

*BUILD YOUR
FASCINATE*



Dear customers,

Thank you for choosing FASCINATE flat foam plane. FASCINATE is our newly developed super light flat foam 3D plane after CAP232 and EDGE540.

It features:

A. 3mm flat foam, carbon fiber stuffs (rods & tube) reinforcement, make the plane light and strong. The total weight of the kit with carbon fiber stuffs rods & tube, horns, and motor mount is only 80.5g, 2.48oz!

B. 4 pieces of little decelerating flat foam over aileron and stabilizer trailing edges, interfering small wing on the back of hatch & interfering strips under the wings interfere the airflow, making your indoor flying funnier.

C. Pushrod set comprises of carbon fiber rods, spill, servo arms and horns, lightening the plane.

I Specification

Weight: 80.5g (2.84oz), including carbon fiber stuffs rods & tube, horns, and motor mount

Length: 865mm (34.05in)

Wing span: 825mm (32.48in)

Height: 170mm (6.69in)

Motor shaft (center point): 160mm (6.30in) from ground

II Recommended (optional)

Transmitter: 4 CH

Servo: 1*9g servo, 2*3.7g servos

Motor: EMAX BL2205 or BL2210/30

Battery: LOONG-MAX 500-800mah-20C-2cell or 500-800mah-20C-3cell

Prop: SF8 × 6

III Build your FASCINATE

i. Kit contents

- Vertical fuselage halves (2)
- Ellipse, round decelerating flat foam, (2)
- Wing
- Aileron (2), small wing (2)
- Plywood (1)
- Rudder (1), horizontal stabilizer (1)
- Wheel pant (2)
- Interfering small wing (2)
- Interfering strips (2)



ii. Assembly accessories

- 950mm ϕ 1mm carbon fiber rod (2)
- 220mm ϕ 3mm carbon fiber tube (2)
- Plywood accessories set (1)
- Horn (4)
- ϕ 2.0 heat shrink tube 200mm



iii. Tools

- Transparent adhesive tape
- Cement for foam
- 502 bond
- Hobby knife
- Scissors
- Pore opener
- Ruler



ix. Assembling

Glue the horizontal fuselage to wing



Pick out the ailerons, slice them on its join area with the wing at a 45° angle at the bottom, stick them to the the wing trailing edge as shown in the picture.

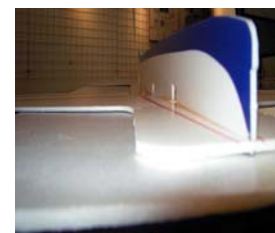
Note: Make sure that the ailerons can move freely up and down.



Slice the elevators at a 45° angle on its join area with the horizontal stabilizer at the bottom, stick them to the horizontal stabilizer trailing edge as shown in the picture.



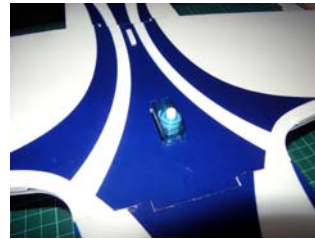
Glue the lower vertical fuselage halve onto the horizontal fuselage. Make sure it is perpendicular to the horizontal fuselage.



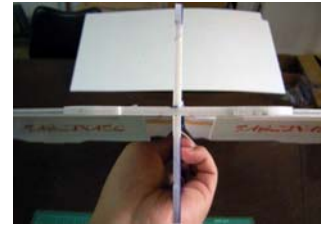
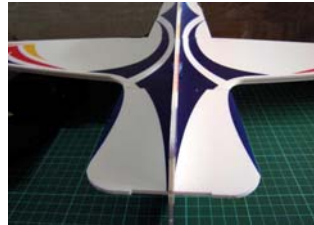
Glue the interfering flat foam strips under the wing as shown in the picture.



Assemble the aileron servo (the 9g servo) as shown in the picture.



Glue the upper vertical fuselage half onto the horizontal fuselage. Make sure it is perpendicular to the horizontal fuselage.



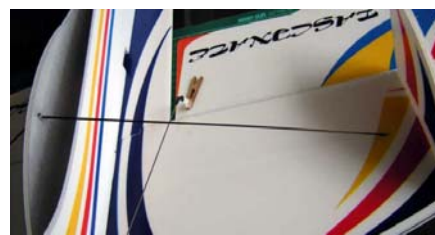
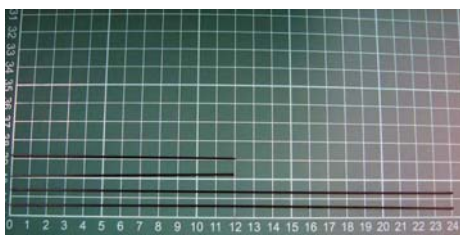
Slice the rudder at a 45° angle on its join area with the vertical fuselage at the bottom, then stick it onto the trailing edge as shown in the picture.



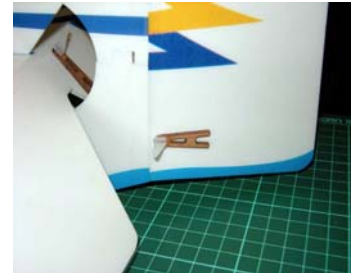
Assemble the carbon fiber rods

Below are the recommended carbon fiber rods. You can also use different size according to your preference and needs.

Where is it used	diameter	length	qty
Wing reinforced rod	1mm rod	240mm	2
Stabilizer reinforced rod	1mm rod	120mm	2
elevator, rudder pushrod	1mm rod	Subject to you need	2
Wheel slanting reinforced rod	3mm tube	220mm	2



Mount the horns, landing gear, and pushrods. (Attention: scissor a jag on the horns and servo arms, glue with 502 bond where the horns and the pushrod join. The length of pushrods is subject to the actual assembly.)



x. decelerating flat foam pieces and small wings are recommended for outdoor flying.



THE END

Should you have any question, please turn to your local dealer. Happy flying!