

H·KING



A380

H-KING GLUE-N-GO A380 PP KIT

INSTRUCTION MANUAL

A380 H-KING GLUE-N-GO A380 PP KIT





◆ Packing List

- | | |
|--------------------------|------------------------------|
| 1: PP A380 fuselage *1 | 6: 2mm Quick rod adjuster *4 |
| 2: Carbon tube 5mm *6 | 7: Hinge *4 |
| 3: Carbon strip 5*1mm *4 | 8: Hook and loop tape *1 |
| 4: Pull rod 1.2mm *4 | 9: M3 screws *4 |
| 5: Motor mount *1 | |



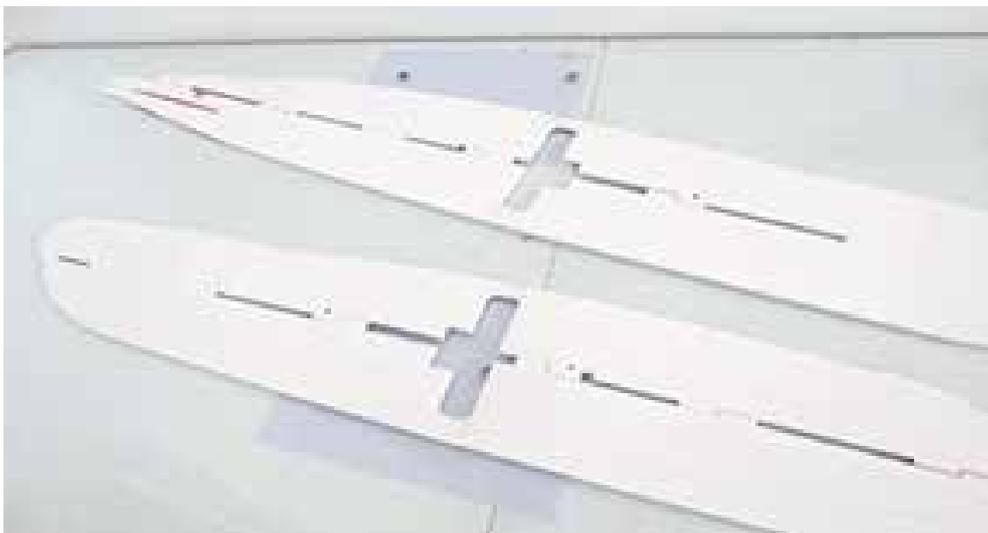
◆ Tools

- 1: 1.5mm allen wrench
- 2: Phillips screwdriver
- 3: Modelling knife
- 4: Wire cutters
- 5: Hot melt glue gun and glue sticks
- 6: Foam-safe glue
7. Instant CA glue (foam-safe)

◆ Electronic Equipment (Recommended)

- Motor: 2212/2216 2200KV-2600KV*1
- Prop: 5×5 3 blades x 1 pc
- ESC: 40A x 1 pc
- Servo: 9 grams x 4 pcs
(one is a reversed servo)
- Battery: 1300-2200mah 3S 40-60C
- Y cord: 2 pcs
- 30cm extension x 2 pcs
- 50cm extension * 1 pcs

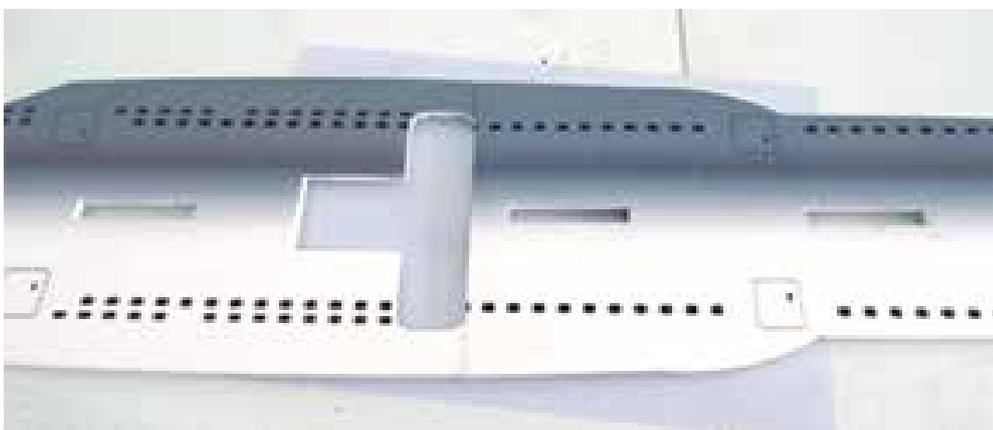
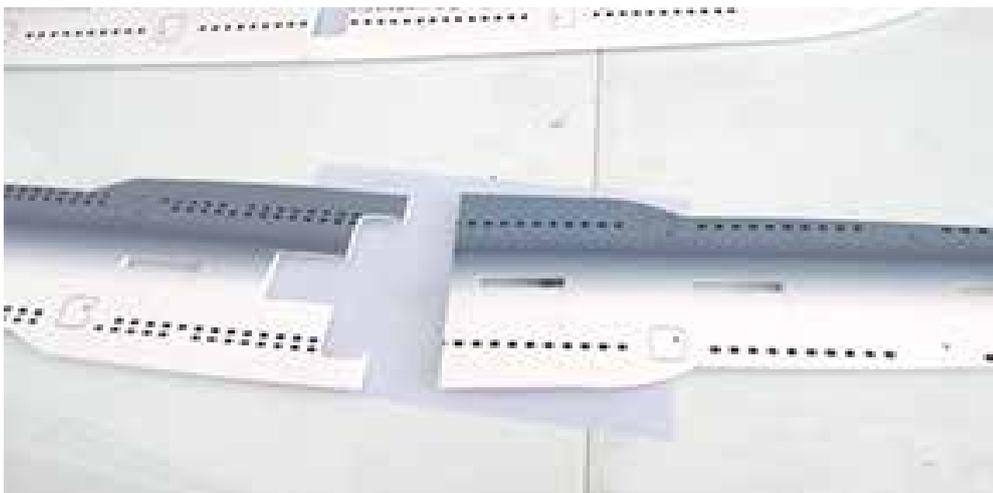
Butt joint and hot glue the vertical fuselages together as shown.



Notice don't let glue flow into the carbon strip's groove.

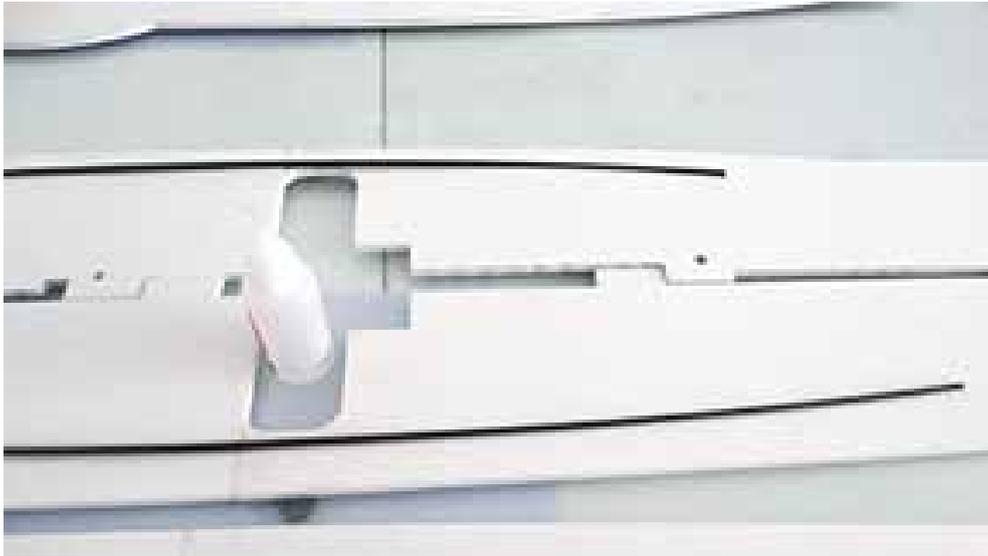


Hot glue the horizontal fuselages together as shown.



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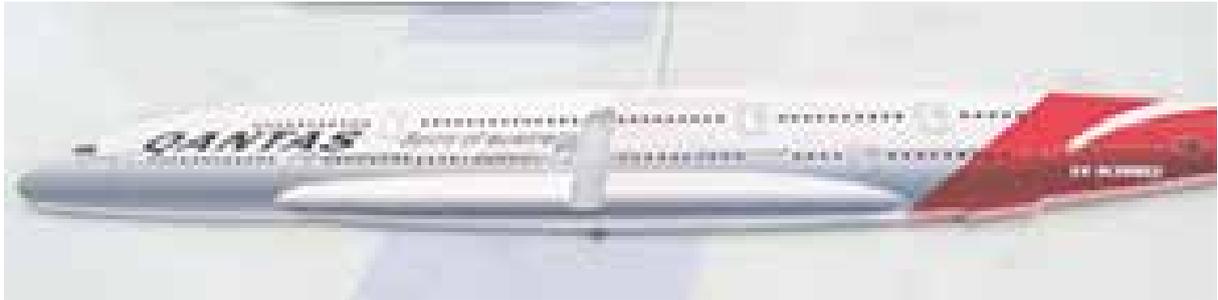
Glue the carbon strips onto the fuselage by using foam-safe CA glue.



Apply foam-safe glue on both sides of the fuselage, then wait for a while and press both fuselage halves together.



Then glue the vertical fuselages together. Make sure the carbon strip are inserted into the groove on both sides. Ensure the working table is flat and even. Then get some heavy weights to put it on top of the fuselage until the glue is dry.



Use a Xacto knife to cut a slot as shown.

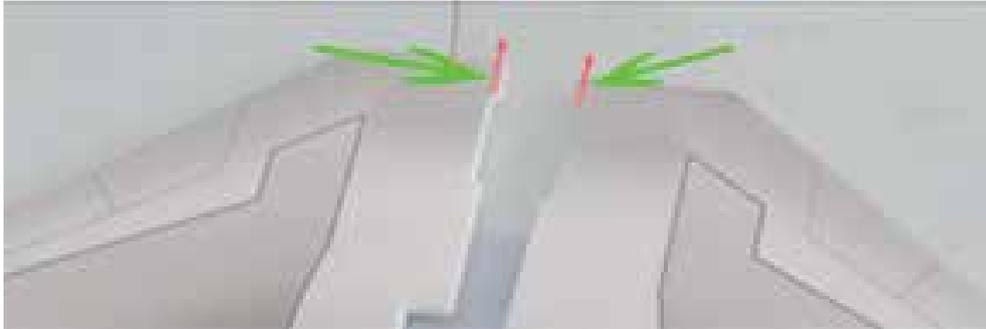


Then glue the wing together by using hot glue.



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Then cut off the bulge as shown by using a knife.



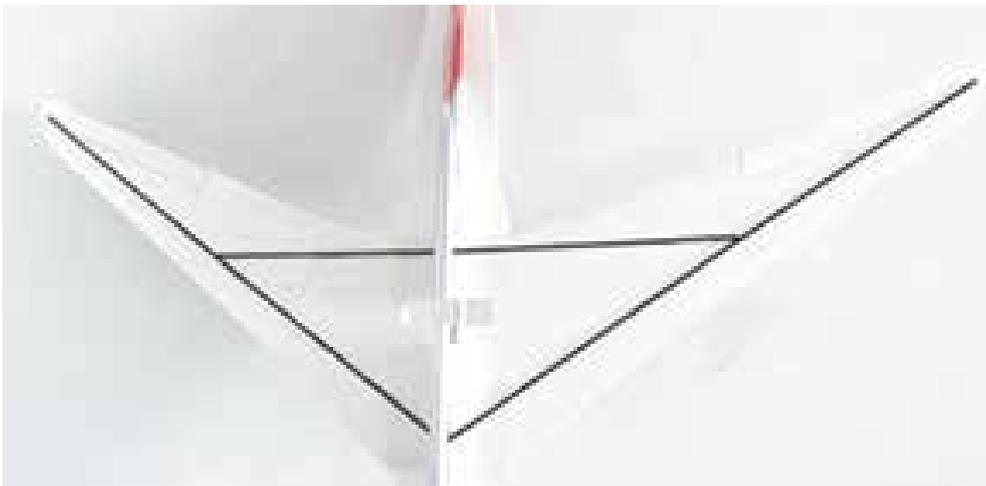
Assemble the horizontal fuselage on wing by using hot glue. Align the motor hole. Then wait for the glue to dry. Assemble the horizontal fuselage on wing using by hot glue. Align the motor/prop cutout . Set it aside and let the glue to dry.



Assemble the vertical fuselage onto the horizontal fuselage by using hot glue.



Then flip the plane over and put the plane on a work table. Install and glue the carbon rod through the hole on the vertical fuselage as shown.



Glue carbon tube on wing by using foam-safe glue as shown.



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Assemble the horizontal tail onto the fuselage by using hot glue. Keep the vertical straight and true.



Then glue the carbon tube on the horizontal tail (very similar to the wing installation).



Glue the carbon tube onto the horizontal tail (very similar to the wing installation).



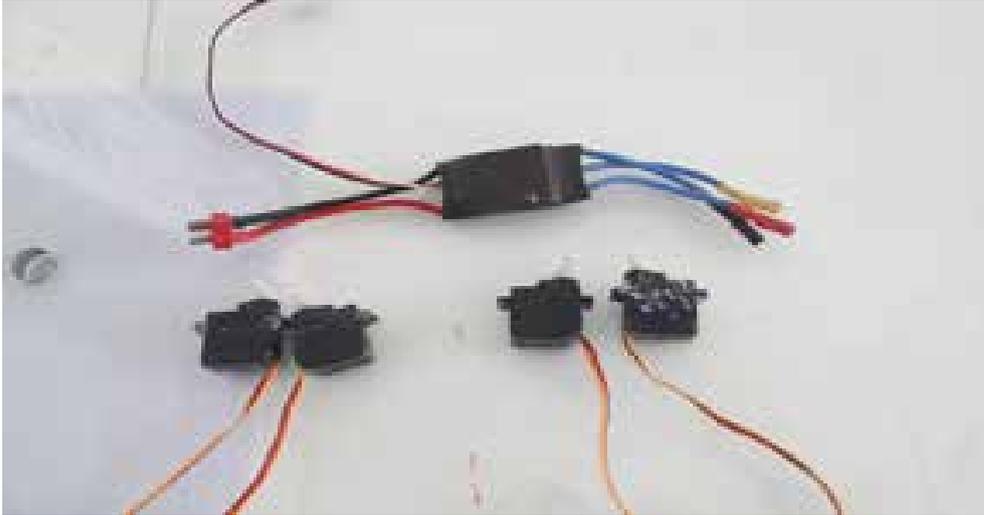
Stick the carbon strips onto the vertical tail by using foam-safe glue.



Install motor on motor mount with 4 pcs M3 screws.

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Before we install all the electronic components onto the airframe, make sure the servo arms are perpendicular to the servo case. This is to ensure that the servo horns are travelled symmetrically in both directions. Notice: A reversed servo is used for the horizontal tail.



Assemble quick rod adjuster and install it onto the hinge. Apply some loctite glue when all grub screws are tightened.



Install and glue the control horns onto the flying surfaces as shown.



Position the aileron servo and glue the servo into place as shown.



Install the supplied push rods onto the push rod adjusters and trim it accordingly.



Install both control horns on the elevator by using the hot glue as shown.



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Position each of the elevator servo halfway (Note: one servo is in reversed rotation) into the servo cutout. Once satisfied with the fit, hot glue the servo in place as shown. Ensure the control surfaces are all levelled. Then install the push rod onto the quick rod adjuster and lock it in place with the grub screws. Trim the excess push rod accordingly.



Install the motor and prop onto the fuselage by using hot glue. Ensure the thrust line is straight and level



Connect the elevator servo lead and the aileron servo lead by using some Y cord extensions.



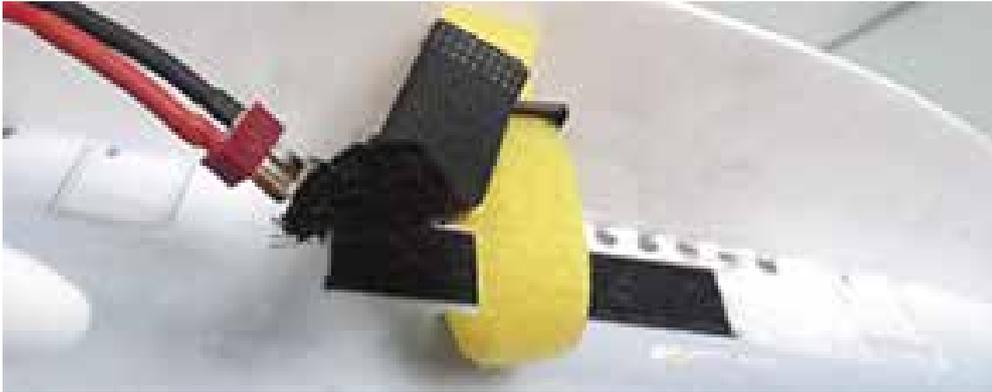
Install a receiver and an Esc onto the fuselage by using the supplied hook and loop tape. Please tidy up all the servo leads by using some nylon cable ties to prevent from the prop catching the servo leads.



Position the battery according to the C of G location. Once satisfied with the C of G, mark the battery location on the fuselage and you may secure it on the fuselage by using the supplied hook and loop tape.



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Install winglet on the wing tip by using hot glue



Position the vertical tail to the fuselage, slide the carbon strip into the slot on the fuselage and secure it by using hot glue. Ensure the vertical fin is perpendicular to the wing and the stabiliser.



Fix aileron on wing and horizontal tail using foam glue. Notice : Don't use fiber tape or other kinds of tape. Foam glue is a good hinge for PP sheets.



C of G location is right at the red dot shown in the picture below.

