Radio control model

KING QUEST 100



ALL BALSA, PLYWOOD CONSTRUCTION AND ALMOST READY TO FLY

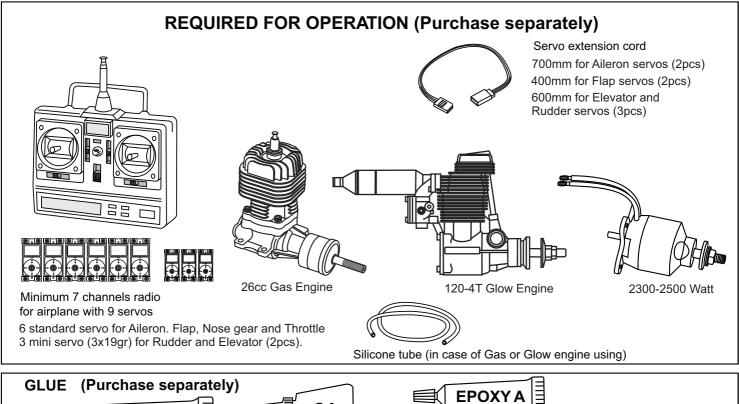
Instruction manual

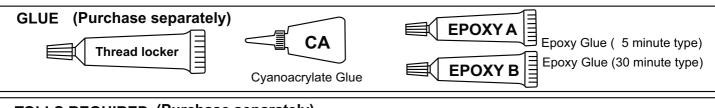
SPECIFICATIONS

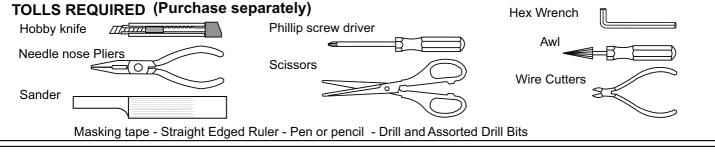
Wingspan:2210mm
Length:
Lengui1300mm
Electric Motor:2300-2500w
Glow Engine:90-120 2-T / 120 4-T
RTF Weight: 5.8-6.1kg (Will vary with
Equipment Used).
Radio:Minimum 7 Channels / 9 Servos
Function: Ailerons-Elevator-Rudder-Throttle
Flans

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.

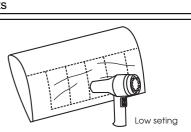








If exposed to direct sunlight and/or heat, wrinkels can appear. Storing the model in a cool place will let the wrinkles disappear. Otherwise, remove wrinkles in covering film with a hair dryer, starting with low temperature. You can fix the corners by using a hot iron.







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



Take particular care here



Hatched-in areas: remove coverina film carefully



Check during assembly that these parts move freely, without binding



2.5mm = 3/32"

Use epoxy glue



Apply cyano glue



Assemble left and right sides the same way.



Not included. These parts must be purchased separately

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" 4.0mm = 5/32" 1.5mm = 1/16" 5.0mm = 13/64" 2.0mm = 5/64"

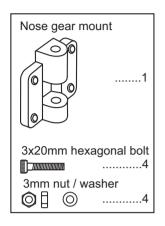
10mm = 13/32" 12mm = 15/32" 15mm = 19/32" 6.0mm = 15/64" 20mm = 51/64"

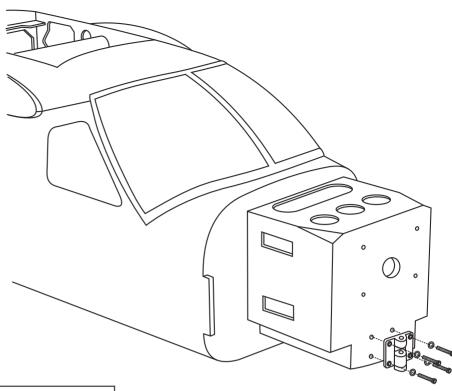
25mm = 1"

30mm = 1-3/16" 45mm = 1-51/64"

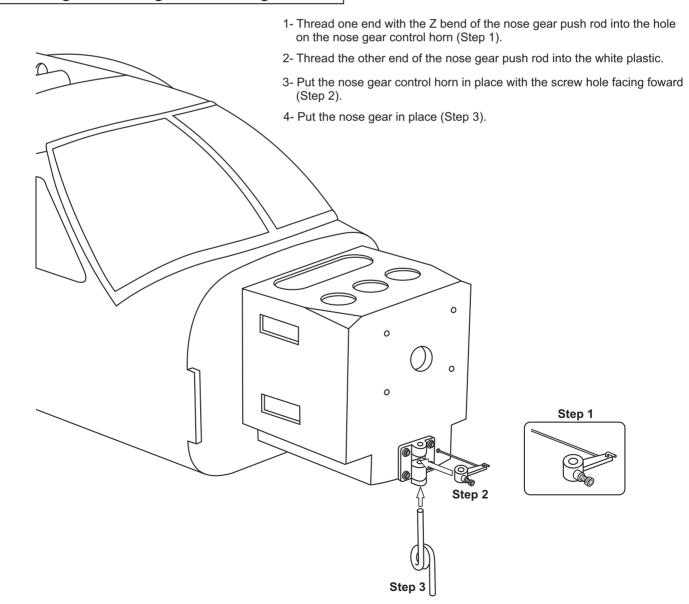
KING QUEST 100 1-Nose gear mount

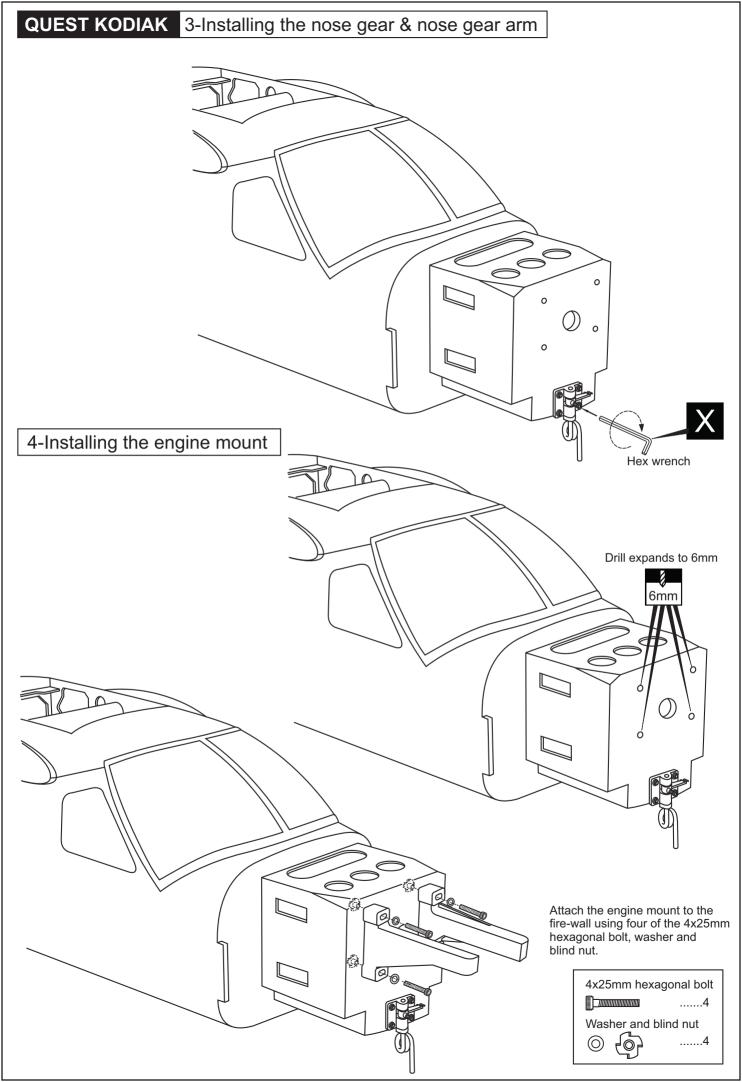
- 1- Slide one end of the 2x500mm white plastic tube into the pre-drilled hole on the right side of the nose gear mount, the end of the plastic tube fits across the front of the fire-wall. The other end of the plastic tube leads to where the nose gear servo arm will be.
- 2- Hold the end of the plastic tube firmly to fire-wall with thin CA glue.



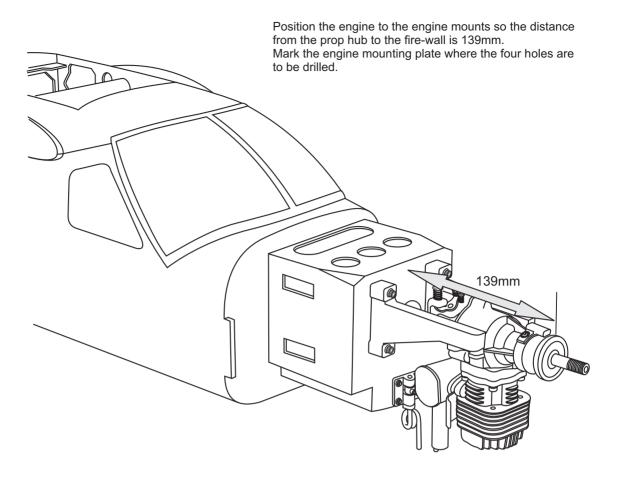


2-Installing the nose gear & nose gear arm

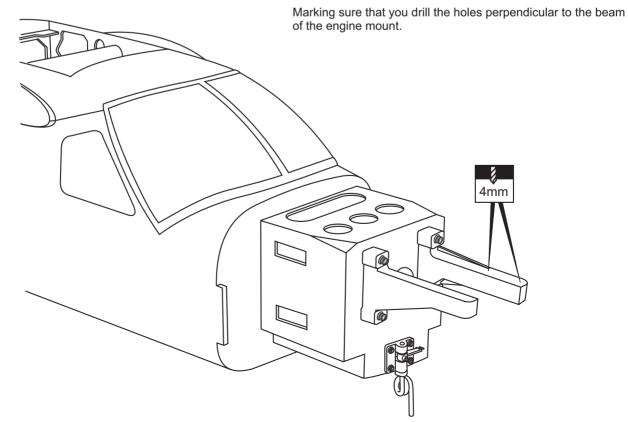


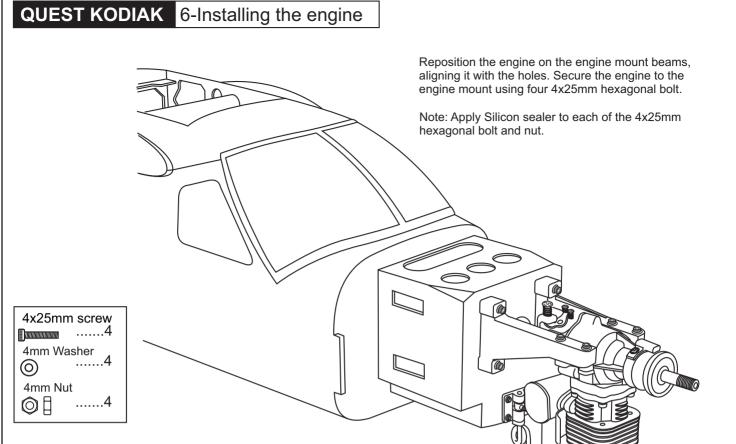


QUEST KODIAK 5-Installing the engine

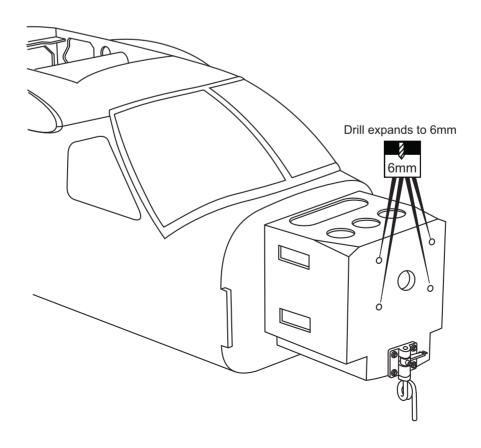


Remove the engine and drill a 4mm holes through the beam at each of the four marks made above.

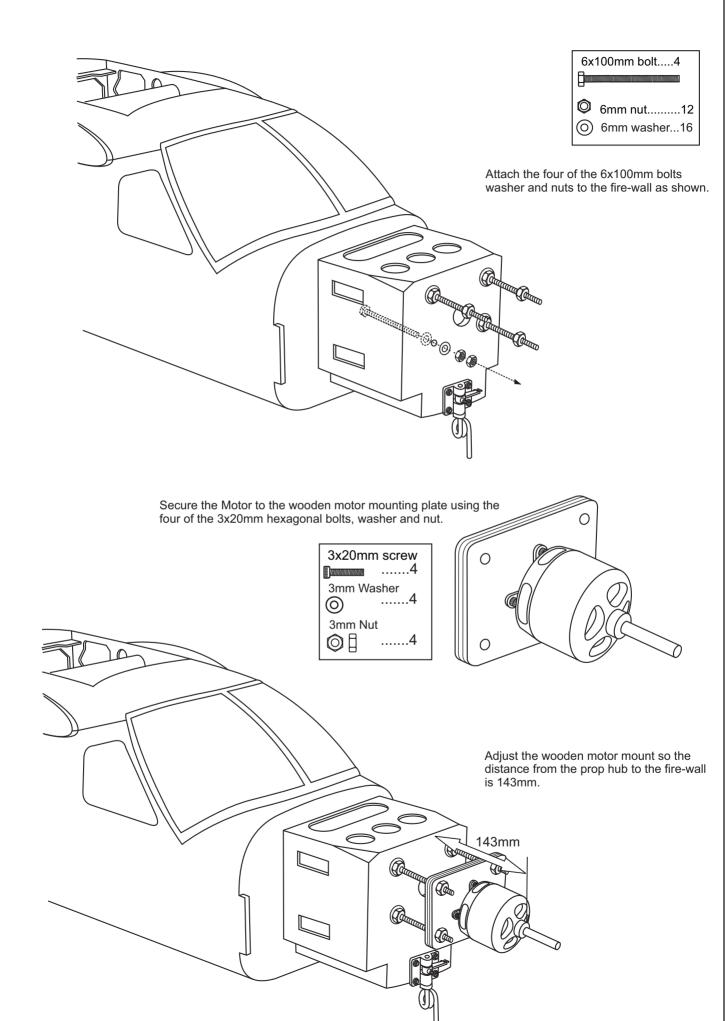


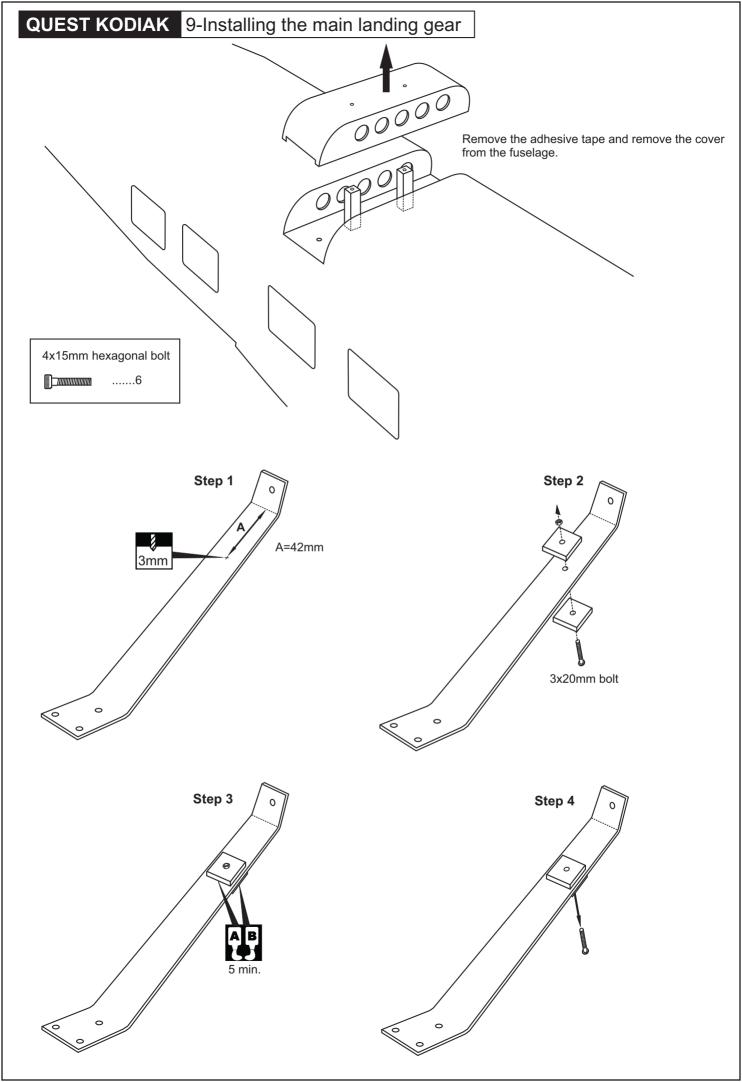


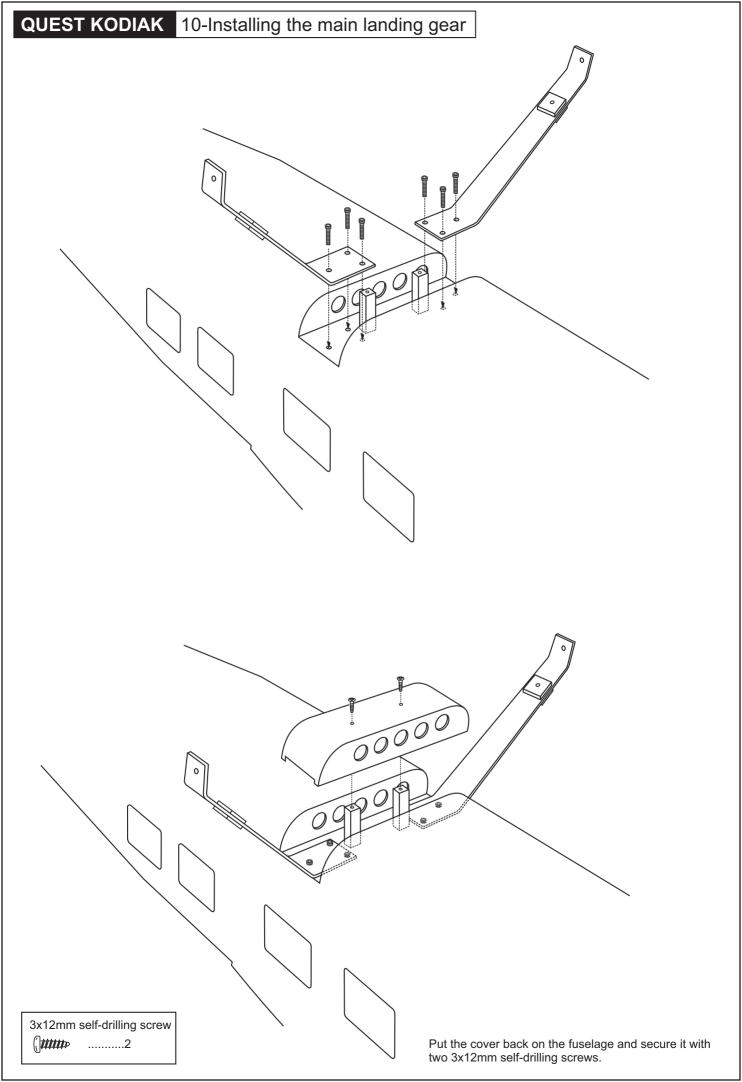
7-Installing the electric motor mounting



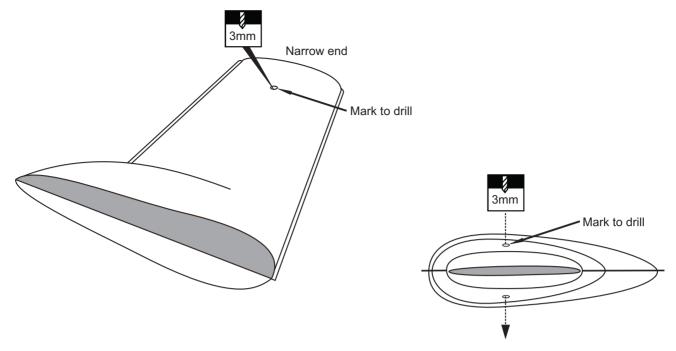
QUEST KODIAK 8-Installing the electric motor mounting



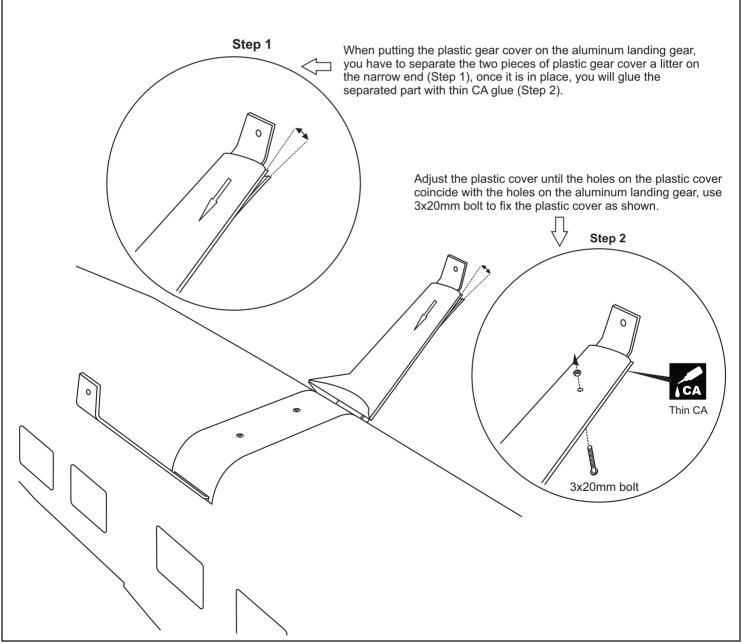


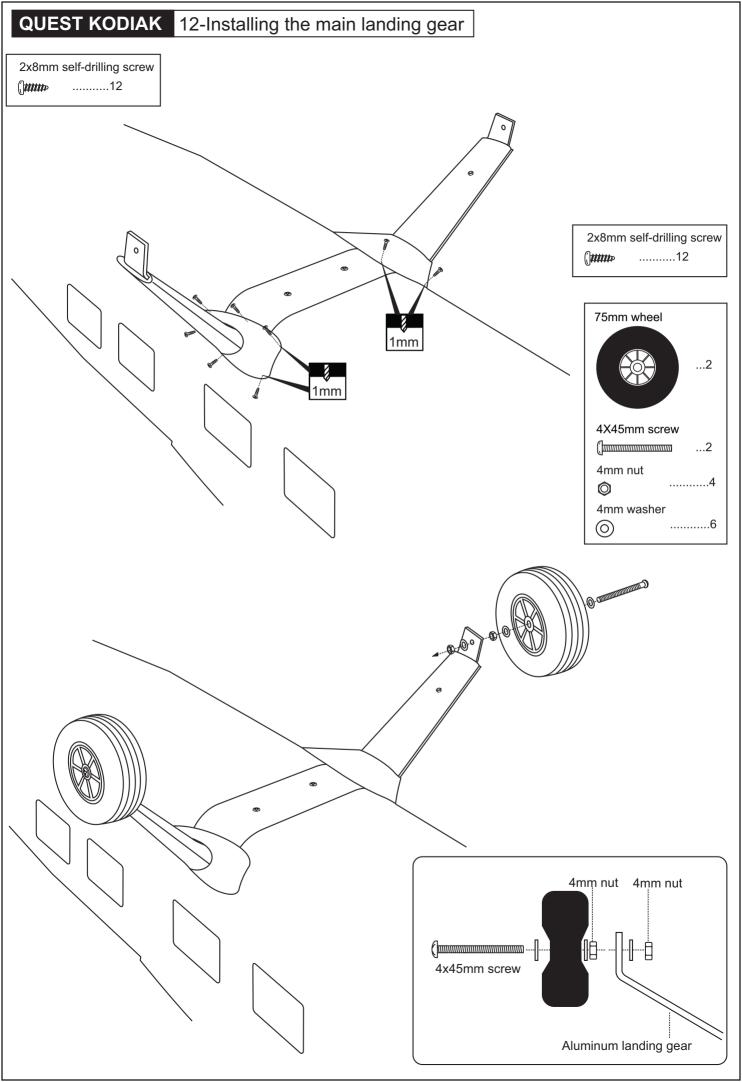


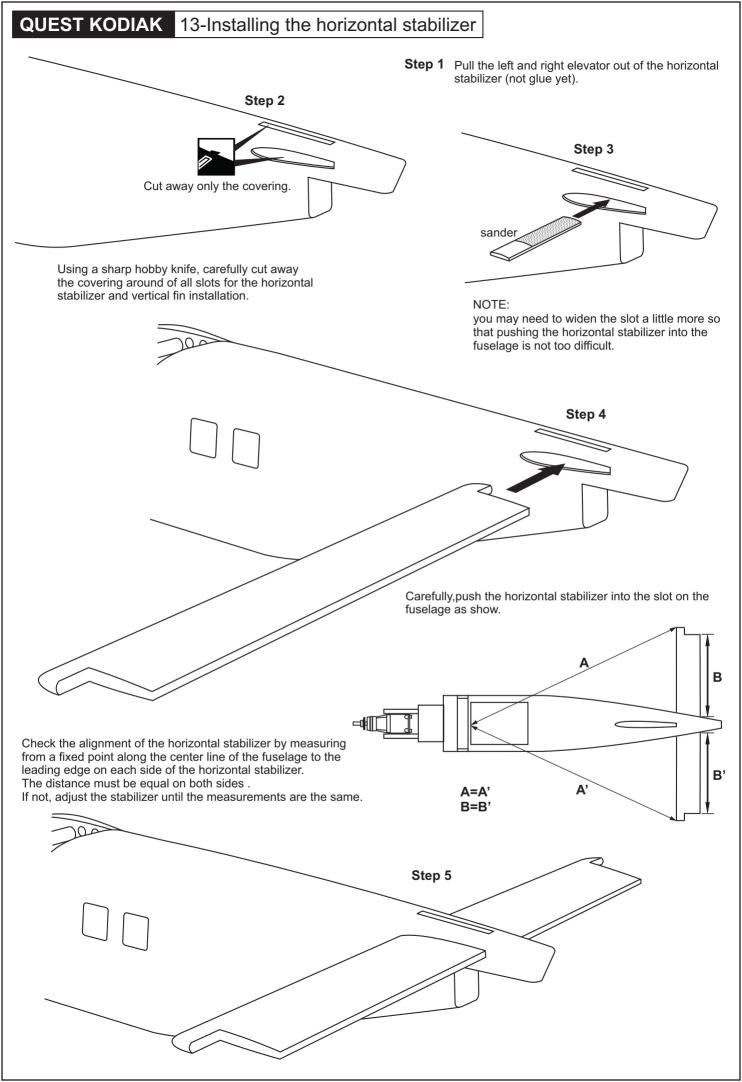
QUEST KODIAK 11-Installing the main landing gear

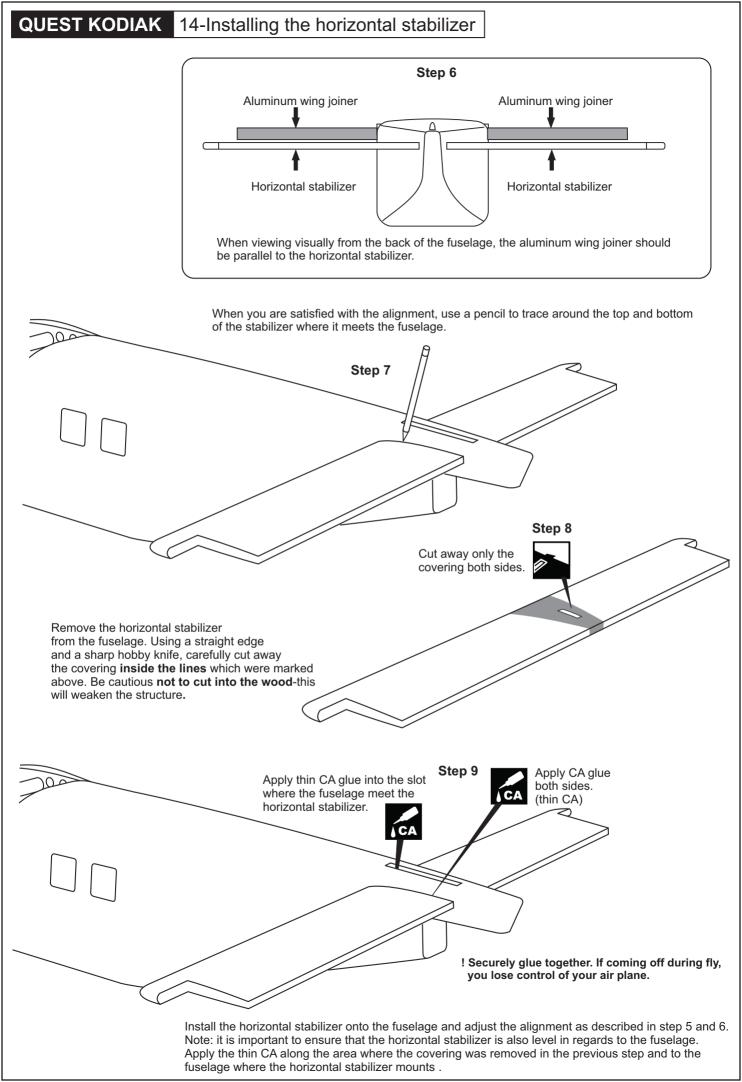


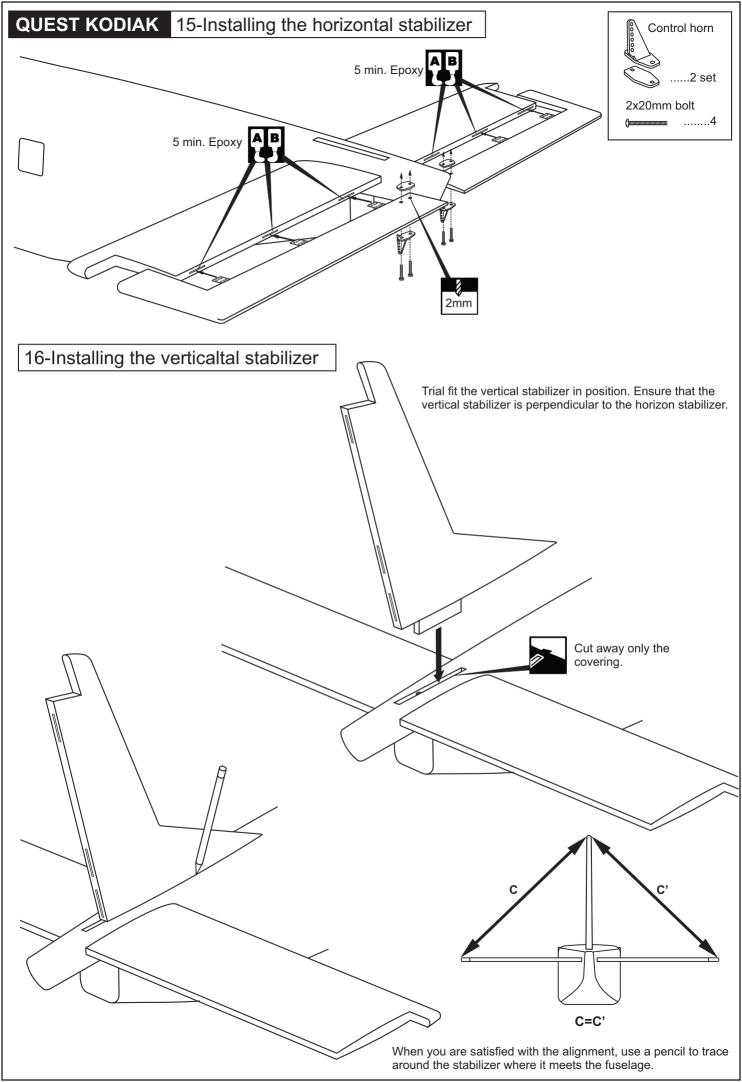
Plastic landing gear cover, view from the narrow end.

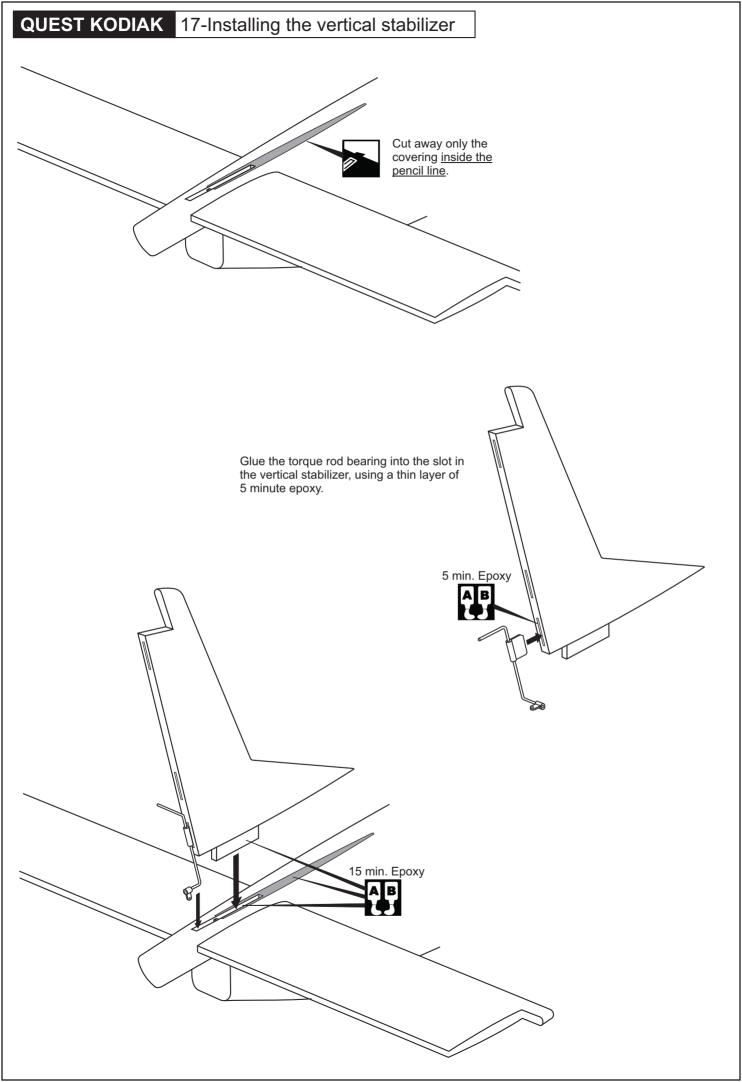


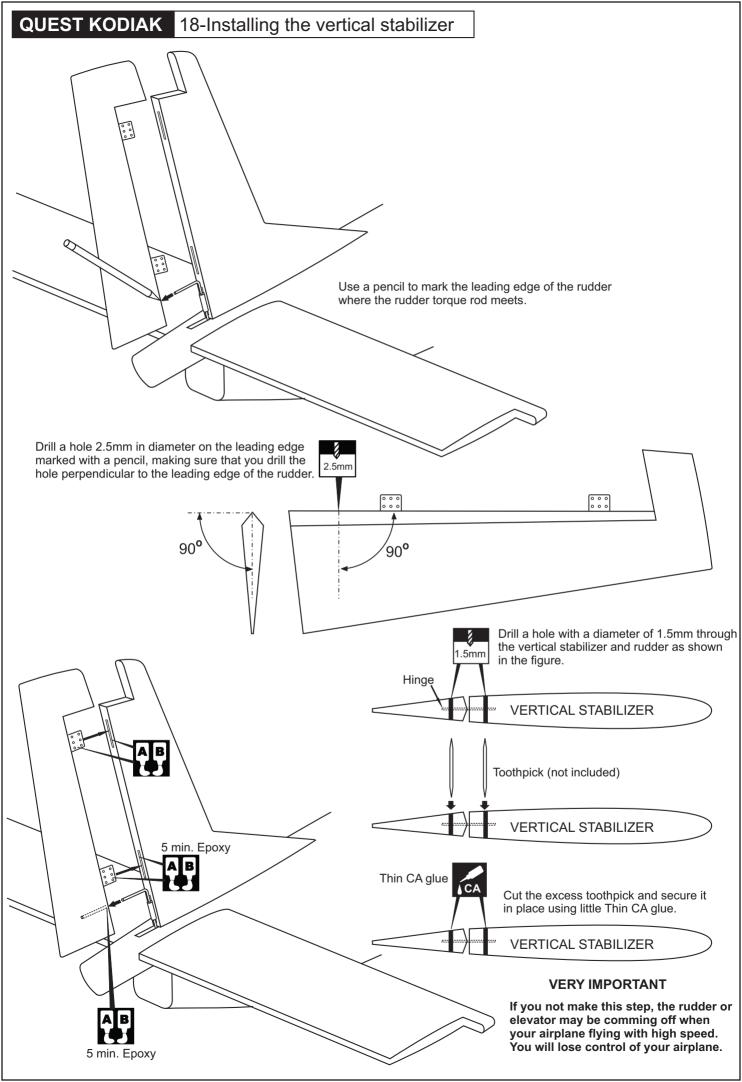


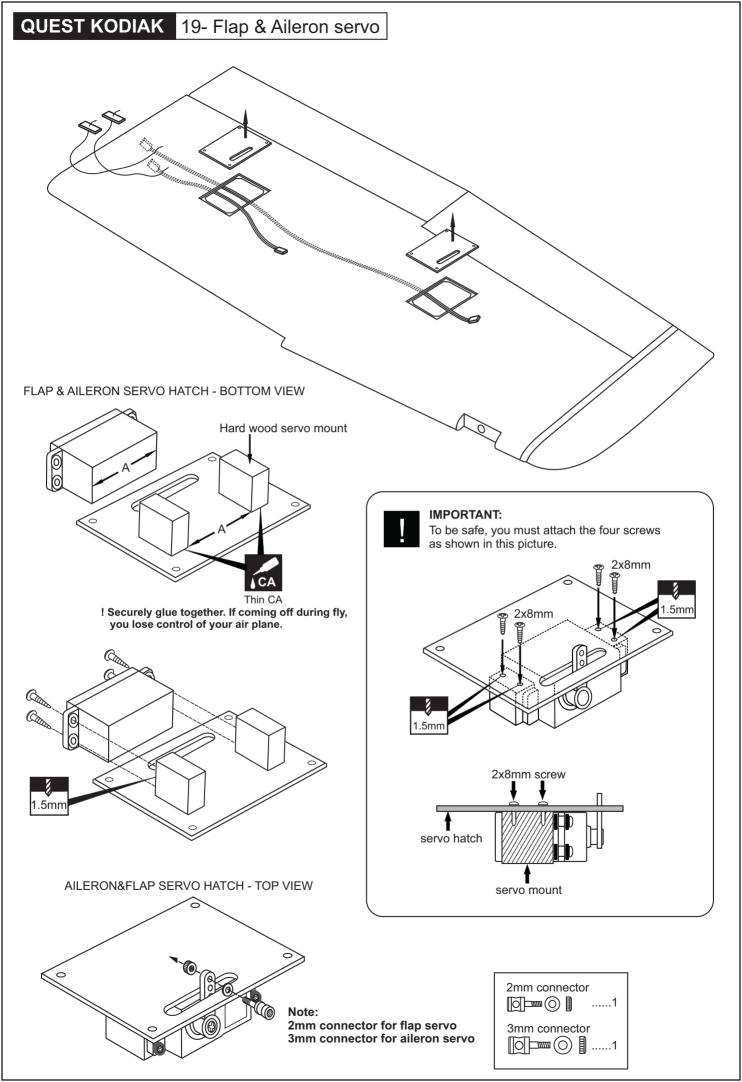


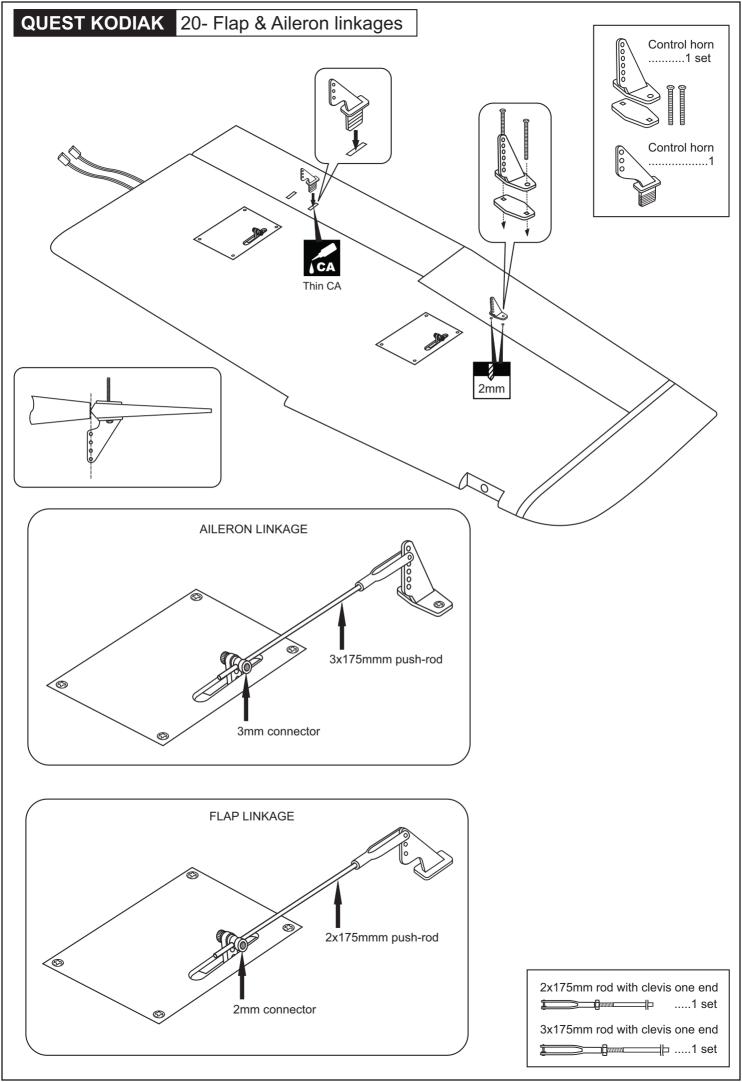


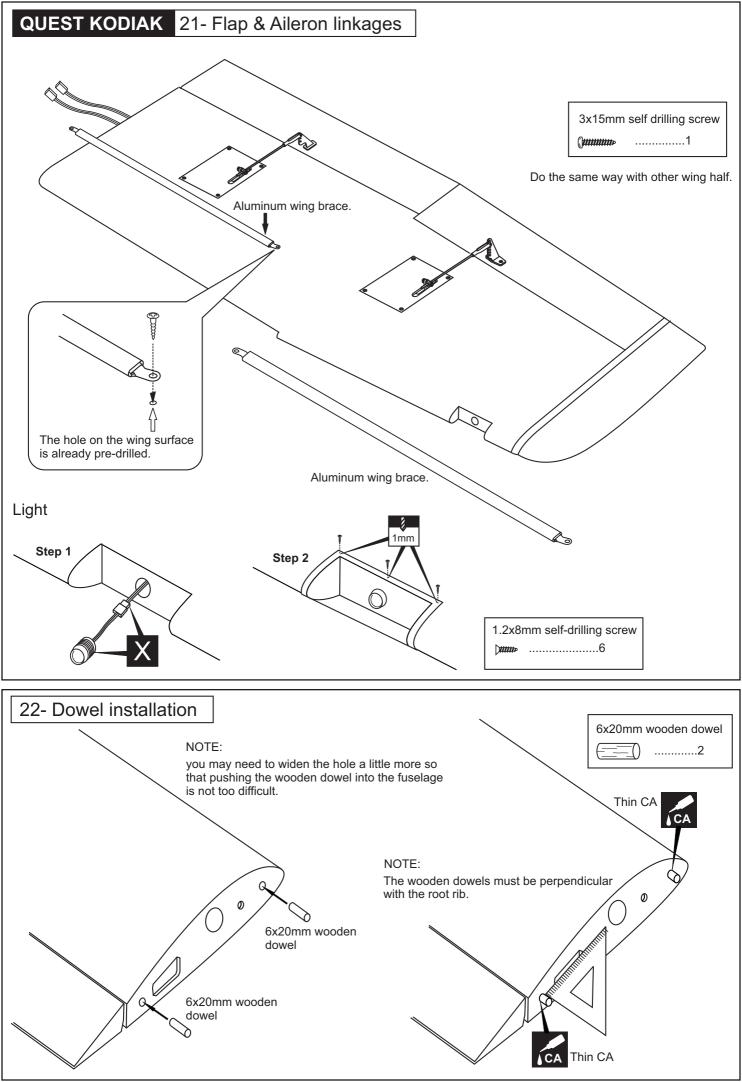


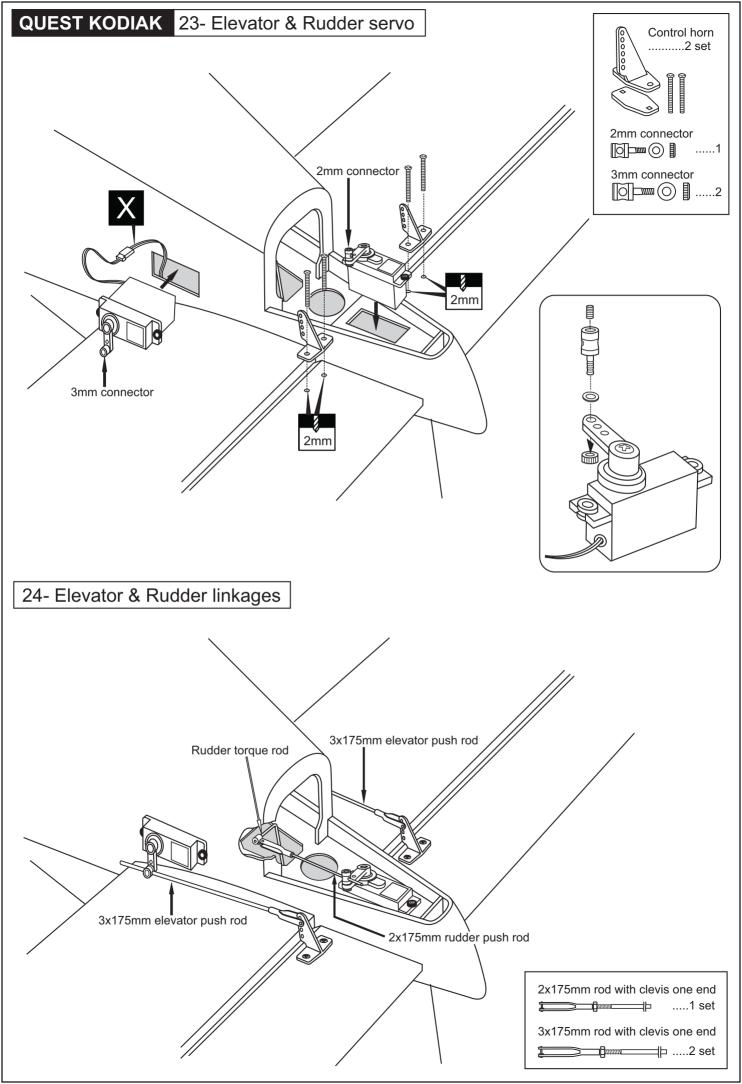


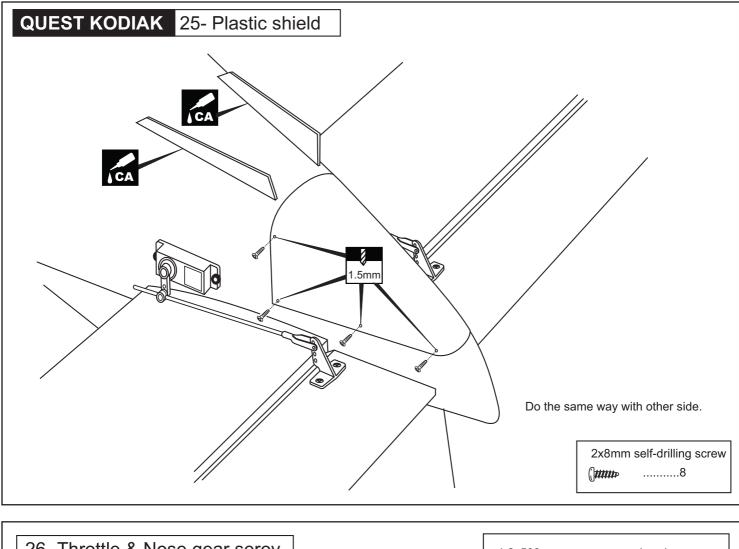


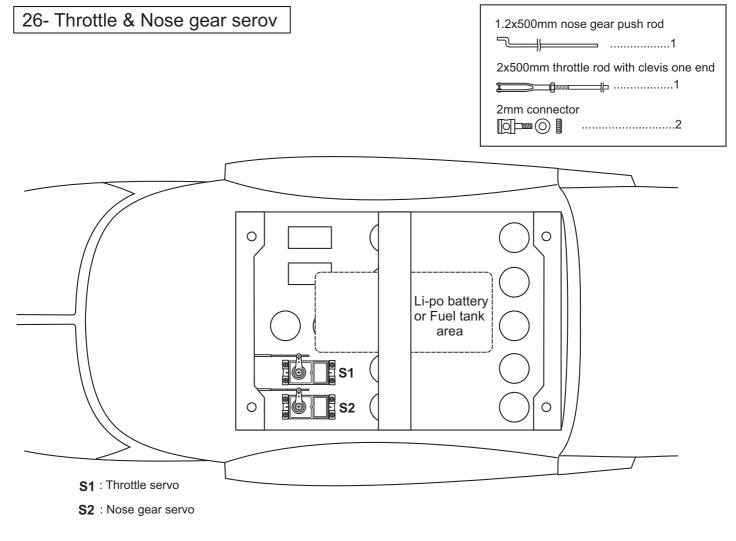


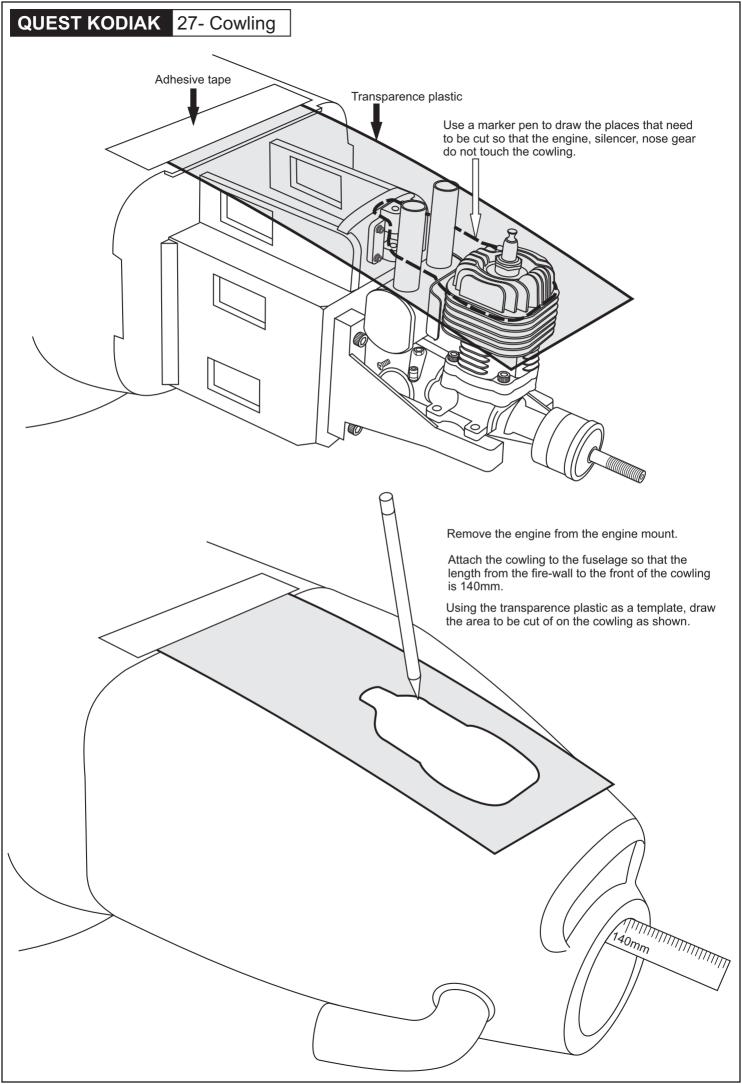


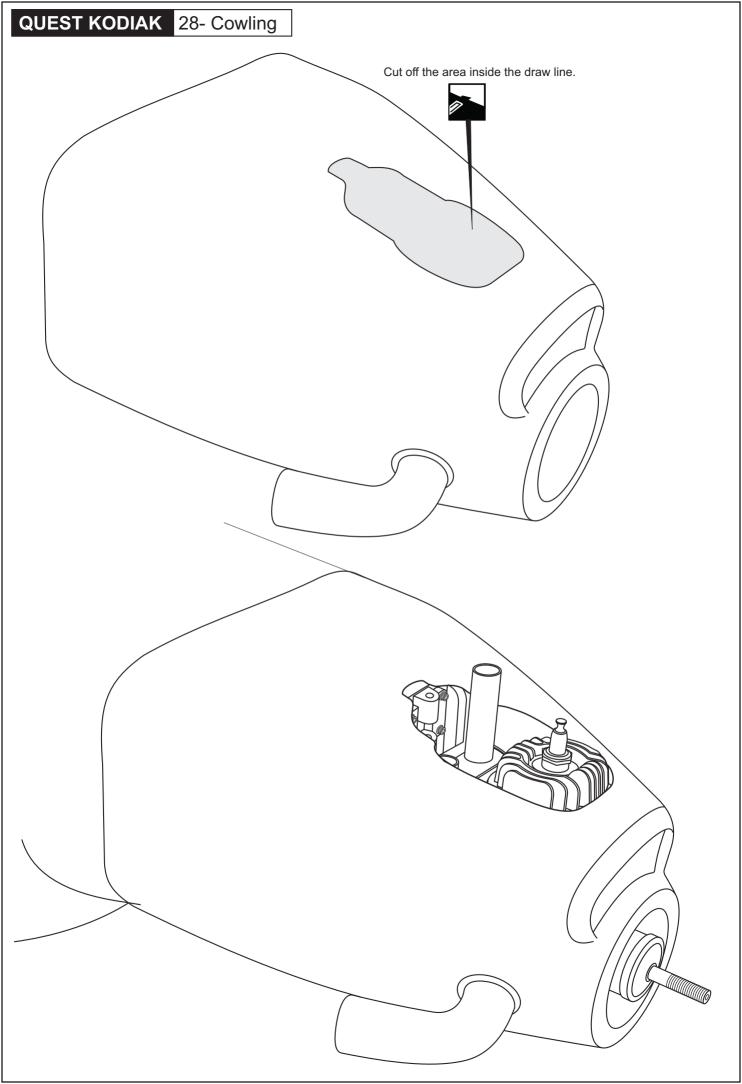


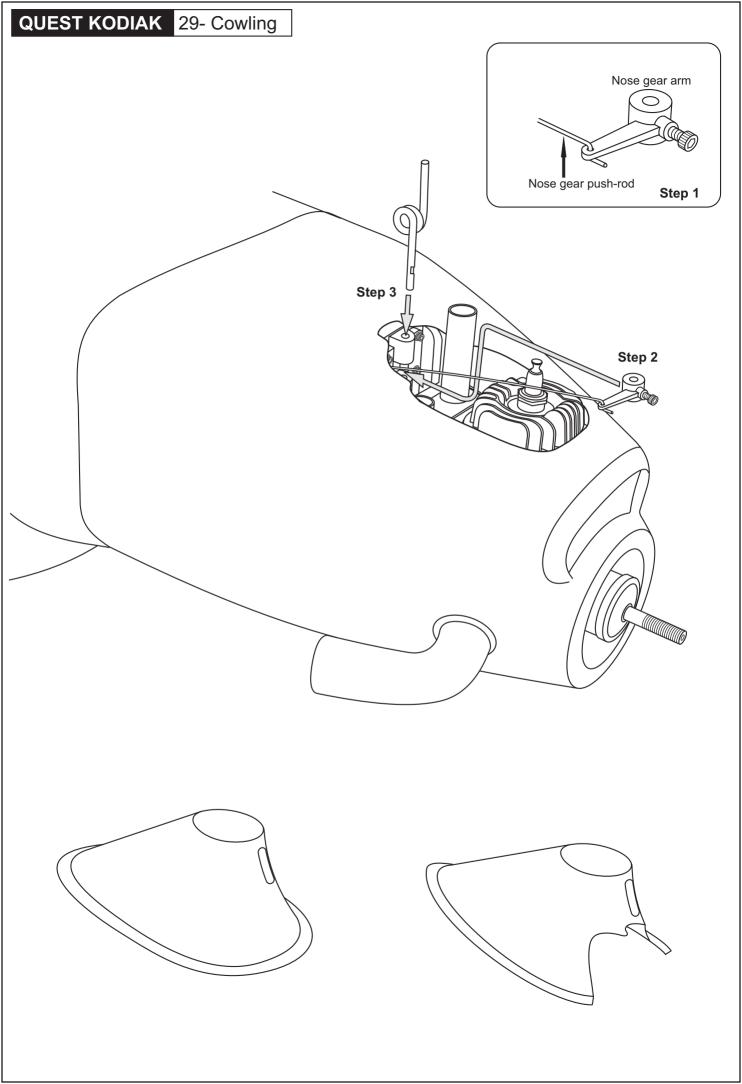


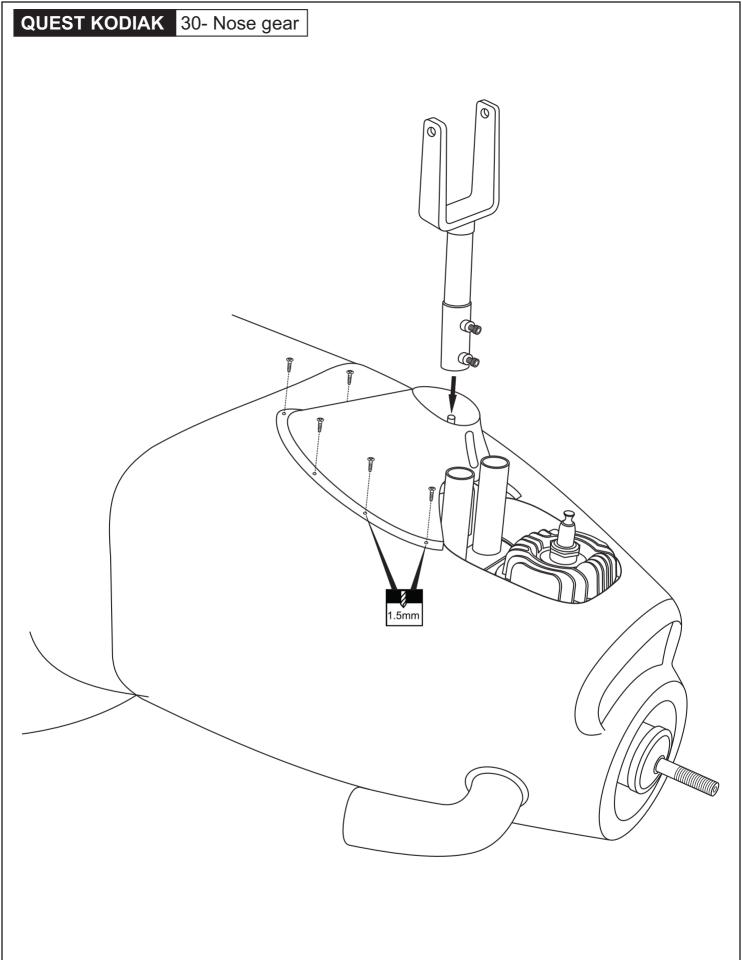




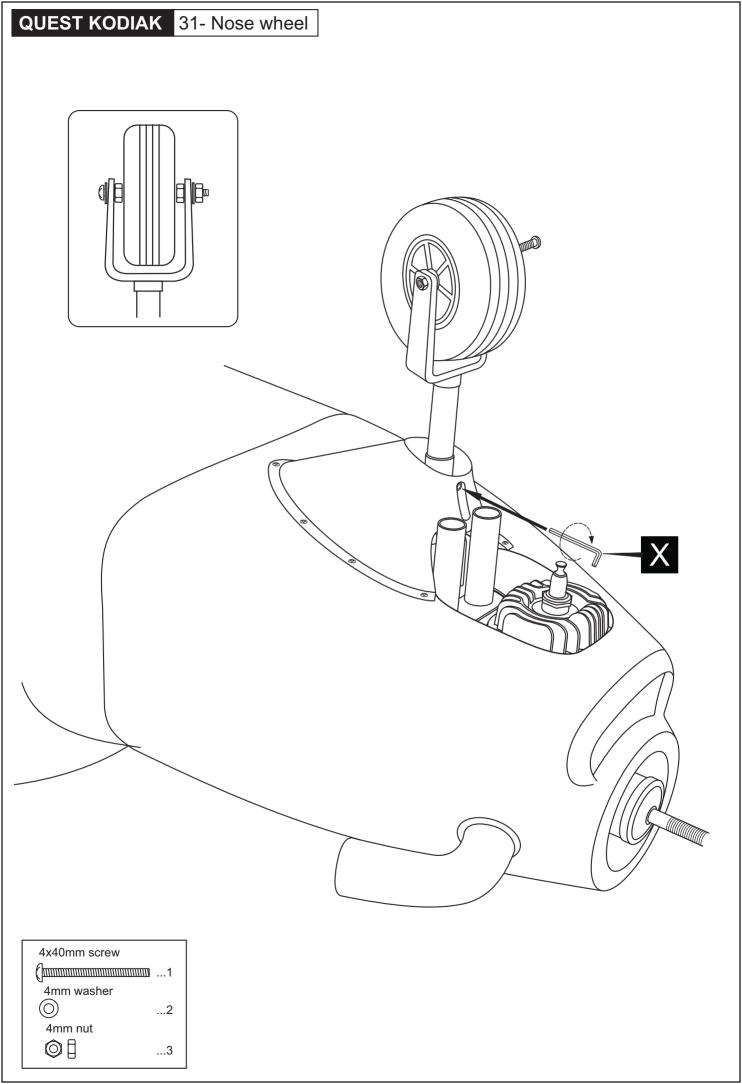


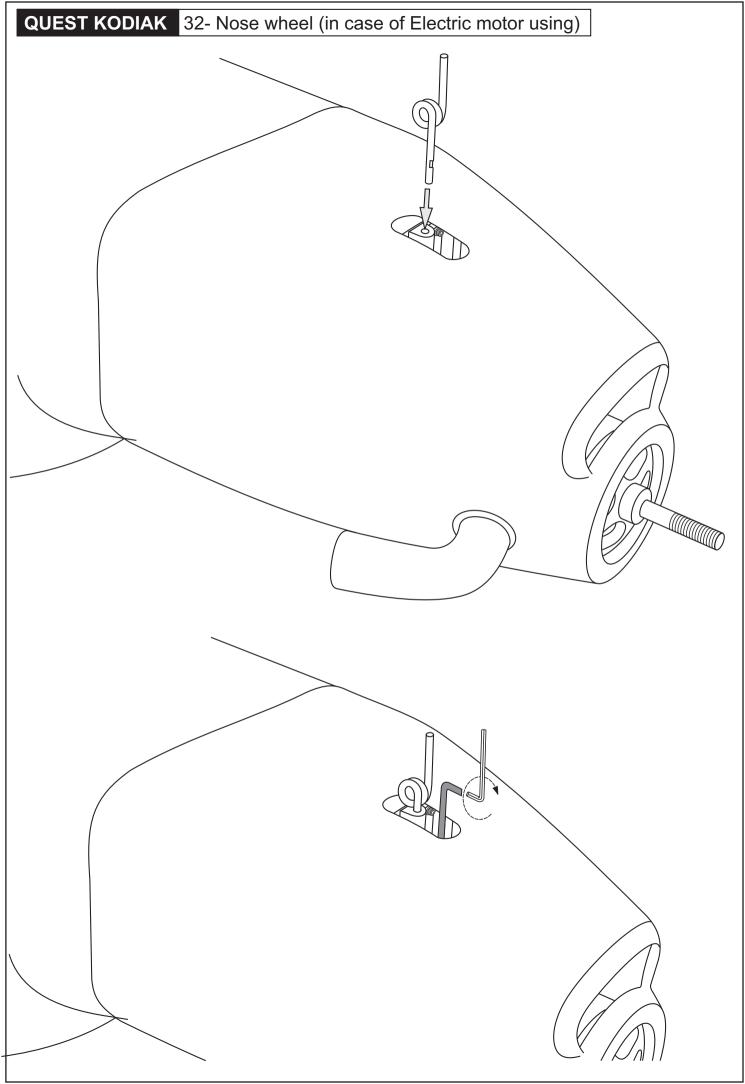


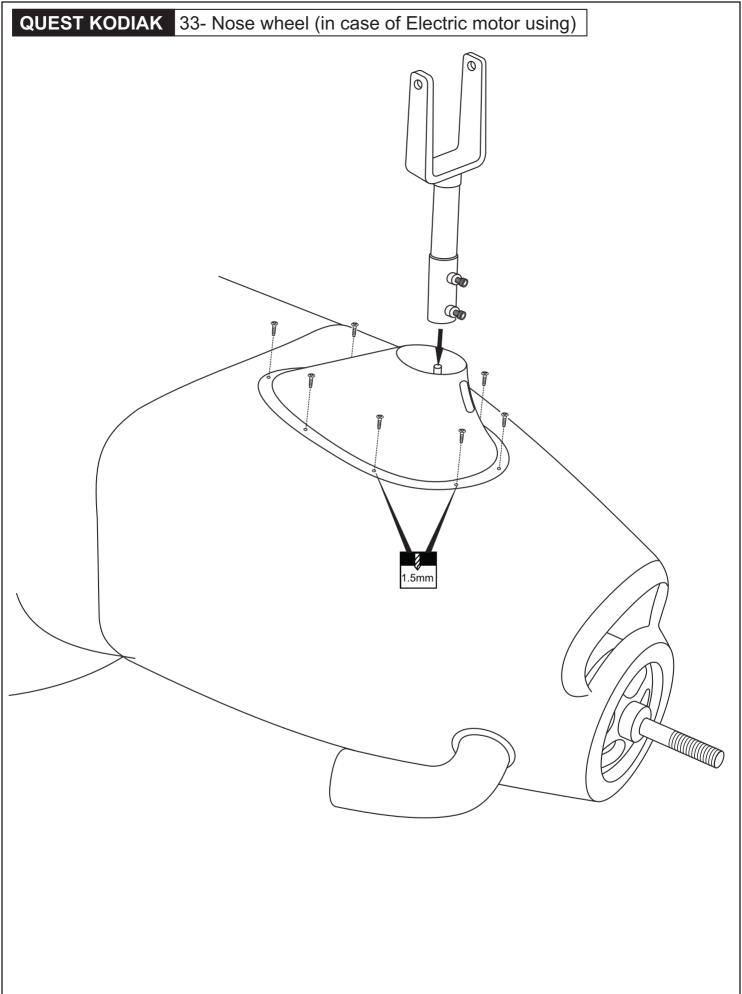




2x8mm self-drilling screw

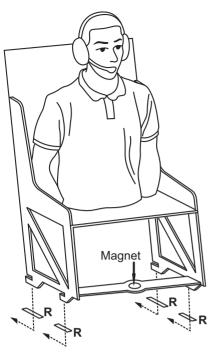






2x8mm self-drilling screw

QUEST KODIAK 34- Pilot's seat and canopy

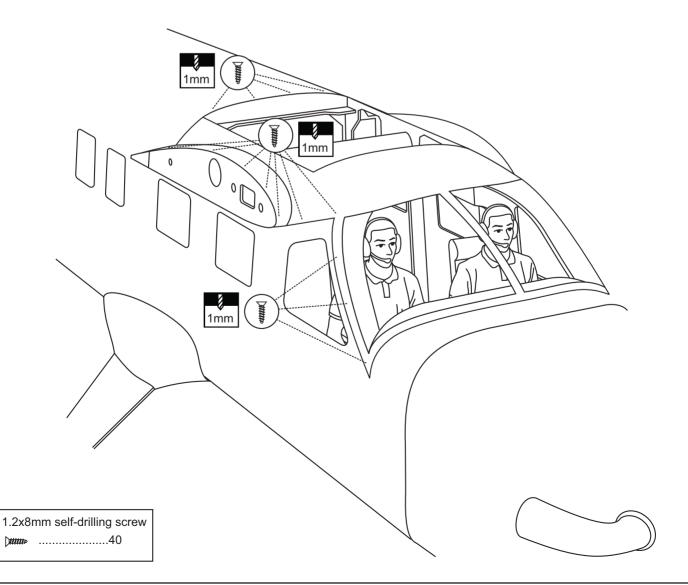


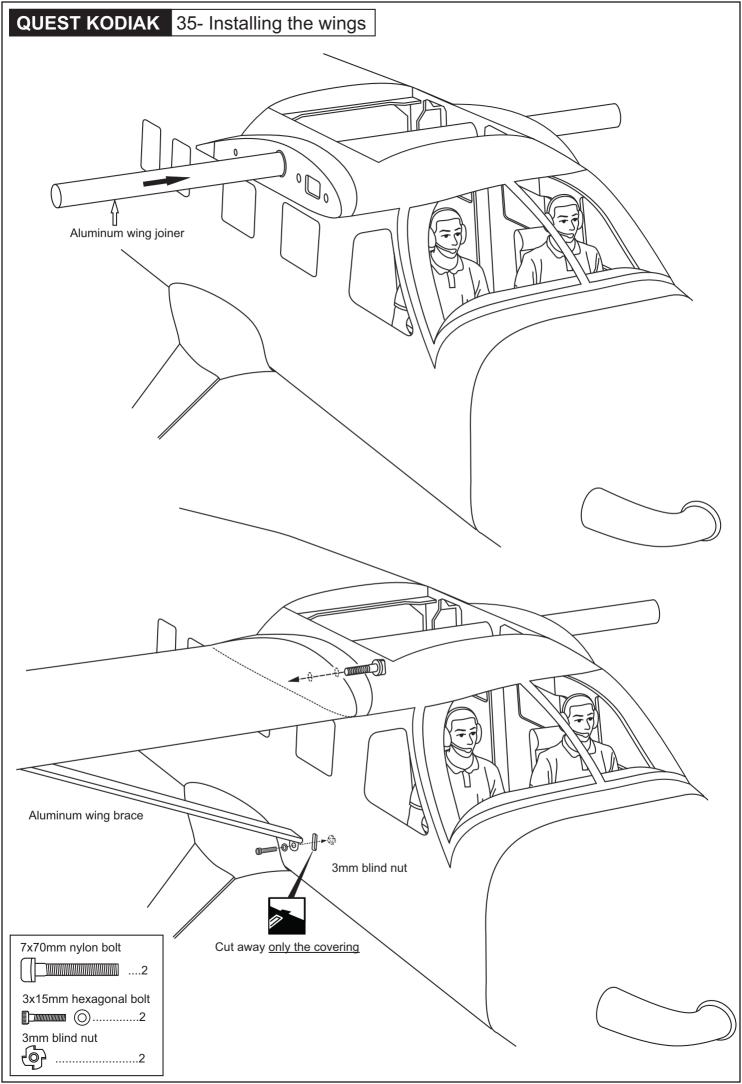
R=Rectangular slots on the floor.

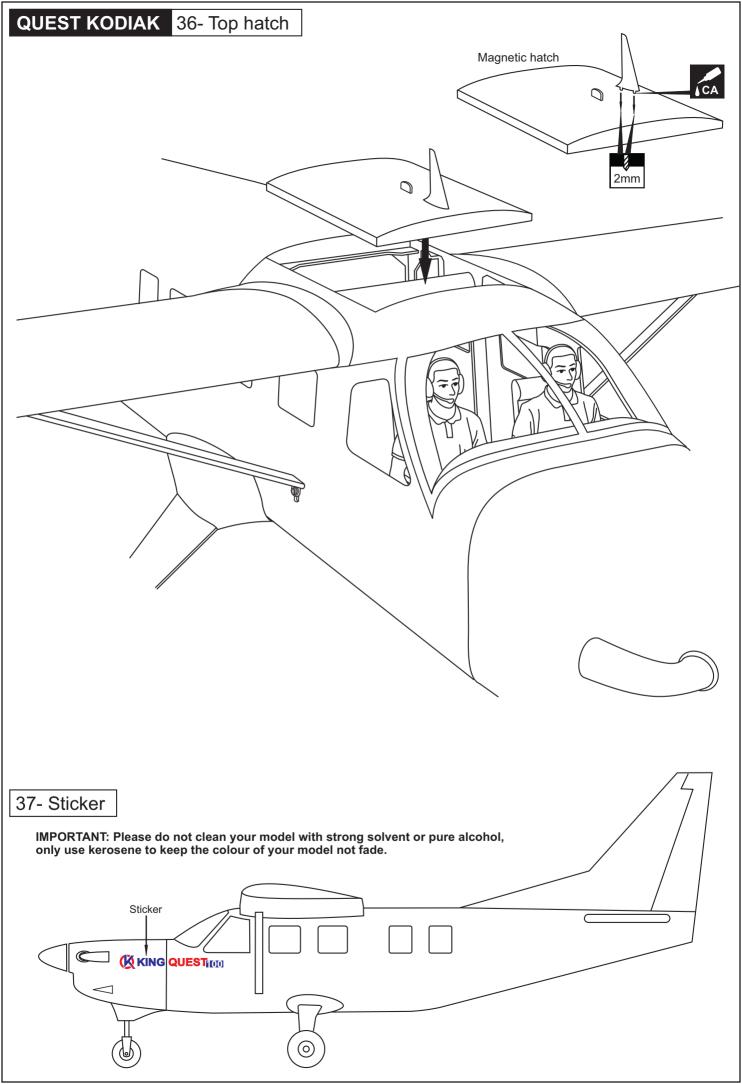
Put the pilot seat in place: Press the 4 ledges under the base of the pilot's seat into the 4 slots in the floor of the plane. Gently push the seat back until it can't be pushed any more.



Remove the pilot's seat: gently push the seat forward and lift it.

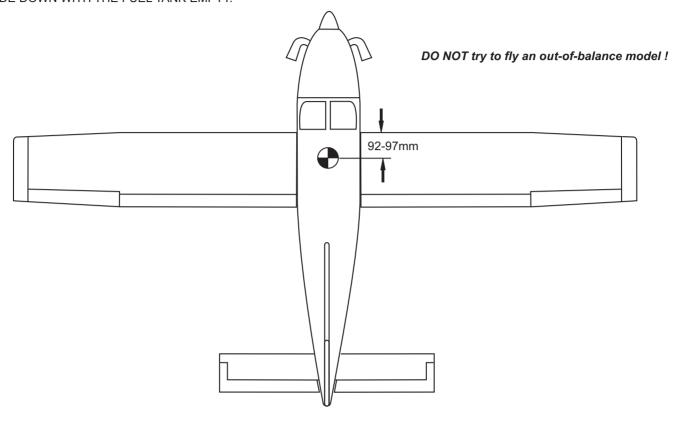


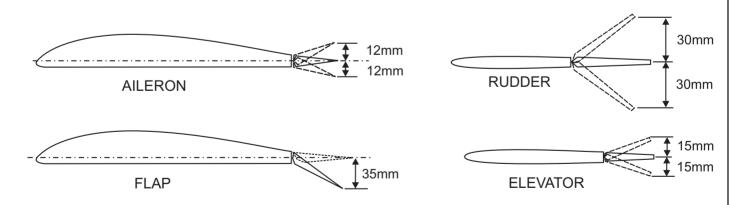




QUEST KODIAK 38- Balance and control surface

THE CENTER OF GRAVITY IS LOCATED 92 - 97mm BACK FROM THE LEADING EDGE OF THE WING, AT THE FUSELAGE. BALANCE A PLANE UPSIDE DOWN WITH THE FUEL TANK EMPTY.





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 King Quest 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".

BEFORE FLYING CHECK EVERYTHING

Before each flight, inspect the airplane for any loose parts. Check the hinges, make sure the pushrods are still firmly attached, and check the engine mounting bolts. In general, check everything on the plane that might possibly come loose.