

JUKA



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!

- 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 childrens reach!
- Take enough safety precautions prior to operating this model.
You are responsible for this models 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.

SPECIFICATION

Wing Span: 2540 mm (100 in)
Wing Area: 117dm² (1814sq.in)
Total Length: 2500 mm (98.5 in)
Radio : 4-5 channels, 10-11 servos
Engine : 100cc gas engine

REQUIRED FOR OPERATION (Purchase separately)

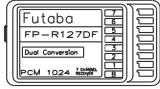
- 1** A minimum 4-5channel radio for airplanes (with 10-11servos)
And dry batteries.

 **CAUTION:** Only use a minimum 4-5channel radio for airplanes! (No other radio may be used!)

A minimum 4-5 channel transmitter for airplanes.



12 AA-size Batteries



receiver



remote control

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

- 2** Battery (need 2)  Switch (need 2) 

- 3** Servo(need 10-11 servos) 

- 4** Engine and Muffler
Model Airplane engine:100cc gas engine


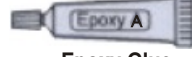




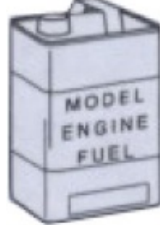
Muffler



Muffler

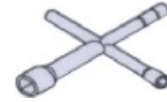


- 5** Glue   
Epoxy Glue Instant glue

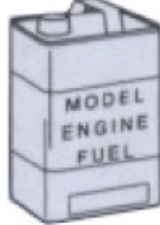
- 6** required for engine starting  **WARNING:** Normal gasoline cannot be used with glow engines. 
Glow engine fuel only.



Fuel Pump

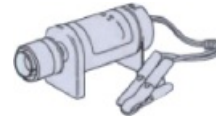


Plug Wrench

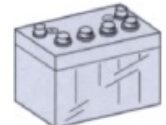


- 7** Silicone Tube  Fuel Filter 


- 8** Other equipment for enhancing airplane operation & performance



Engine Starter



12V Battery (for starter)

- 9** Purchase a propeller that will match your engine 
20X10----22X10

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



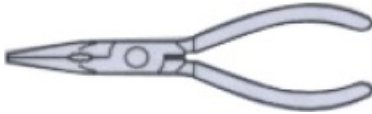
Phillips Screw Driver



Awl



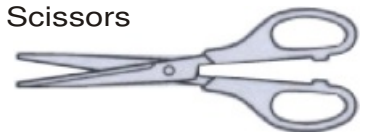
Needle Nose Pliers



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.

8mm nylon Nut



2.5X85mm rod



8mm Washer



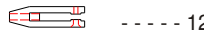
HORN



2X8mm screw



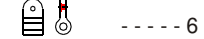
Rod adjuster



3X40mm screw



Connecting rod head

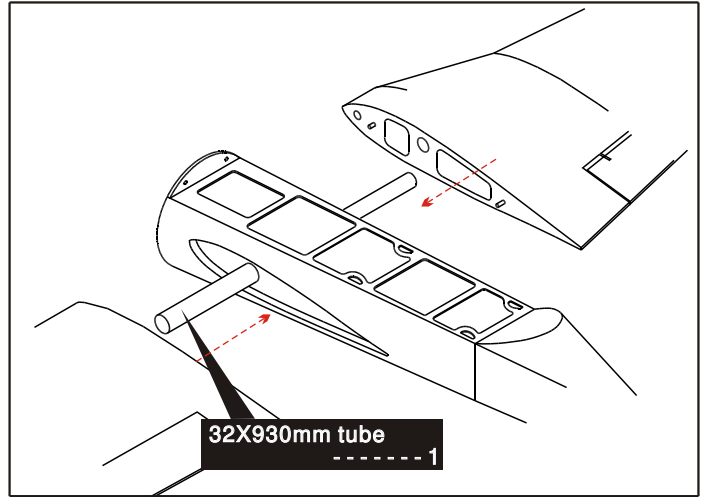


4X30 Screw



3

Main wing, put the aileron servo line into the fuselage

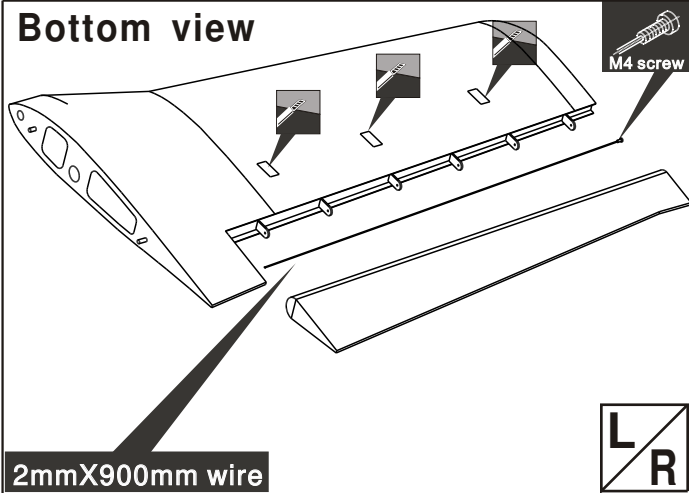


32X930mm tube
----- 1

1

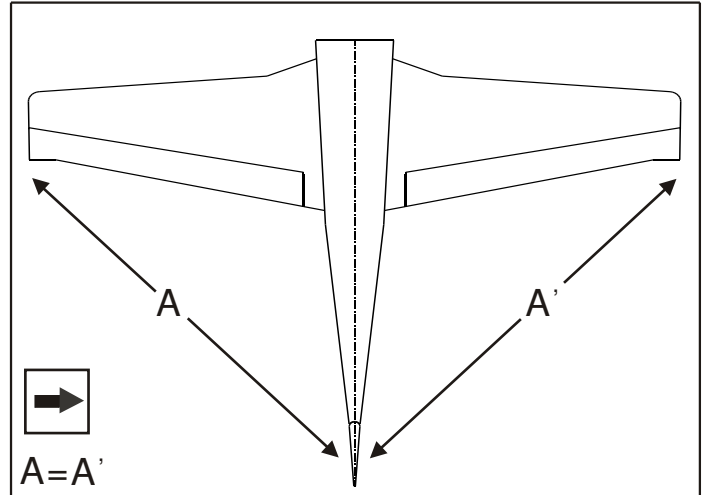
Install the aileron

Bottom view



4

Checking the wing

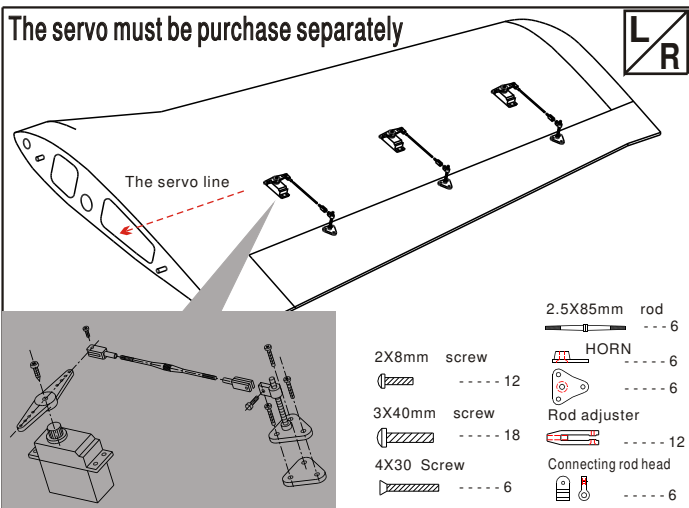


A=A'

2

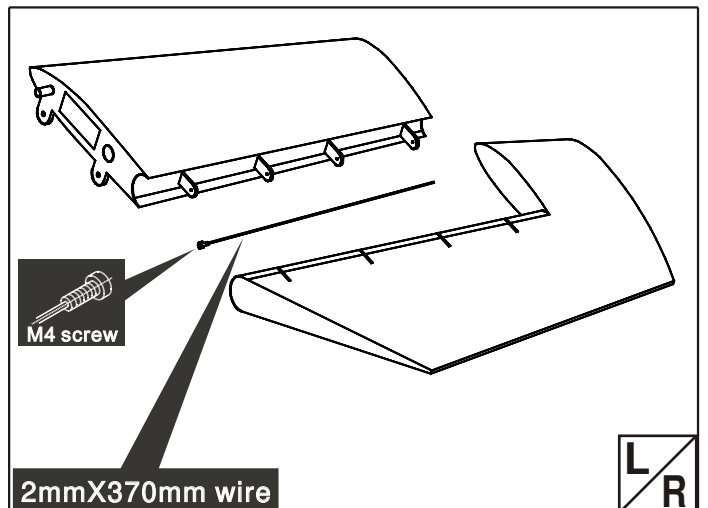
Install the aileron servo

The servo must be purchase separately



5

Install the elevator






















M4 screw

2mmX370mm wire



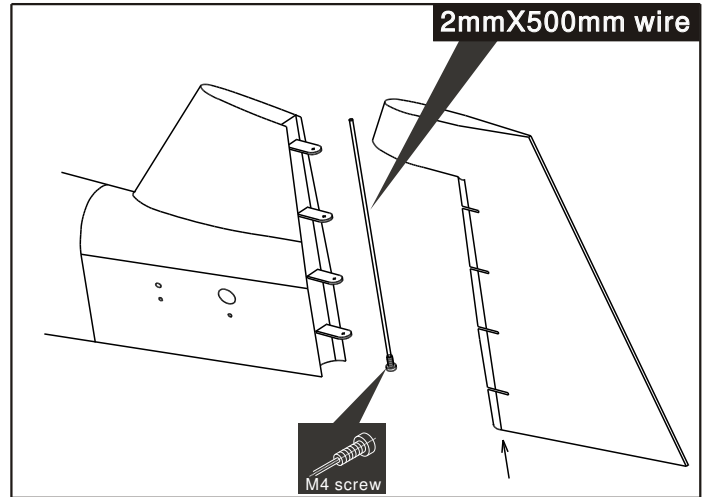


Accessory list for this page.

3X14mm Screw  ----- 4	2.5X85mm rod  ----- 2	Rod adjuster  ----- 4
3mm washer  ----- 4	HORN  ----- 2	Connecting rod head  ----- 2
3mm rubber band  ----- 4	Rod adjuster  ----- 4	Rod  ----- 4
2X10mm screw  ----- 4	Connecting rod head  ----- 2	Aluminium tube  ----- 4
3X40mm screw  ----- 6	4X30 Screw  ----- 2	2X8mm screw  ----- 4
4mm washer  ----- 2	4X120mm screw  ----- 1	4mm nut  ----- 2
		1400mm Steel wire  ----- 2

8

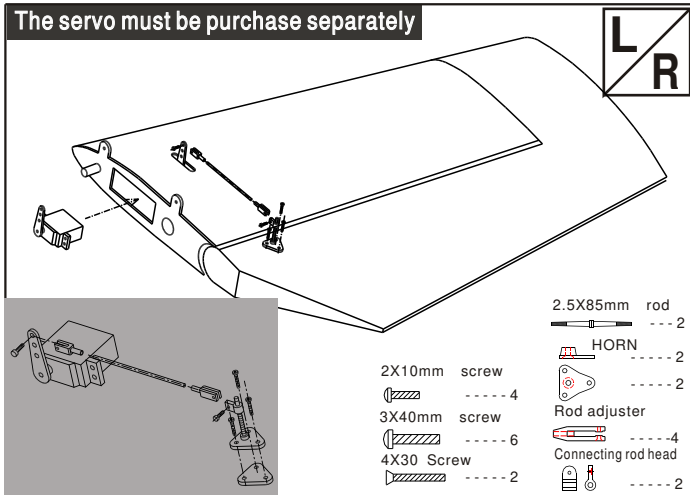
Instal the rudder



6

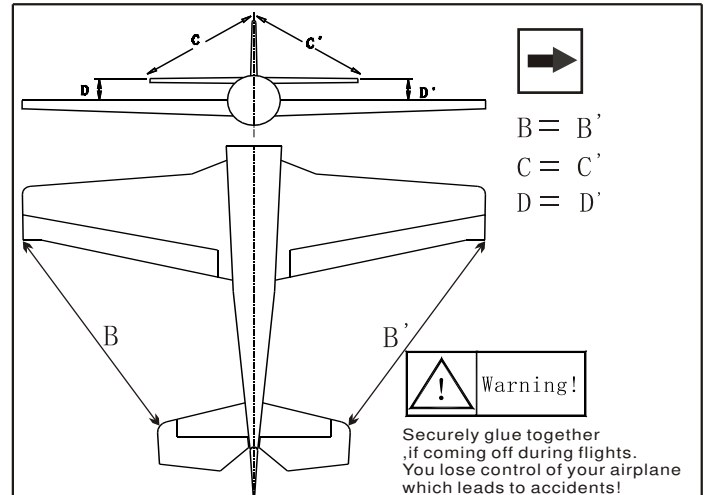
Instal the elevator servo(means :1)

The servo must be purchase separately



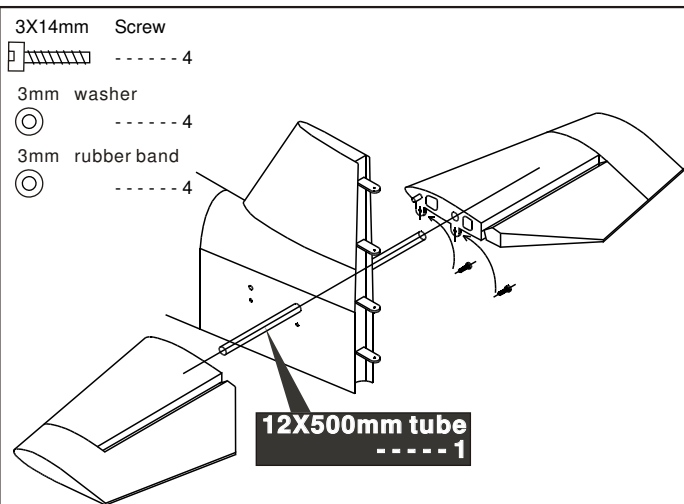
9

Horizontal/Vertical tail



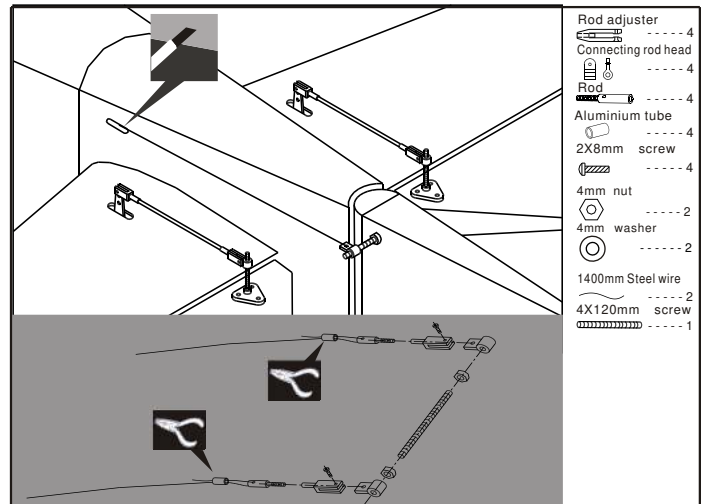
7

Instal the elevator











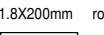









10

Instal the rudder servo

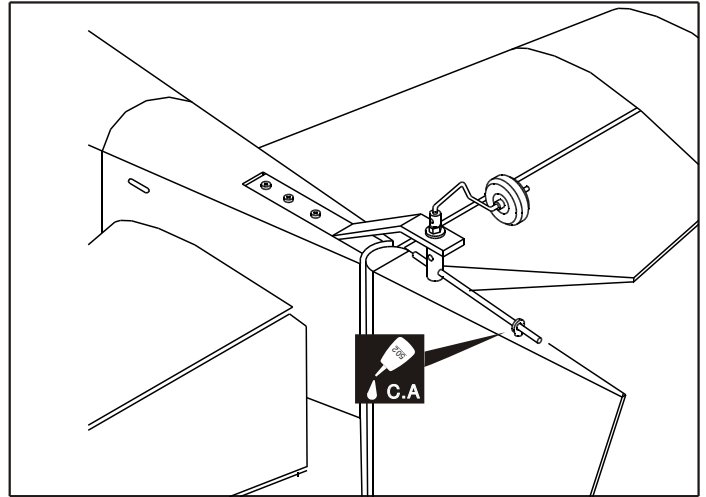




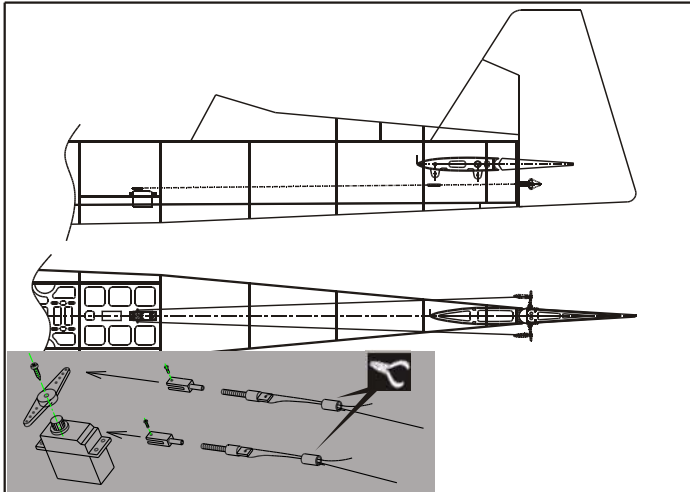
Accessory list for this page.

- | | |
|--|--|
| 3X3mm Screw
 ---- 6 | 5X25mm screw
 ---- 4 |
| 3.2mm Nylon Collar
 ---- 1 | 5mm washer
 ---- 4 |
| 3.2mm Collar
 ---- 2 | 8mm axle
 ---- 2 |
| M3X20 Tp screw
 ---- 3 | 8mm nut
 ---- 2 |
| 1.8X200mm rod
 ---- 1 | 5.2mm collar
 ---- 2 |
| Linkage Stopper
 ---- 1 | 3X20mm screw
 ---- 4 |
| 3.2mm Collar
 ---- 1 | 3mm Lock nut
 ---- 4 |
| M6 Nut
 ---- 1 | M6X9 screw
 ---- 1 |
| 45mm Wheel
 ---- 1 | 90mm wheel
 ---- 2 |

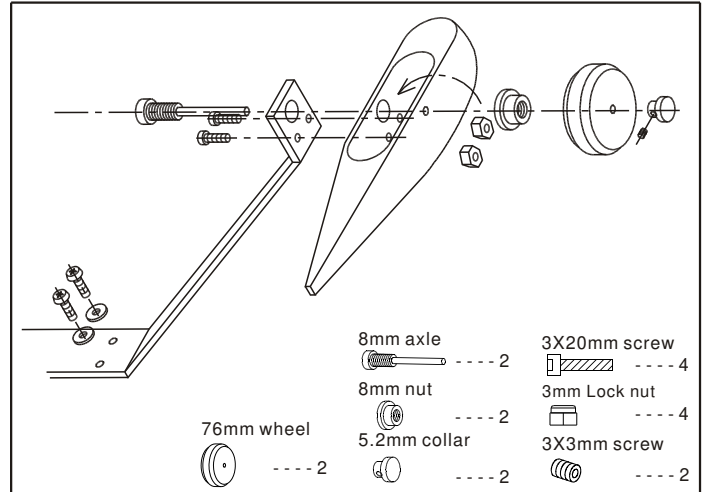
13 Install the tail wheel



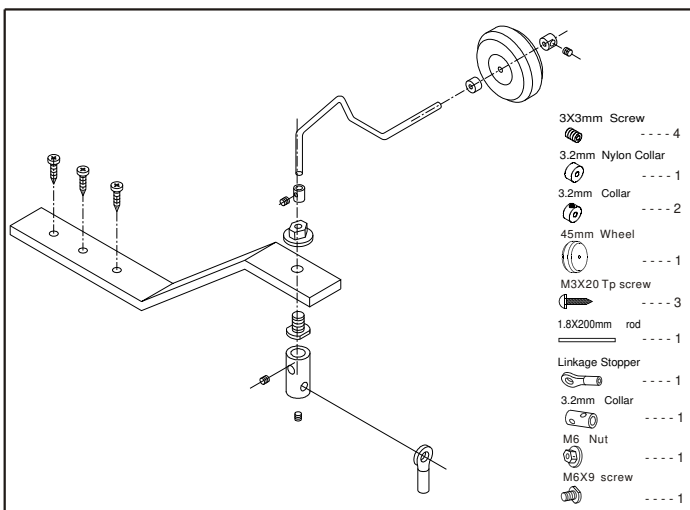
11 Install the rudder servo



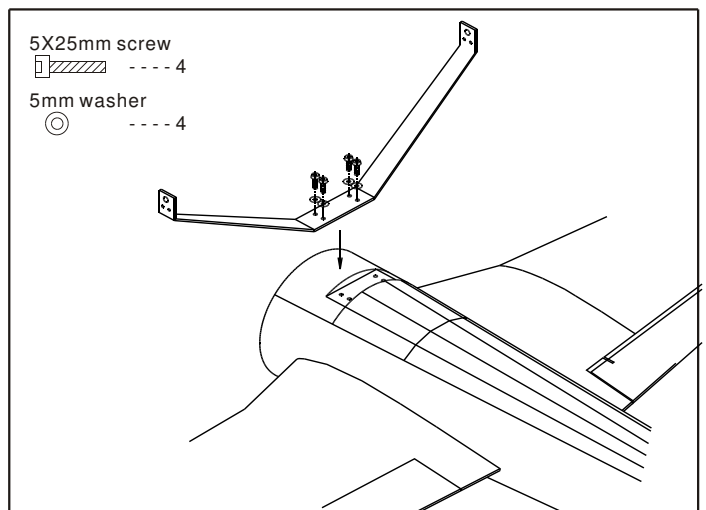
14 Install the main landing gear



12 Install the tail wheel



15 Install the main landing gear

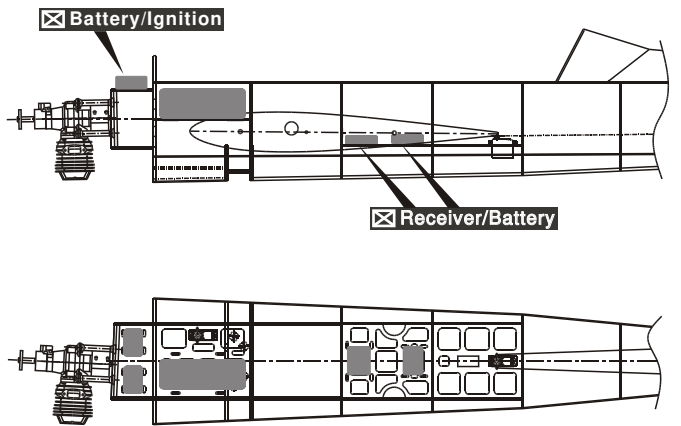




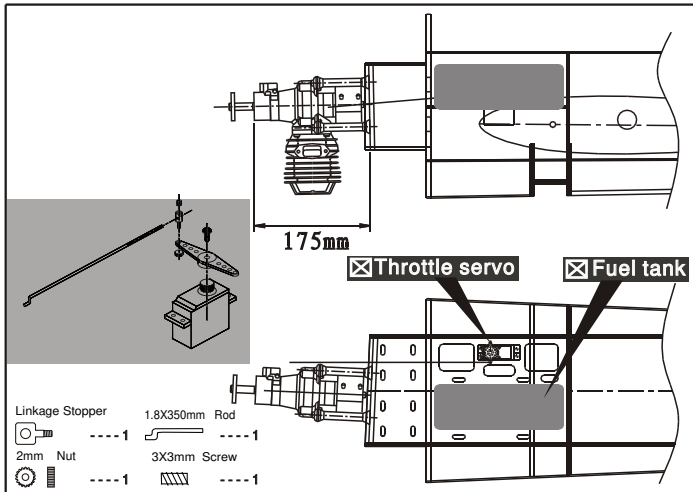
Accessory list for this page.

3X14mm Screw	3mm washer
----- 5	----- 9
3X25mm Screw	2.3X10mm Tp screw
----- 4	----- 8
3mm rubber band	1.8X350mm Rod
----- 9	----- 1
Linkage Stopper	3X3mm Screw
----- 1	----- 1
2mm Nut	
----- 1	

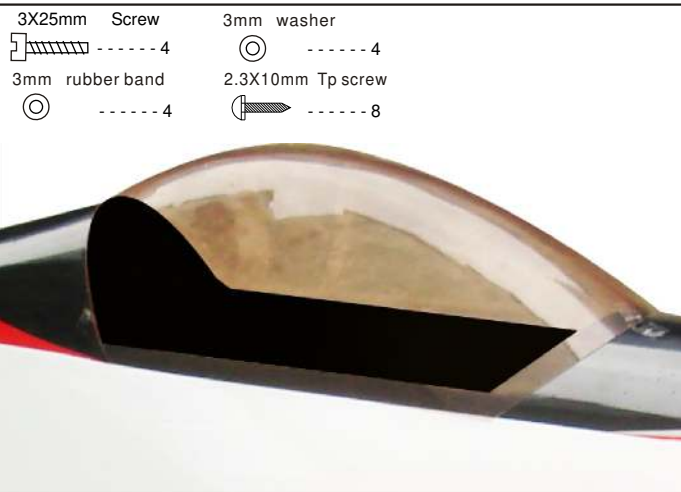
18 Radio Equipment



16 Install the engine: 50cc gas engine

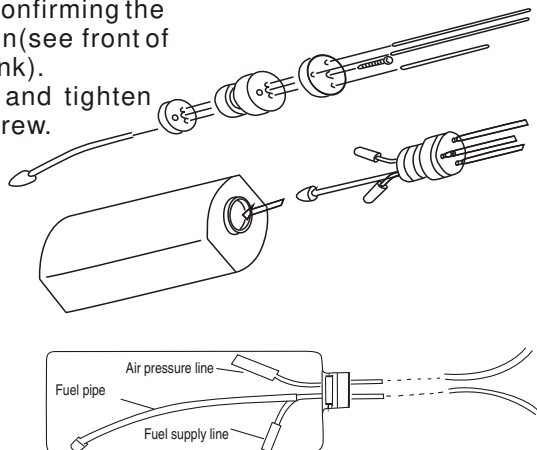


19 Assembly the cowling

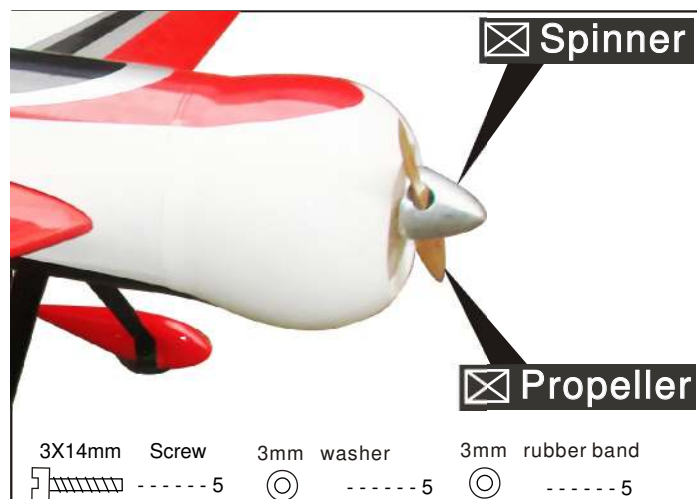


17 Assembly of the full tank

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



20 Install the canopy

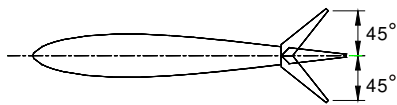


21 Adjustment.

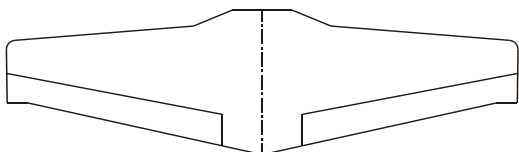
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

AILERON

Side view



Top view

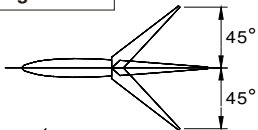


22 Adjustment.

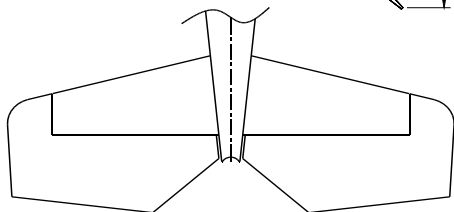
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

ELEVATOR

Side view



Top view

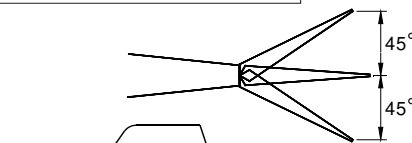


23 Adjustment

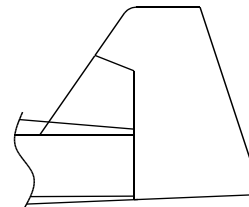
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

Rudder

Side view

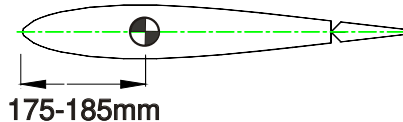


Top view

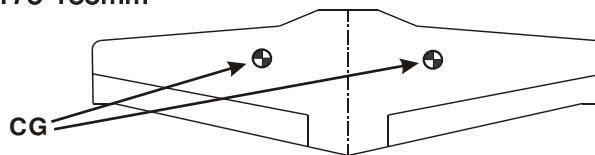


24 Adjustment.

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



175-185mm



警告
Warning!

NEVER fly the model
without well balancing.