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BEAVER

Item Nr: CY8043B



Instruction Manual

Before commencing assembly, please read these instructions thoroughly.

ALMOST - READY - TO - FLY



Warning!

SAFETY PRECAUTIONS

This radio control model is not a toy!

SPECIFICATION

- First-time builders should seek advice from people having building experience in order to assemble the model correctly and to produce its performance to full extent.
- Assemble this kit only in places out of children's reach!
- Take enough safety precautions prior to operating this model.
You are responsible for this model's assembly and safe operation!
- Always keep this instruction manual ready at hand for quick reference, even after completing the assembly.
- Could cause serious injury or even death

Wing Span: 3000mm (118.1in)
Wing Area: 102.9dm² (1 549.6sq.in)
Total Length: 1970 mm (77.6 in)
Engine : 80-100cc gas engine
Radio : 5channels , 9 servos (landplane)
6channels , 11 servos (floatplane)

REQUIRED FOR OPERATION (Purchase separately)

- 1 A minimum 5channel radio for airplanes (with 9servos). And dry batteries.



CAUTION: Only use a minimum 5channel radio for airplanes! (No other radio may be used!)

A minimum 5 channel transmitter for airplanes.



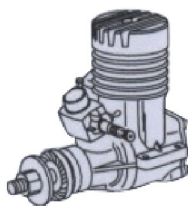
12 AA-size Batteries



For handing the radio properly, refer to its instruction manual.

- 2 Engine and Muffler
Model Airplane engine
80-100cc gas engine

Muffler



Glow plug

Purchase a propeller that will match your engine



- 3 Propeller splinner

- 4 Silicone Tube  Fuel Filter 

- 5 Required for engine starting Glow engine fuel only.

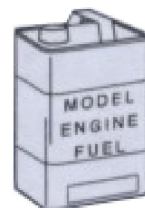


WARNING: Normal gasoline cannot be used with glow engines.



Fuel Pump

Plug Wrench



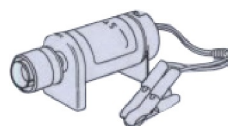
Epoxy Glue

- 6 Glue

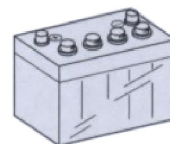


Instant glue

- 7 Other equipment for enhancing airplane operation & peromance



Engine Starter



12V Battery (for starter)



Ignition

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



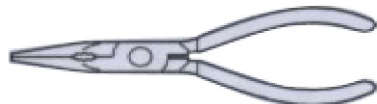
Phillips Screw Driver



Awl



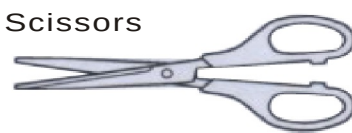
Needle Nose Pliers



Wire Cutters



Scissors



BEFORE YOU BEGIN

- 1 . Read through the manual before you begin ,so you will have an overall idea of what to do.
- 2 . Check all parts .if you find any defective or missing parts .contact your local dealer.
- 3 . Symbols used throughout this instruction manual,comprise.



Apply epoxy glue.



Drill holes with the specified Diameter(here:2mm)



Must be purchased separately!



Warning!



Apply instant glue (CA glue,super glue).



Ensure smooth non-binding movement while assembling.



Pay close attention here!

Do not overlook this symbol.



Assemble left and right Sides the same way.



Cut off shaded portion.



Cut off excess.

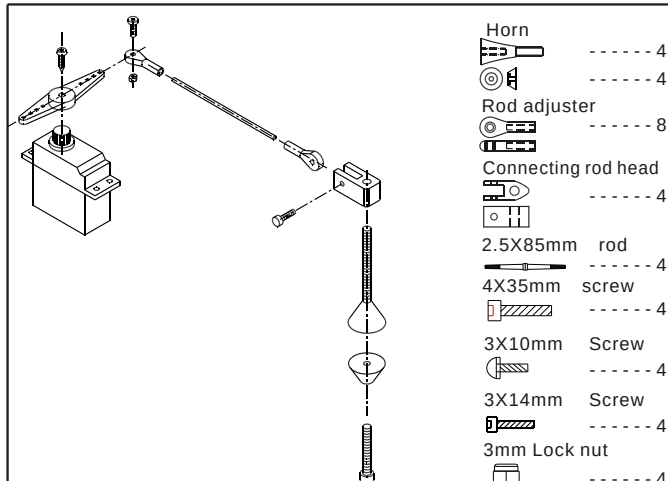


Accessory list for this page.

Horn	----- 4	3X10mm Screw	----- 4
	----- 4	3X14mm Screw	----- 4
Rod adjuster	----- 8	3mm Lock nut	----- 4
	----- 4	Hinge	----- 26
Connecting rod head	----- 4	8mm nylon Nut	----- 4
	----- 4	8mm washer	----- 4
2.5X85mm rod	----- 4		
	----- 4		
4X35mm screw	----- 4		
	----- 4		

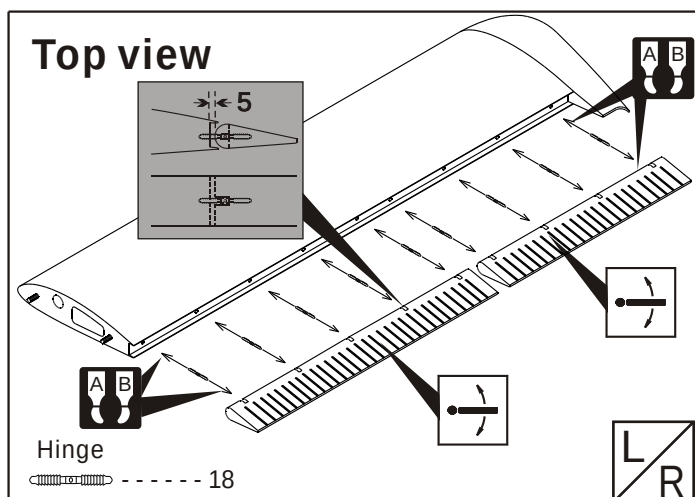
3

Install the servo of aileron and flap



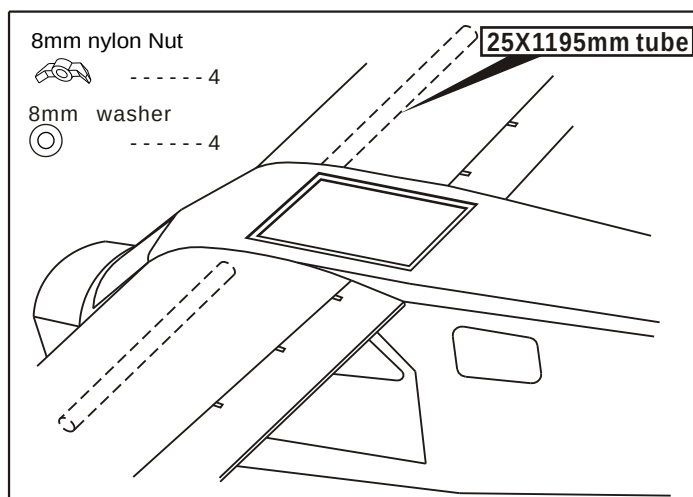
1

Install the aileron and flap



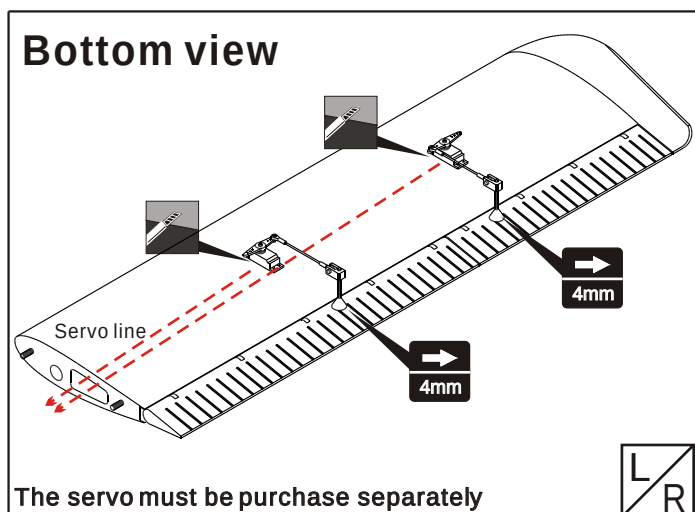
4

Main wing



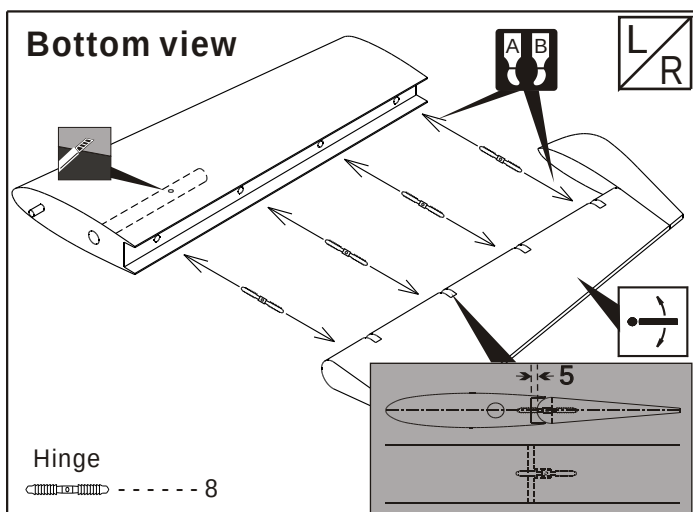
2

Install the servo of aileron and flap



5

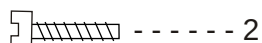
Install the elevator



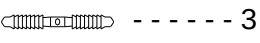


Accessory list for this page.

4X20mm Screw



Hinge



4mm washer



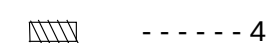
3.2mm Rocker



3.2mm Nylon Collar



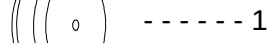
3X3mm Screw



3.2mm Collar

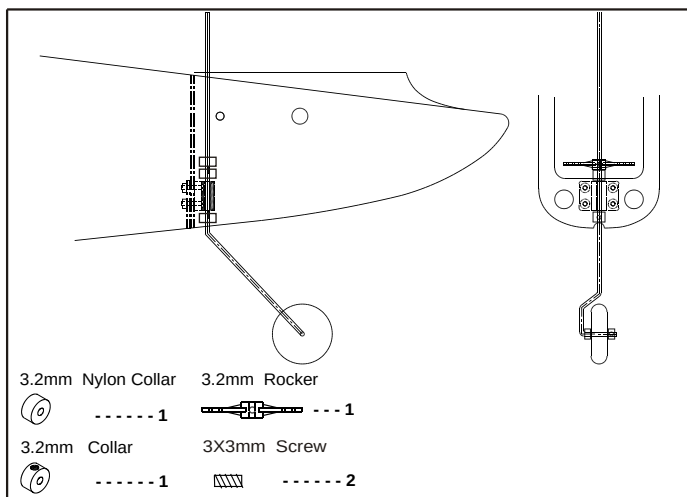


45mm wheel



8

Install the tail wheel



3.2mm Nylon Collar 3.2mm Rocker

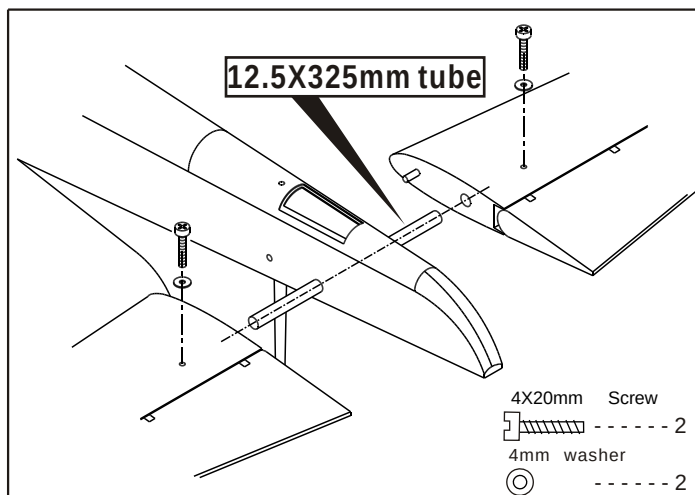


3.2mm Collar 3X3mm Screw



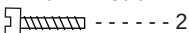
6

Install the elevator



12.5X325mm tube

4X20mm Screw

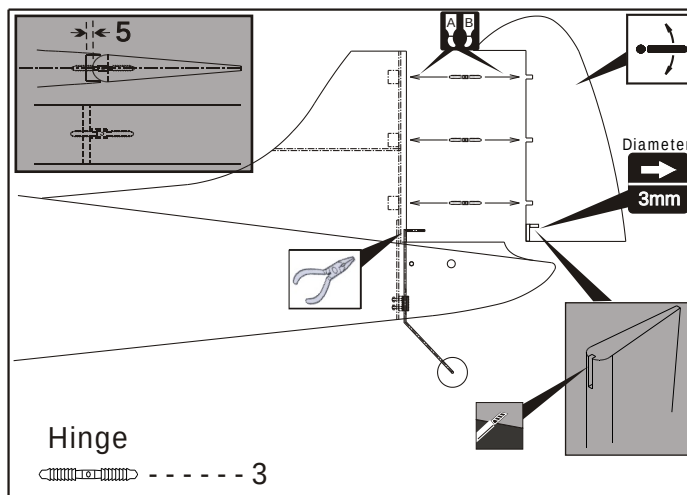


4mm washer



9

Install the rudder

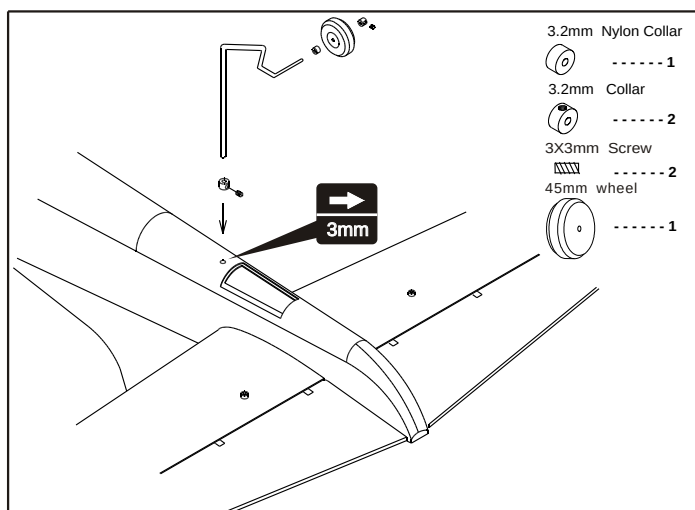


Hinge

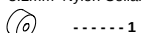


7

Install the tail wheel



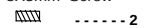
3.2mm Nylon Collar



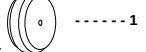
3.2mm Collar



3X3mm Screw

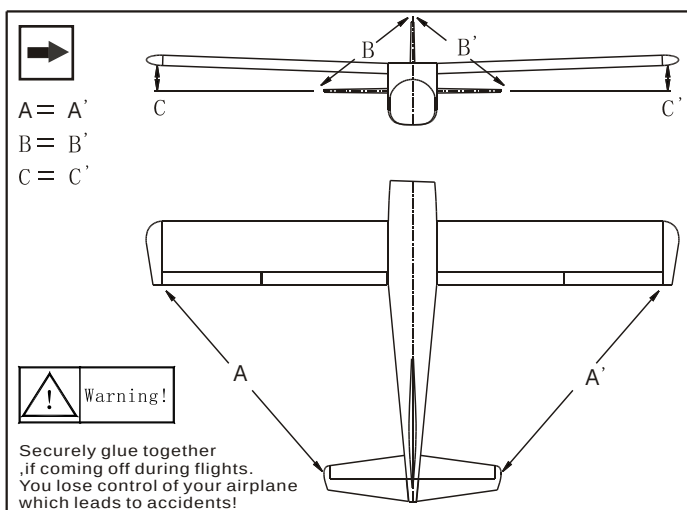


45mm wheel



10

Horizontal/Vertical tail



A = A'
B = B'
C = C'

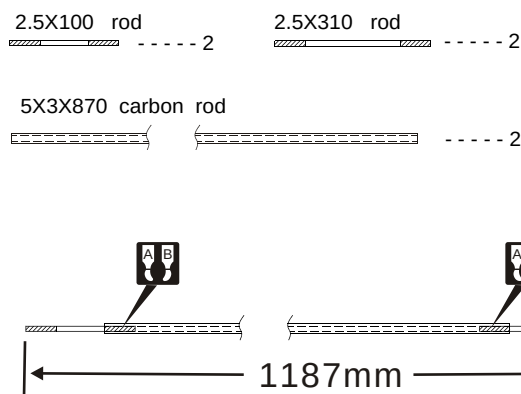
Warning!
Securely glue together
,if coming off during flights.
You lose control of your airplane
which leads to accidents!



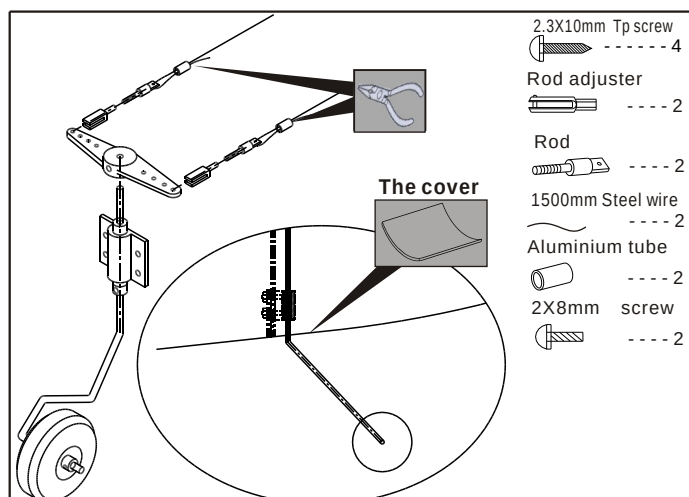
Accessory list for this page.

2.3X10mm Tp screw	Horn	4X35mm screw
----- 4	----- 2	----- 2
Rod adjuster	----- 2	3X10mm Screw
----- 4	----- 4	----- 2
Rod	----- 4	3X14mm Screw
----- 4	----- 2	----- 2
1500mm Steel wire	Connecting rod head	3mm Lock nut
----- 2	----- 2	----- 2
Aluminium tube	2X8mm screw	----- 4
----- 4	----- 4	

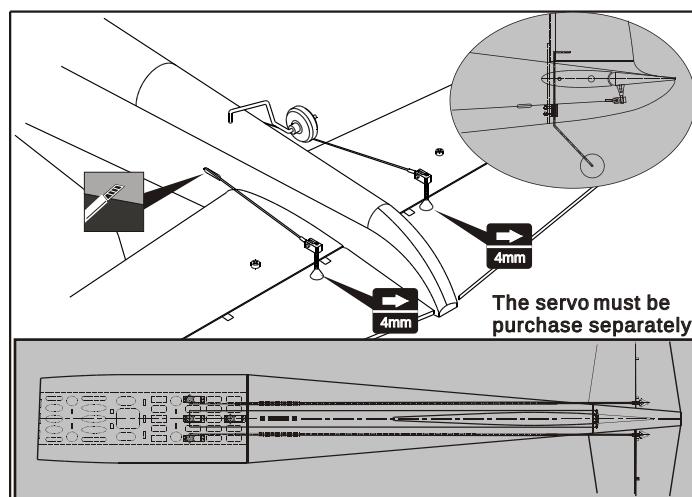
13 Install the rod of elevator



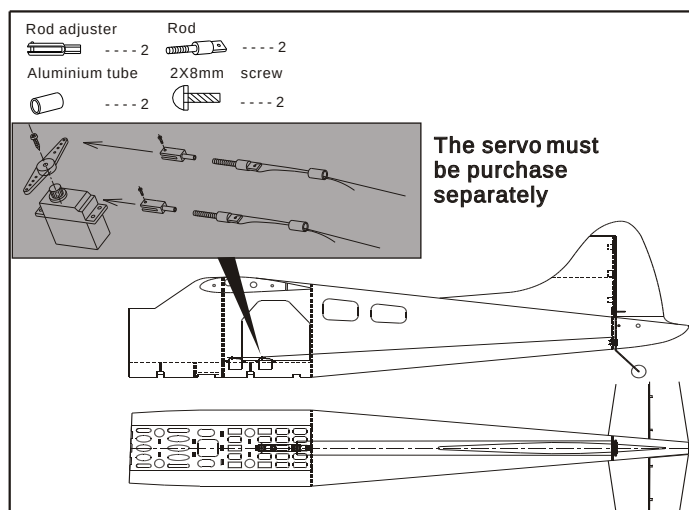
11 Install the servo of rudder and tail wheel



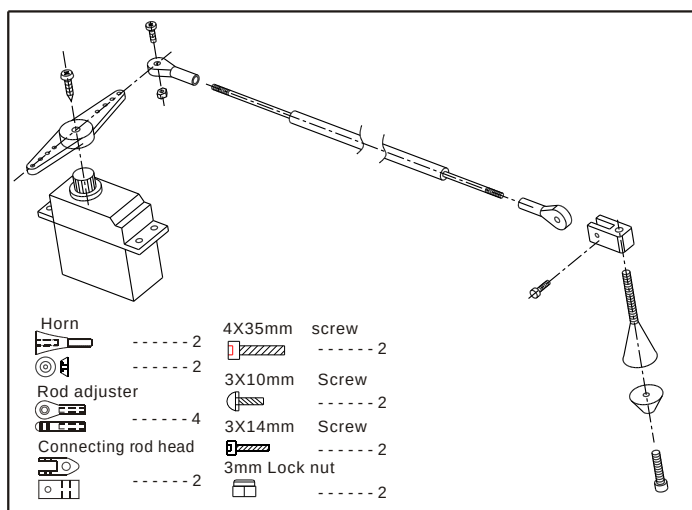
14 Install the servo of elevator



12 Install the servo of rudder and tail wheel



15 Install the servo of elevator





Accessory list for this page.

Linkage Stopper



----- 1

1.8X450mm Rod



----- 1

2mm Nut



----- 1

3X3mm Screw



----- 1

3mm Washer



----- 5

6mm Plywood



----- 1

3X25mm screw



----- 5

3mm Bind nut



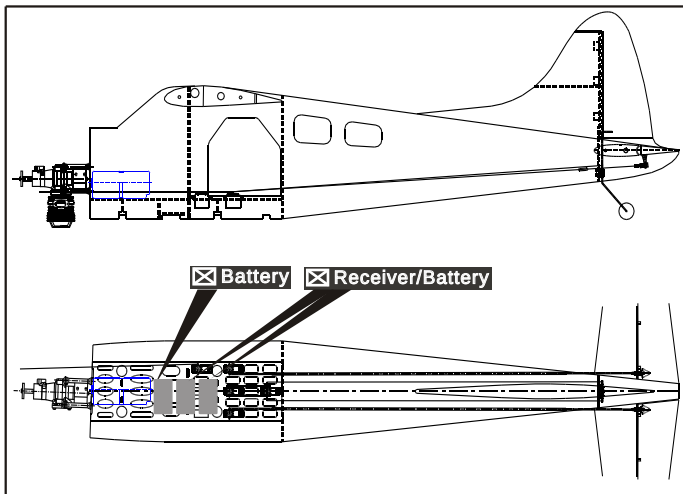
----- 5

3X20mm Screw

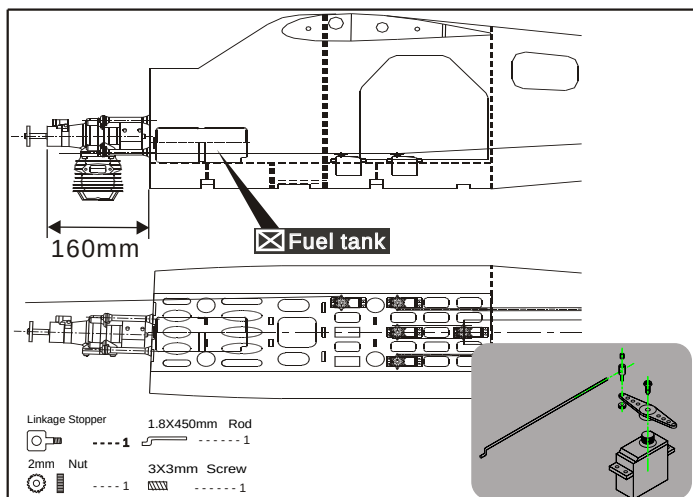


----- 1

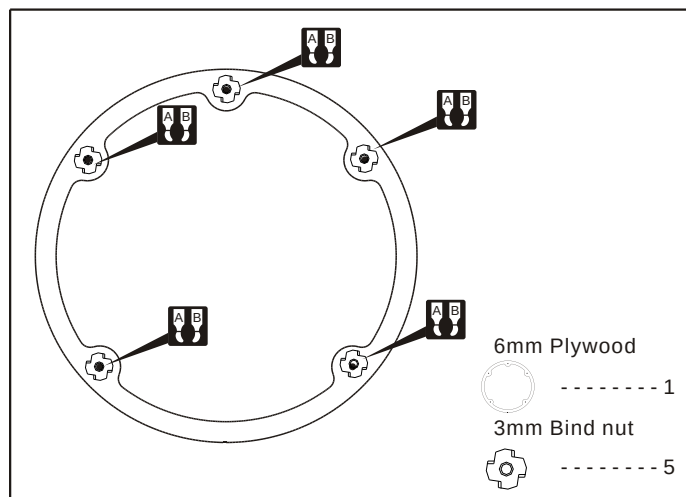
23 Radio Equipment



21 Install the engine Engine :80-100cc gas

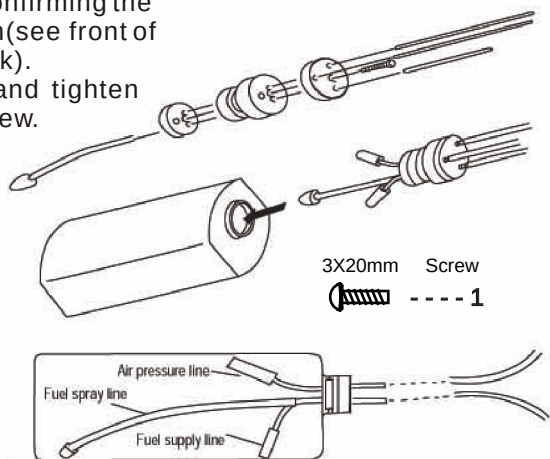


24 Install the cowling

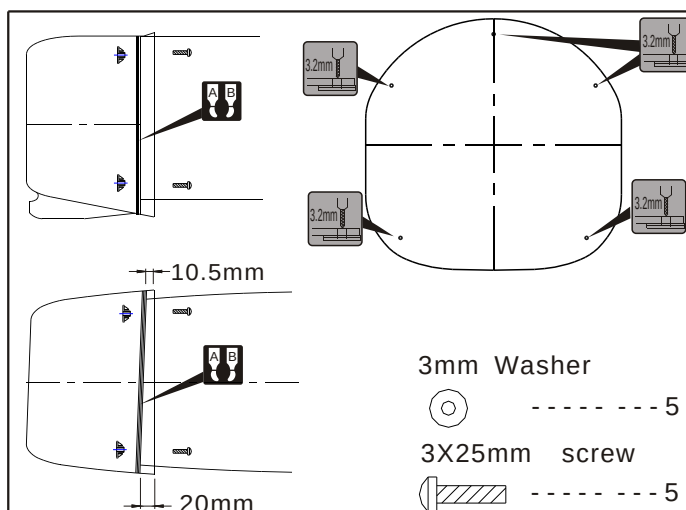


22 Assembly of the full tank

After confirming the position(see front of fuel tank). Insert and tighten the screw.



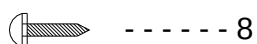
25 Install the cowling





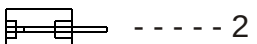
Accessory list for this page.

2.3X8mm Tp screw



----- 8

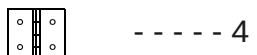
Fasten



----- 2



Loose-leaf



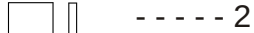
----- 4

Hard wood



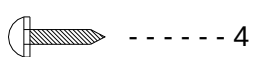
----- 4

Balsa



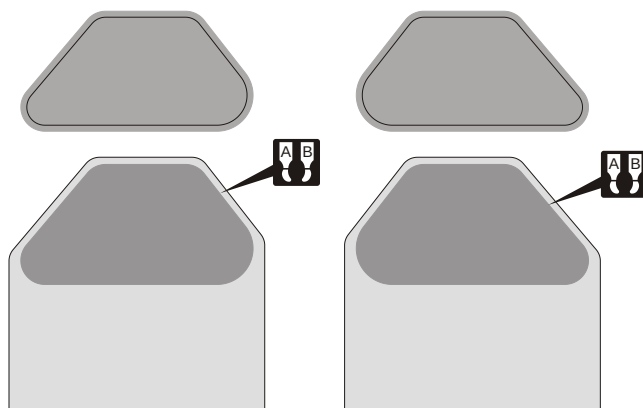
----- 2

2.3X10mm Tp screw



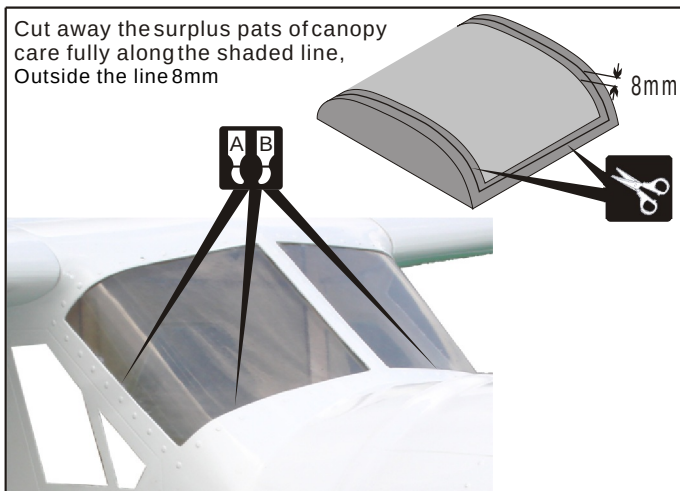
----- 4

28 Install the door and windows

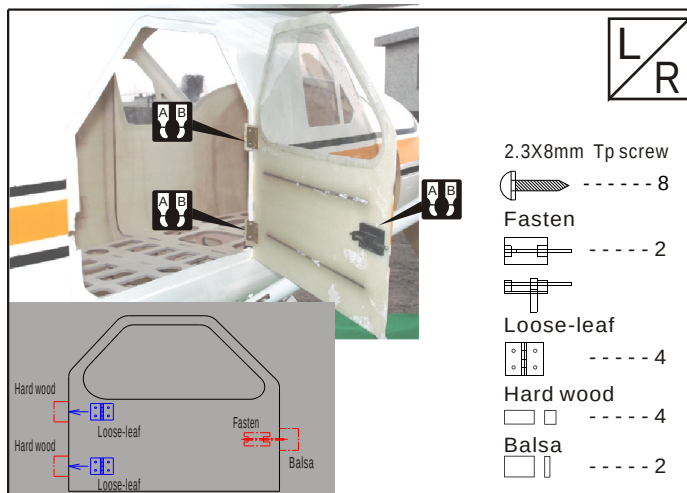


26 Install the canopy

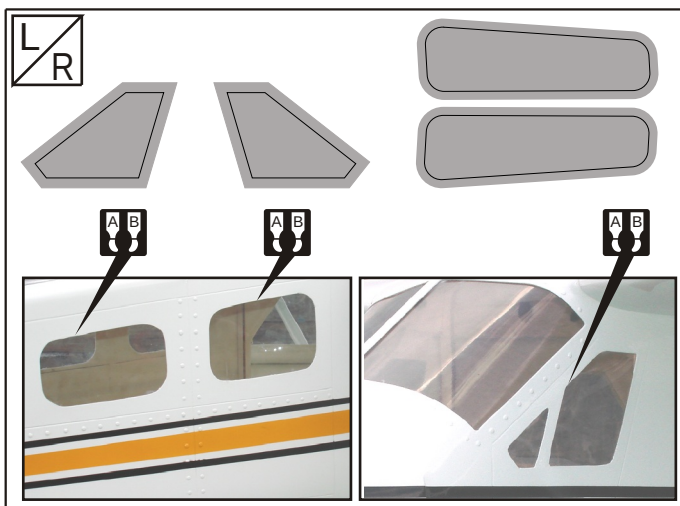
Cut away the surplus parts of canopy
care fully along the shaded line,
Outside the line 8mm



29 Install the door and windows

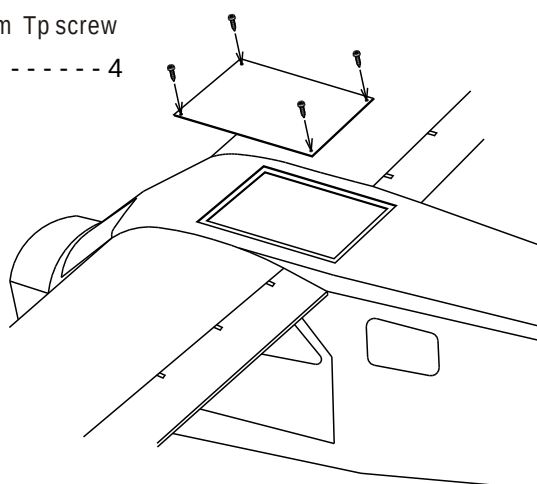
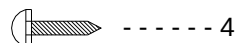


27 Install the windows



30 Install the cover

2.3X10mm Tp screw

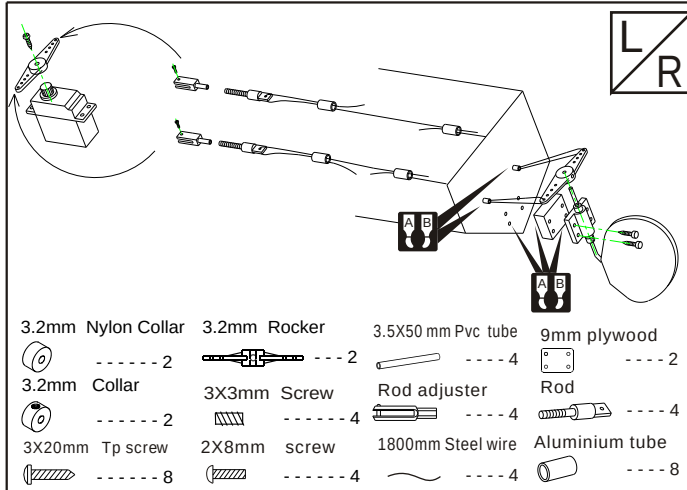




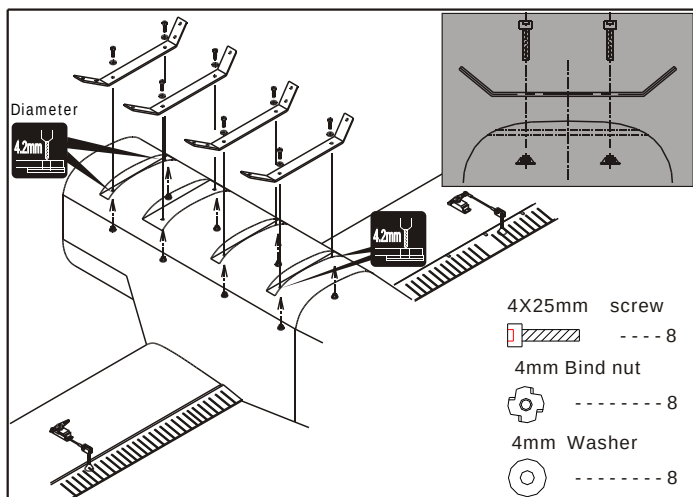
Accessory list for this page.

4X25mm screw	3.2mm Nylon Collar	3.5X50 mm Pvc tube
----- 16	----- 2	----- 4
4mm Bind nut	3.2mm Collar	Rod adjuster
----- 8	----- 2	----- 4
4mm Washer	3.2mm Rocker	1800mm Steel wire
----- 16	----- 2	----- 4
4X16mm screw	3X3mm Screw	Rod
----- 12	----- 4	----- 4
4mm Lock nut	2X8mm screw	Aluminium tube
----- 12	----- 4	----- 8
3X20mm Tp screw	3X20mm screw	3mm Washer
----- 20	----- 8	----- 16
2.3X10mm Tp screw	3mm nut	9mm plywood
----- 8	----- 8	----- 2

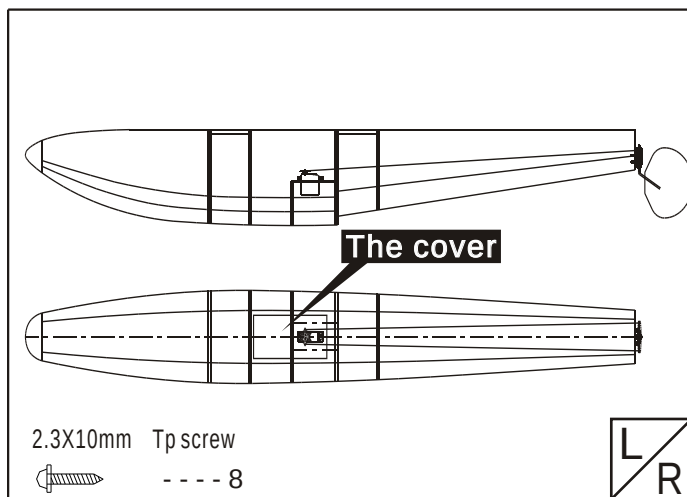
33 Install the servo of float



31 you should install the float to fly the plane on water.



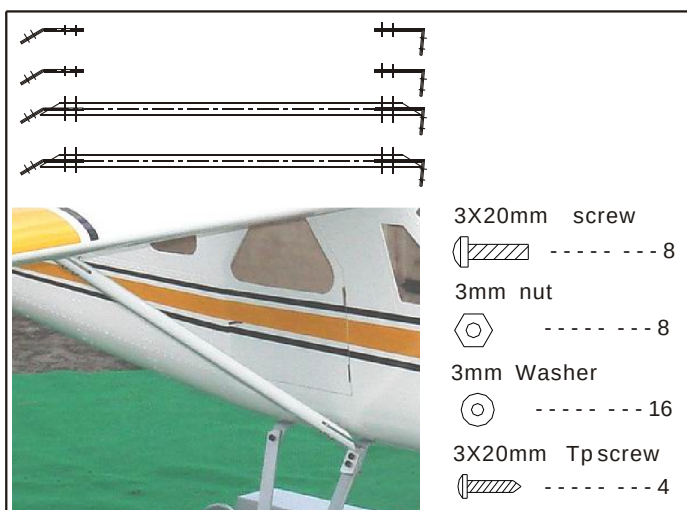
34 Install the float



32 Install the float



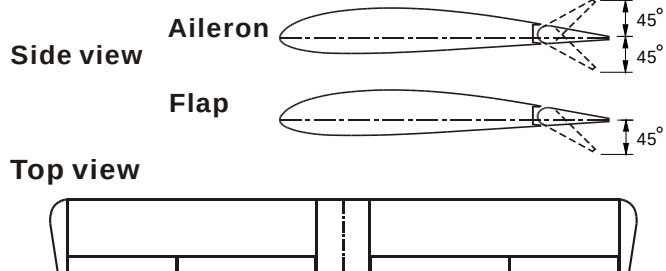
35 The wing support's install method while installing float.



36 Adjustment.

Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

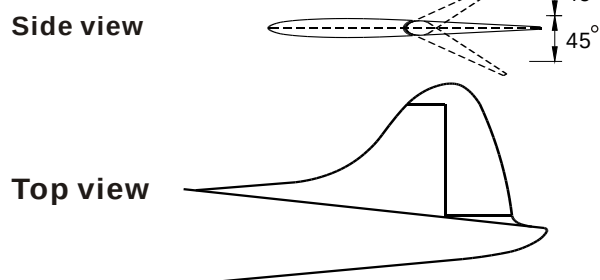
AILERON



38 Adjustment

Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

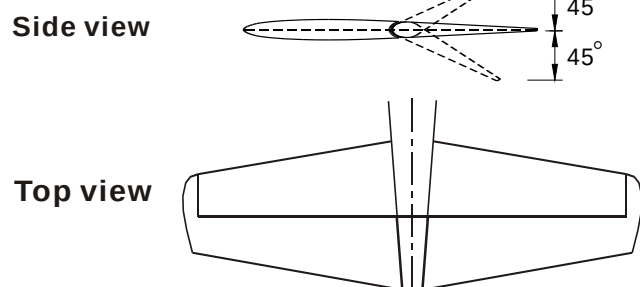
Rudder



37 Adjustment.

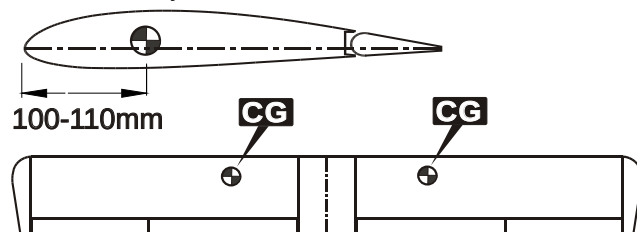
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

ELEVATOR



39 Adjustment.

Never fly before checking the Cg' s required position.
In order to obtain the CG specified ,reposition the receiver and battery.



警告
Warning!

NEVER fly the model
without well balancing.