

YOYO



SPECIFICATION

Wingspan : 580mm
 Length : 460mm
 Flying Weight : 100g

Suggested Equipment:

Motor : C10

Esc : 5A

Prop : 4025

Servos : 2.5g*2

Battery : 2S 500-800mAh

Radio : ≥3CH

TOOLS NEEDED

Hobby Knife

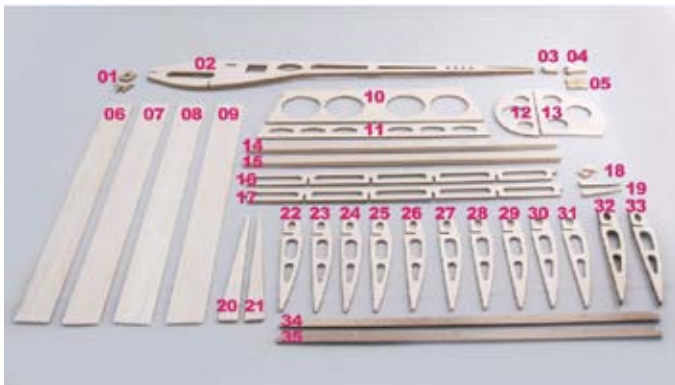
Heat Source(Soldering iron & Lighter)

Foam glue

CA glue

ASSEMBLY GALLOWS

GALLOW MODEL PARTS



During installation, please note parts number accordingly.

1. Wing Installation

1.1 Set up Part 22,23,24,25,26,32 to wing spar by instant cement. Note: the position between Part 32 and part 16.

1.2 Adhere Part 34(Trailing Edge) to the bottom of the wing ribs by instant cement

1.3 Part 06 and 07 (Masks) Adhere top and bottom each piece to the front of the wing ribs by instant cement.

1.4 Adhere Part 14 (nose of wing) to the front of the wing ribs by instant cement, rub down well with sandpaper.

1.5 Install Part 18, 19, 20 (Wing tips) to both sides of the wing.

1.6 Finish the other wing as the above steps, Adhere the two finished wings with instant cement and make sure the angle is about 12 degrees. Thus far, the wings installation is finished.



ASSEMBLE THE AIRPLANE

2. Plane Body Installation

2.1 Adhere Part 03, 04, and Part 05 to the body as above pictures shown.



2.2 Adhere the motor mount to the front.



End of the Frame Installation. Begins Covering.

The following pic is after Skin Covering



KIT CONTENTS

01 Tail Wing	09 Carbon Rod *2
02 Elevator	10 Paper Hinge
03 Wing	11 Heat shrinking Tube
04 Body	12 Z-bends
05 Vertical Tail Fin	13 2.5g servo*2
06 Rudder	14 Rubber Band
07 Double sided tape	15 Propeller
08 C05 motor	16 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 vertical Tail Fin.



3.3 Cut the redundant covering after the tail fin and body is in the upright position.



3.4 Adhere the vertical tail fin to the tail of the body.



4. Model Body Installation

4.1 Install the motor to the motor mount and fixed up by screws.



4.2 Install the 2 servos to the corresponding holes in the body and fixed up by screws. Note the direction of the servos are facing as the pics above.



4.3 Using a knife to open a slot in the corresponding location in the rudder and elevator, install the horn and adhere by instant cement.



4.4 Use the heat-shrink tube and glue to create a connecting bar connected by a carbon rod and Z-bends. Connect the horn, verify the length and then install the arm to the servo.



4.5 Connect the another servo to the elevator as the same way of 4.4.



4.6 Install the landing gear to the plane and adhere by instant cement.



4.7 Install the prop to the motor with prop saver.



4.8 Insert the two 40mm carbon rod respectively, and adhere by instant cement. Install the wing and fixed by the rubber band.



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.

