Instruction Manual
CUCKOO

SPECIFICATION

Wingspan : 580mm
Length : 500mm
Flying Weight : 120g

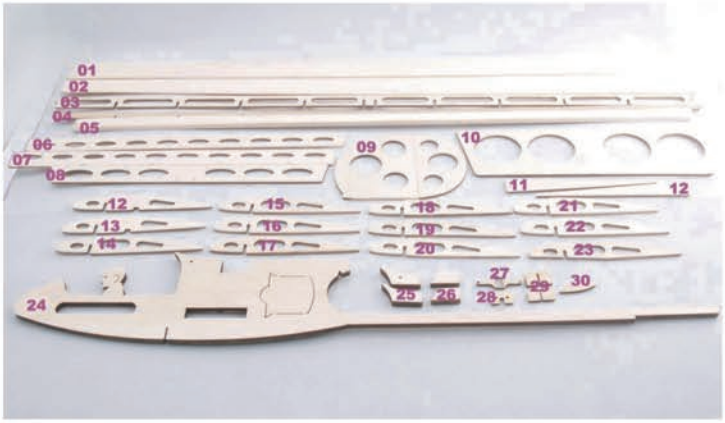
Suggested Equipment:
Motor : C10 2900KV/EDF 30
Esc : 2S 5A/10A
Prop : 4025
Servos : 2.5g*3
Battery : 2S 800mAh
Radio : ≥4CH

TOOLS NEEDED

Hobby Knife
Heat Source(Soldering iron & Lighter)
Foam glue
CA glue

ASSEMBLY GALLOWS

GALLOW MODEL PARTS



During installation, please note parts number accordingly.

1. Wing Installation

1.1 Set up Part 12 -23 to Wing Spar by Instant Cement. Note: Part 12 and 13 Wing Ribs in the middle of the Wing Spar.

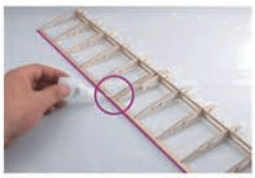
1.2 Adhere Part 4(Trailing Edge) to the bottom of the Wing Ribs by Instant Cement.

1.3 Part 1 and 2 (Masks) Adhere Top and Bottom each piece to the front of the Wing Ribs by Instant Cement.

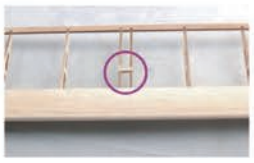
1.4 Adhere Part 5 (nose of wing) to the front of the Wing Ribs by Instant Cement, Rub down well with sandpaper.

1.5 Install Part 11 and 12 (Wing tips) to both sides of the Wing.

1.6 Cut out a small wooden bit of Part 5 to become a Steering Gear Seat Strengthen bit, placed in the middle of 2 of the Wing Ribs.



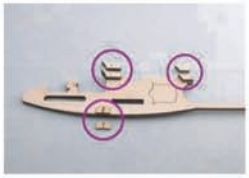


2. Plane Body Installation

2.1 Set up Part 25-30 to Body by Instant Cement. Insert Linkage from the Tail Rod, adhere at the middle of the Tail Rod by Instant Cement.

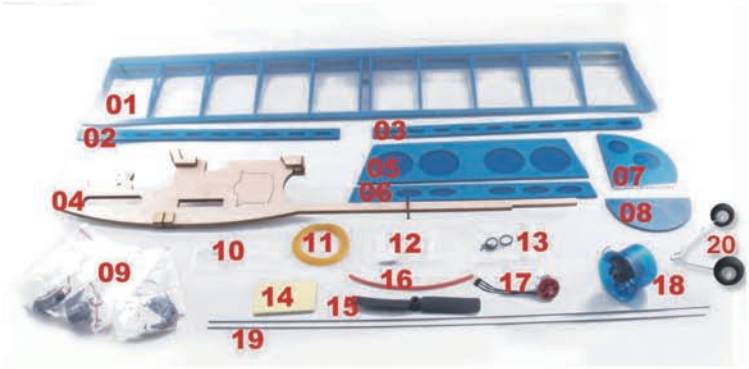
2.2 Insert a 4cm Carbon Rod to the Bridge Wing adhered by Instant Cement. Adhere the electric installation seat to the corresponding locations in the Body.

End of the Frame Installation. Begins Skin Covering.



ASSEMBLE THE AIRPLANE

The following pic is after Skin Covering



KIT CONTENTS

01 Wing	11 Rubber Band *5
02 Left Aileron	12 Paper Hinge
03 Right Aileron	13 Blade Protector
04 Body	14 Double sided tape
05 Tail Wing	15 Blade
06 Elevator	16 Heat shrinking Tube
07 Vertical Tail Fin	17 Motor
08 Rudder	18 Ducted Fan
09 2.5g Steering Engines*3	19 Carbon Rod *2
10 Z shaped Steel Wire	20 Undercarriage Wheel

3. Model Installation

3.1 Open a slot at the corresponding locations in the trailing edge of the Wing and Ailerons by a Knife. Insert Paper Hinges and adhered by Instant Cement

3.2 Same as 3.1, Connect the Rudder and Elevator.

3.3 Cut out the skin covering in the middle of the Wing. Install the Steering Engine to the corresponding location and fix up by screws.

3.4 Open a slot in the corresponding location in the Aileron. Install the Rudder Angle and adhere by Instant Cement.

3.5 Use the Heat-Shrink Tube and Glue to create a connecting bar connected by a Carbon Rod and Z-shaped Steel Wire. First Connect the Rudder Angle, verify the length, then connect the Steering Engine Arm, finally install the Arm to the Steering Engine.





4. Model Body Installation

4.1 Install the Blade and Blade Protector to the Motor, then install the Motor to the Motor Installation Seat and fixed up by screws.

4.2 Install the 2 Steering Engines to the corresponding holes in the Body and fixed up by screws. Note the direction of the Steering Engines is facing as the pic above

4.3 Make sure the Tail Wing and Tail Rod are in the horizontal and vertical position shown as pic, cut out the skin covering that is needed to be adhered. Then adhere the joint wooden part by Instant Cement. Install the fin and skid to the top and bottom to the bottom of the Tail Rod, adhere by Instant Cement.

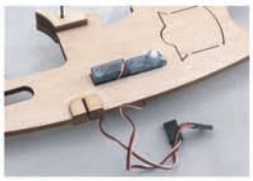
4.5 Using a Knife to open a slot in the corresponding location in the Rudder and Elevator , install the Rudder Angle and adhere by Instant Cement.

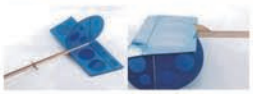
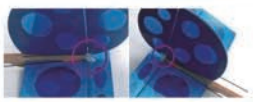
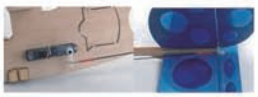
4.6 Use the Heat-Shrink Tube and Glue to create a connecting bar connected by a Carbon Rod and Z-shaped Steel Wire. First Connect the Rudder Angle, verify the length and then install the Arm to the Steering Engine.

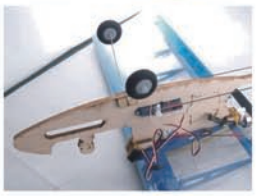
4.6 Use Rudder Band to bind the Wing to the Body. Note the Rubber Band on the Carbon Rods of the Bridge Wing as shown.

4.7 Install the Landing Gear and adhere by Instant Cement.

If needed to use the force of the Ducted Fan, just cut out a slot in the middle of the body, install the 30mm Ducted Fan in the slot and adhere by Instant Cement.


5. Adjust the Center of Gravity Position

Adjust the Center of Gravity Position, the center of gravity position is around the yellow dot location as shown above, at above 35% of the back and bottom of the wing .