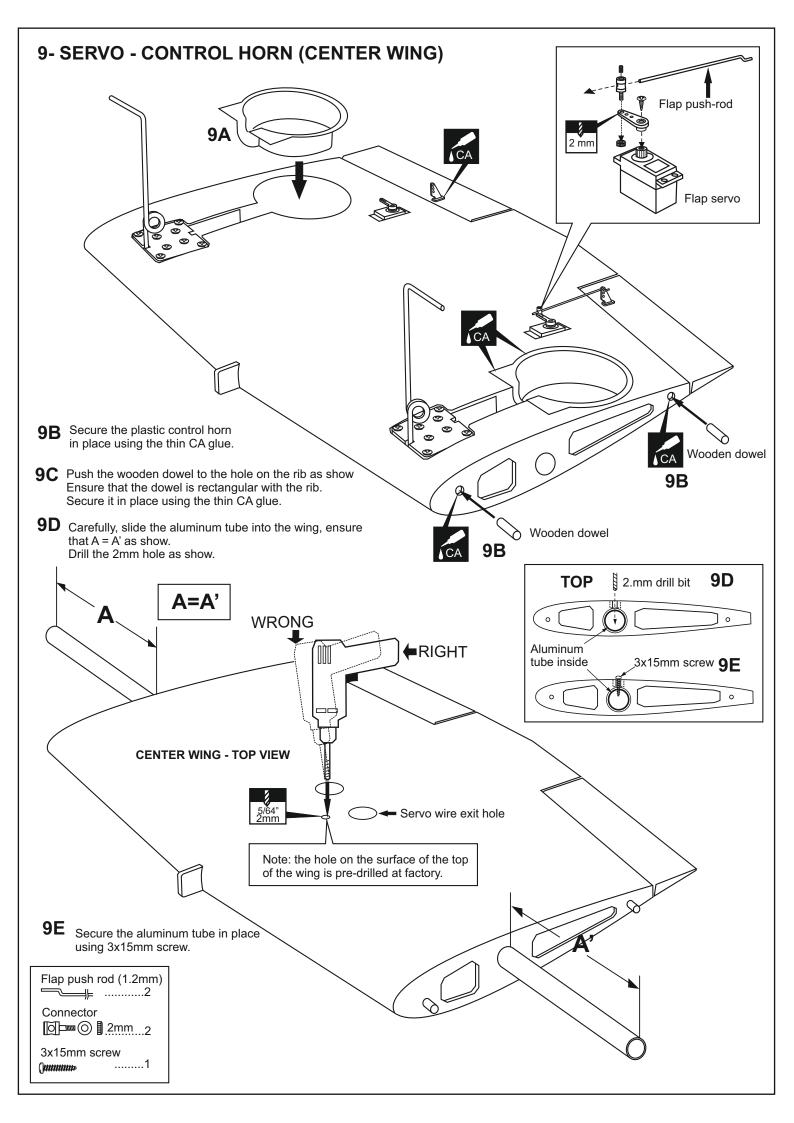


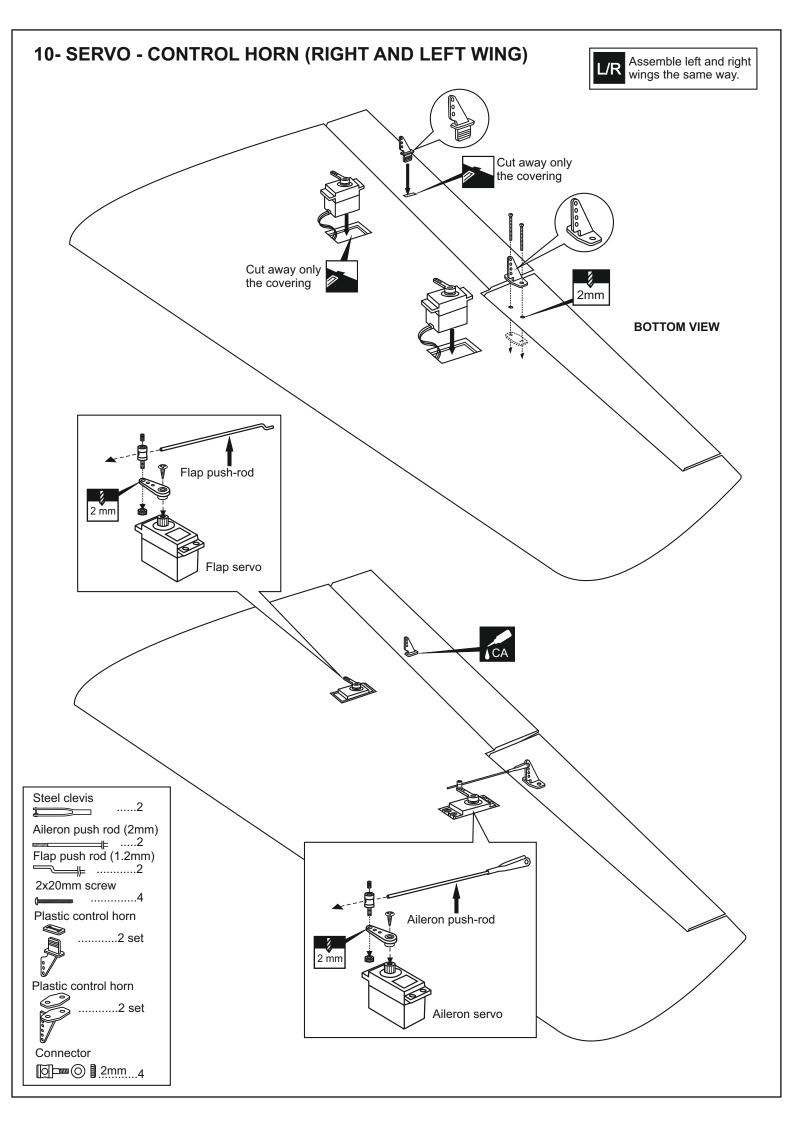


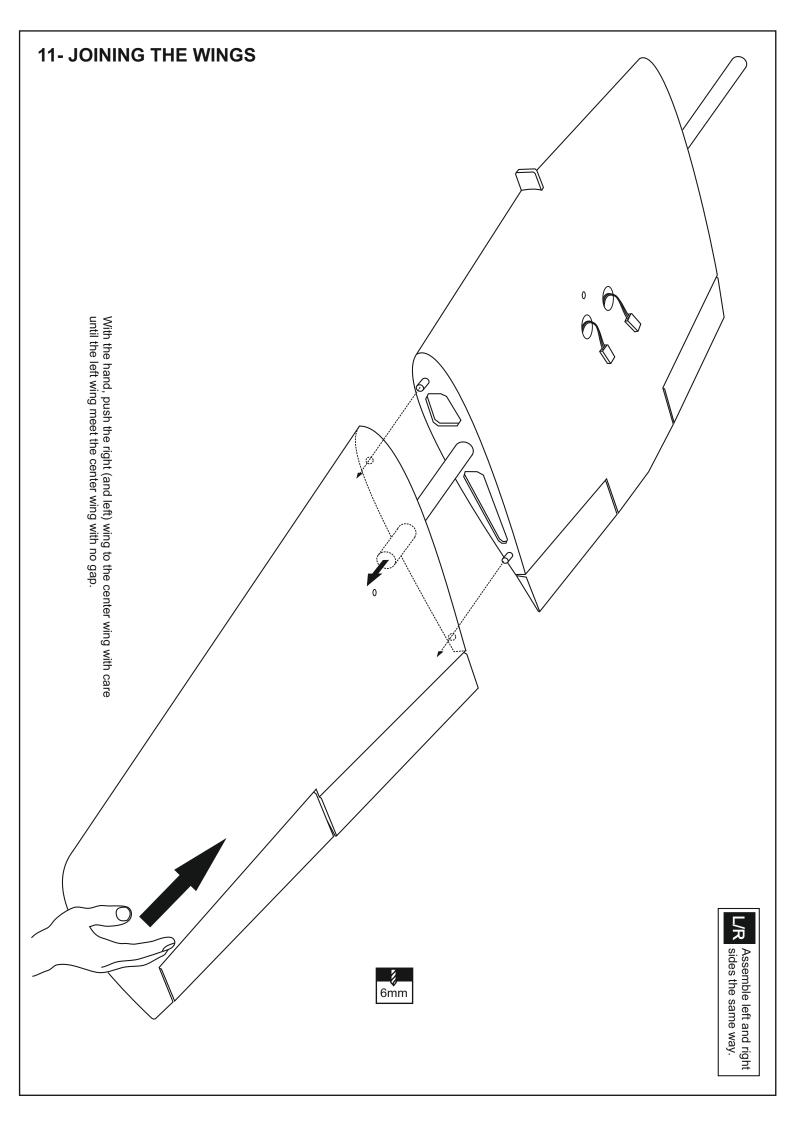


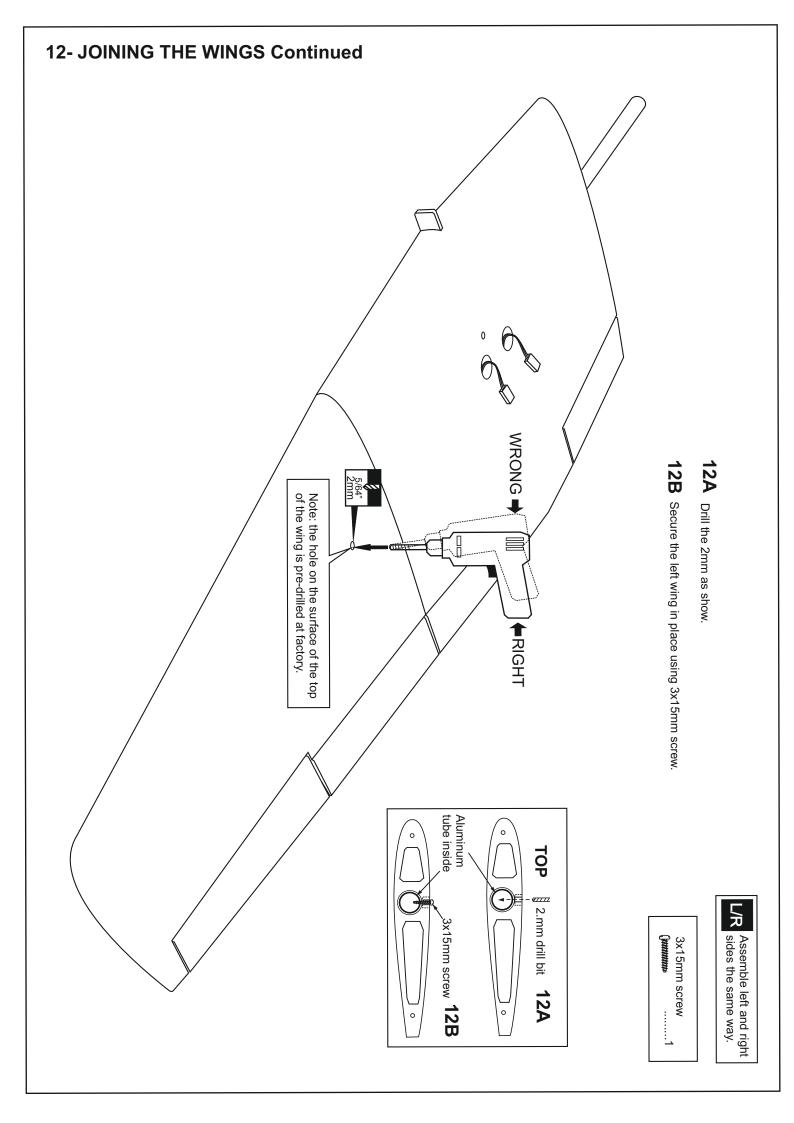


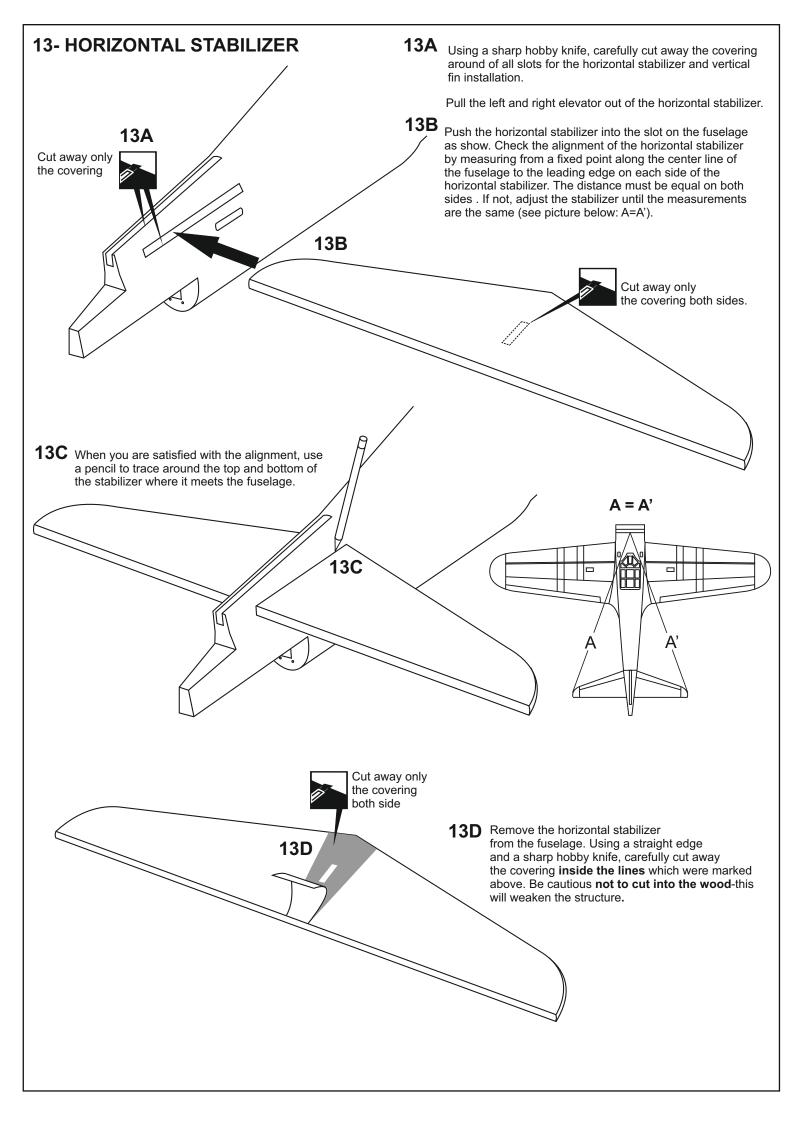


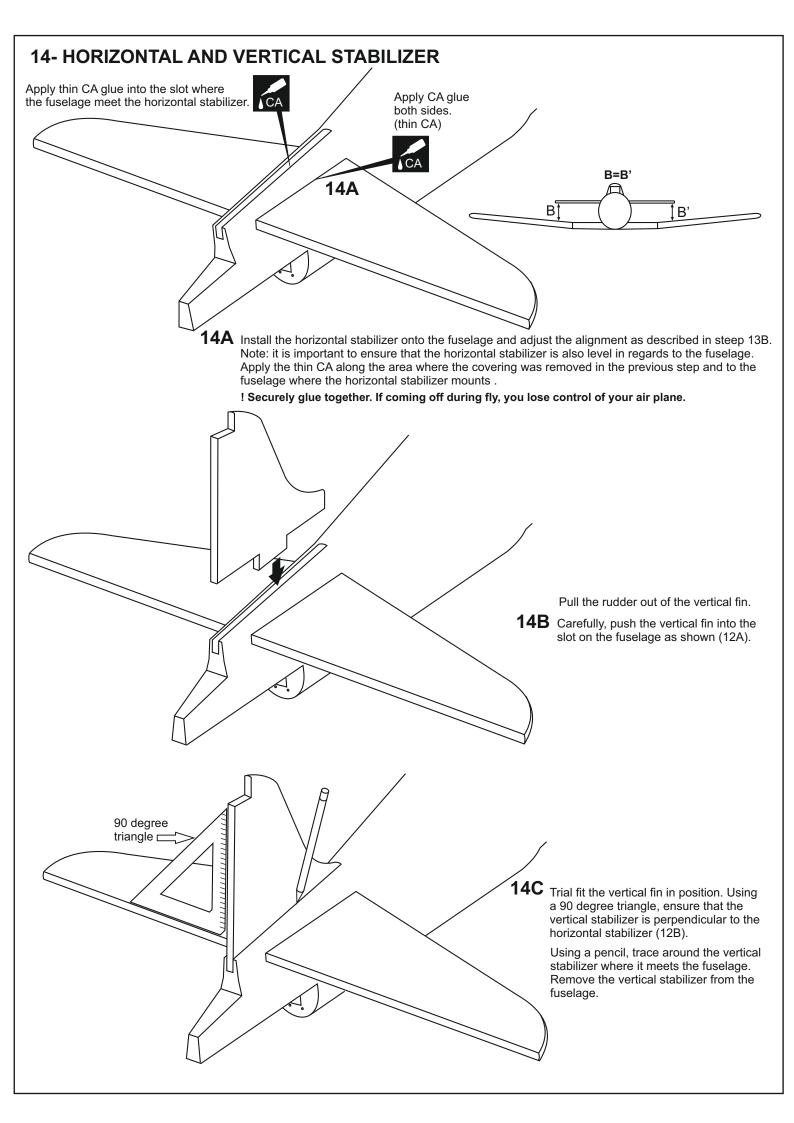


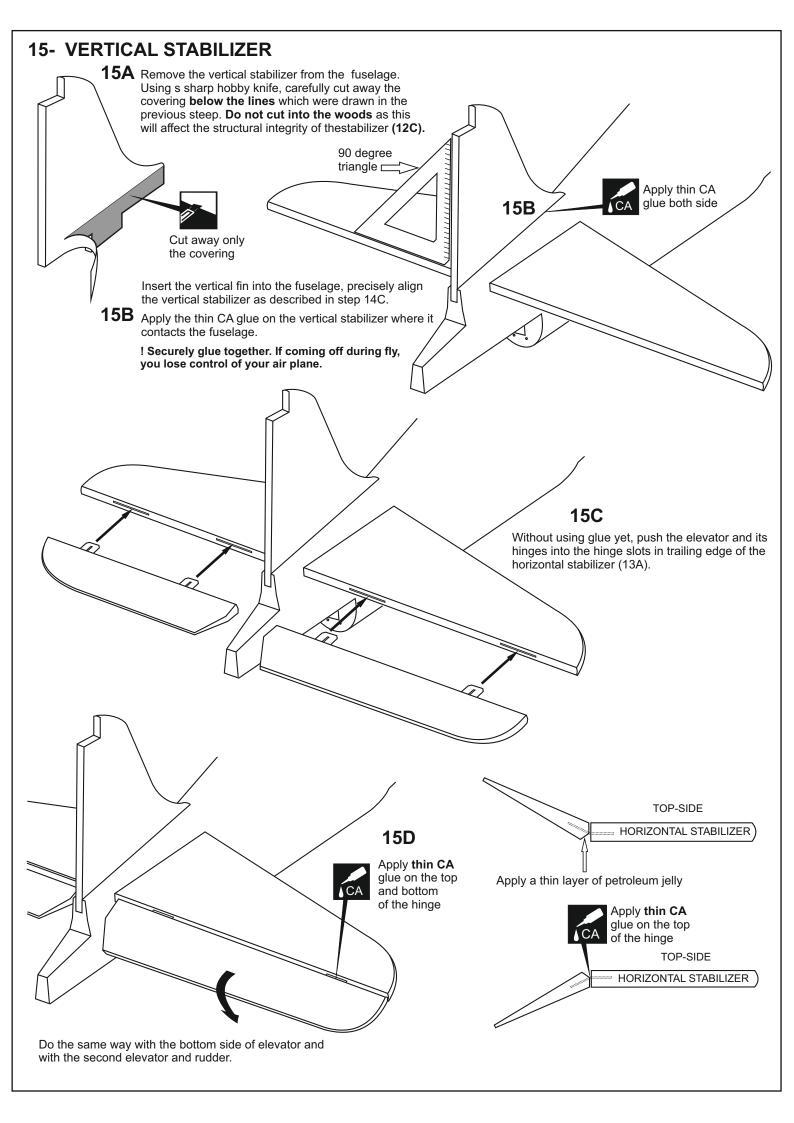


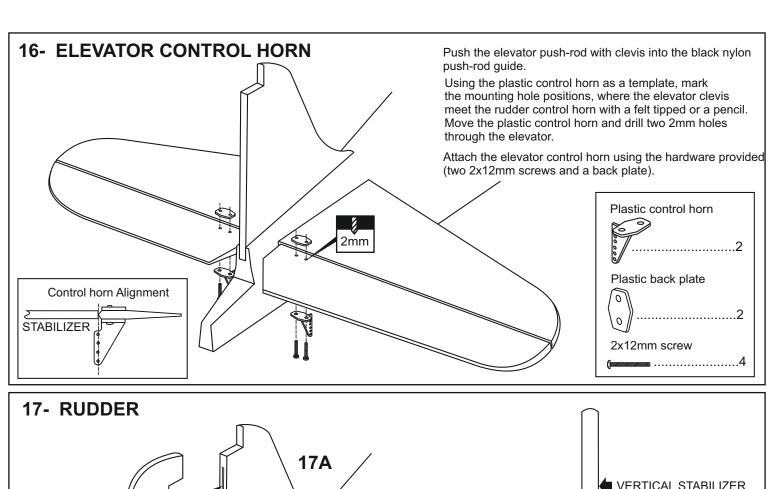


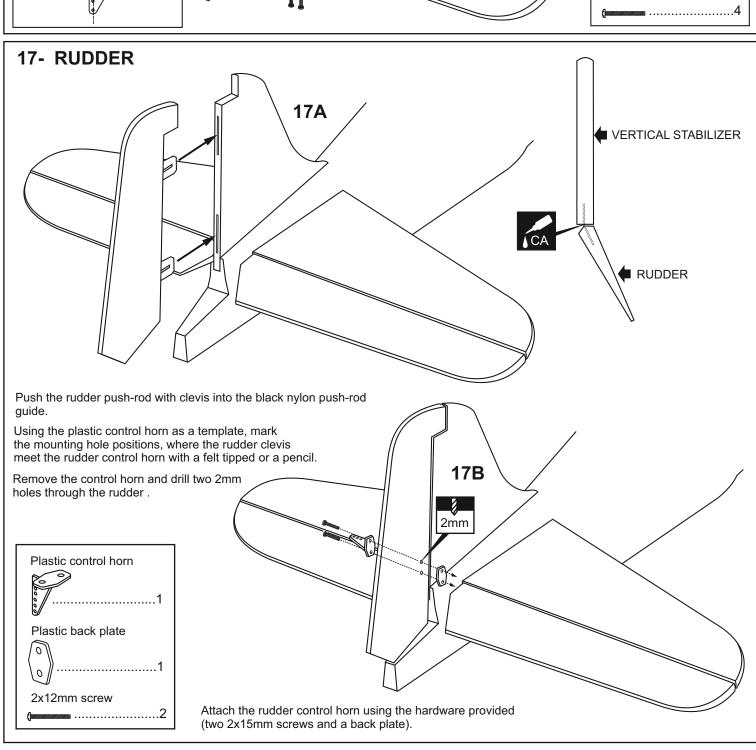


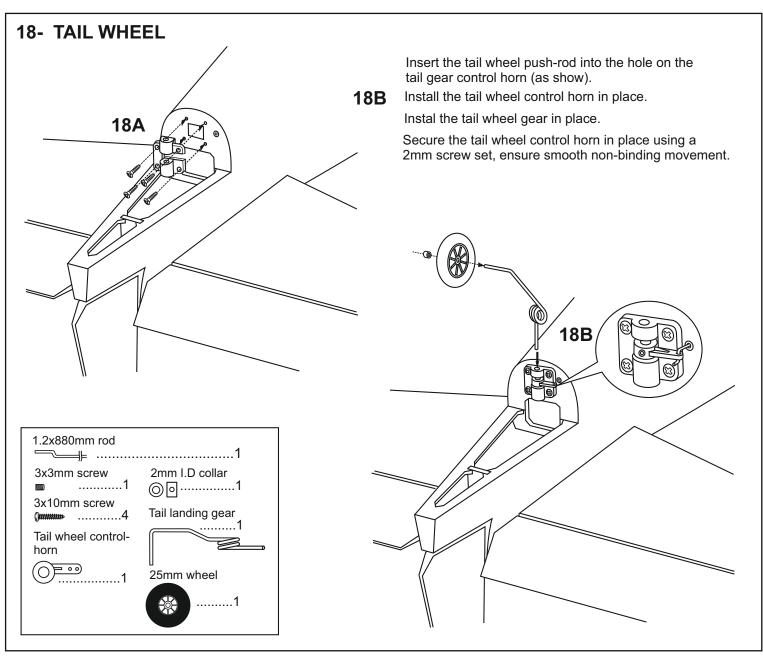


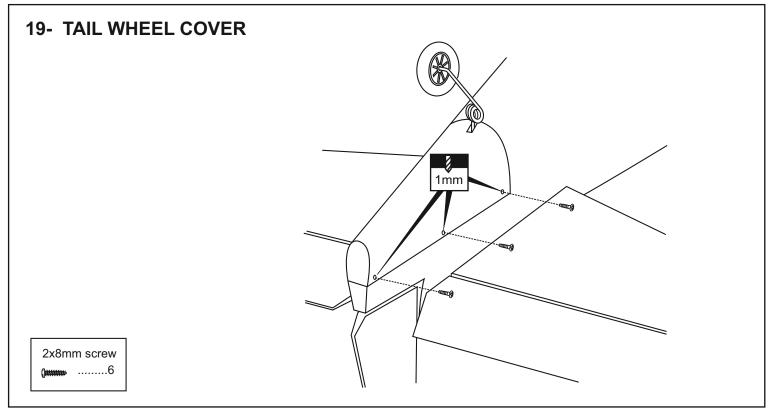


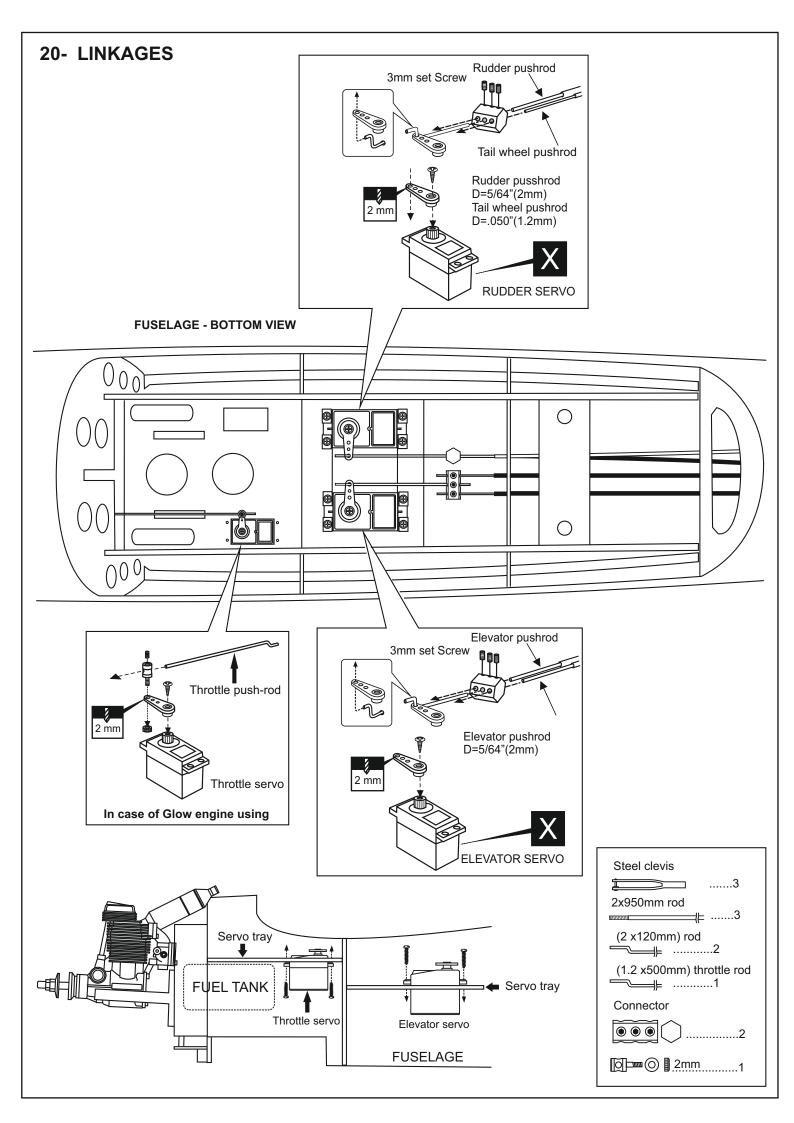






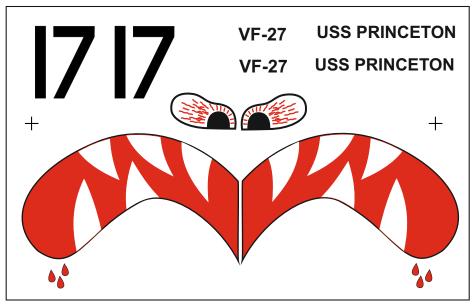






21- COWLING





Note: Cut out the stickers and apply them in the proper area. Do not peel the backing paper off all at once.

Peel off one corner of the backing and cut off with scissors.

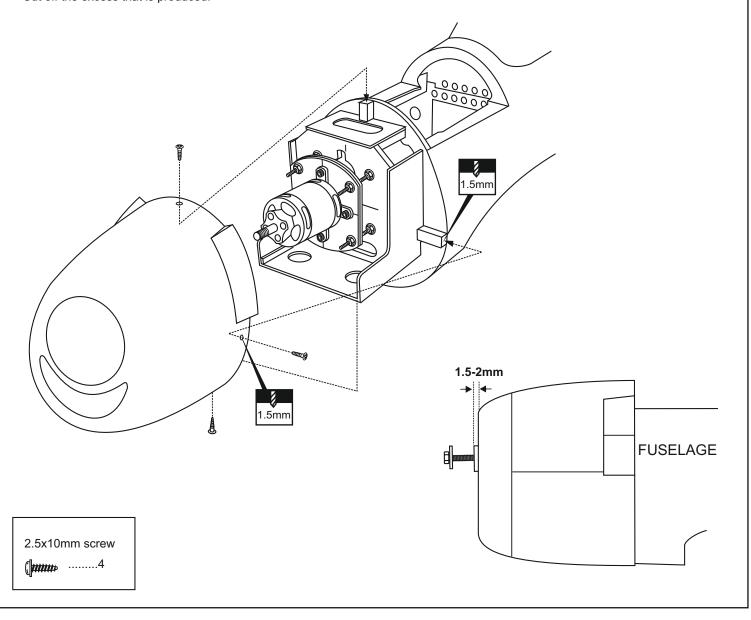
Arrange sticker on model and when satisfied adhere the corner without backing.

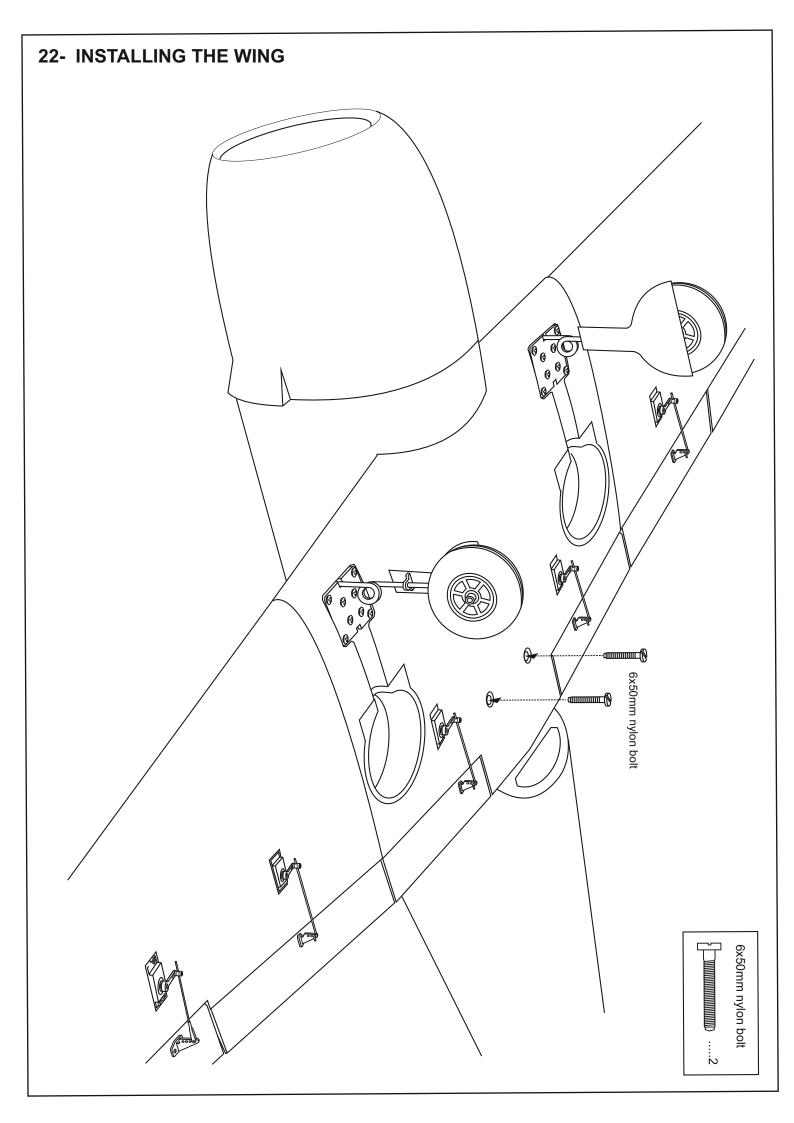
Carefully peel back the rest of the backing while at the same time adhering the rest of the sticker.

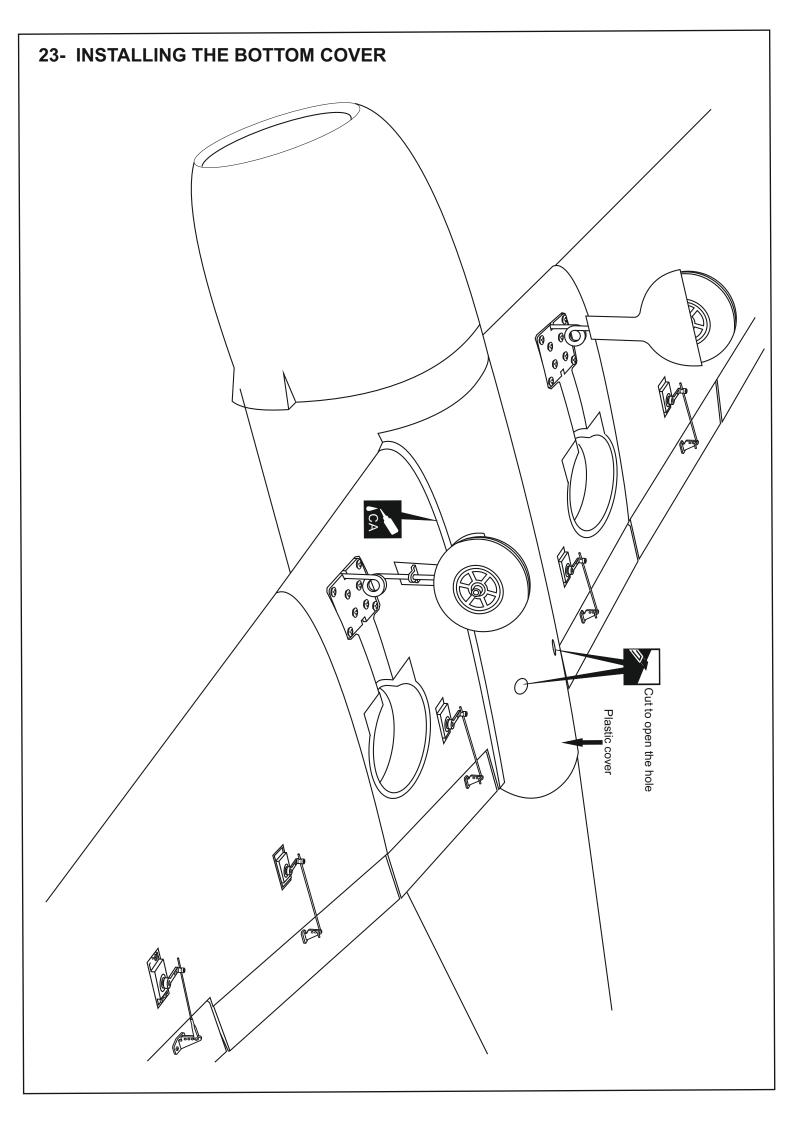
Try not to make air bubbles, if there are some, carefully puncture sticker (center of bubble) but not model surface with the tip of the knife or sharp pin and squeeze out the air.

At curves stretch sticker and apply a little heat so that no ceases occur.

Cut off the excess that is produced.

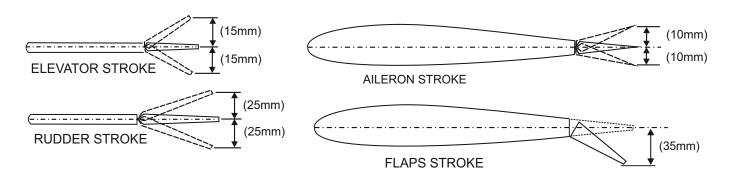






Note: Adjust the location of the battery pack to achieve this C.G location. DO NOT try to fly an out-of balance model! Wing center section

23-CONTROL SURFACE



Adjust the travel of the control surfaces to achieve the values stated in the diagrams. These value will be suitable for average flight requirements. Adjust the values to suit your particular needs.

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

