



Thank you for choosing CYmodel
Global : www.cymodel.com
Australia : www.austars-model.com
Italia : www.biellaexpress.com

Stinson Reliant

Item Nr: CY8025C



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 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

SPECIFICATION

Wing Span: 2920 mm (115in)
Wing Area: 109 dm² (1670sq.in)
Total Length: 2060 mm (81 in)
Engine : 80-100cc gas engine
Radio : 5 channels , 8 servos

REQUIRED FOR OPERATION (Purchase separately)

- 1** A minimum 5channel radio for airplanes (with 8servos).
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



Receiver



remote control

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

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

- 3** Servo(need 8 servos) 

- 4** Engine and Muffler
Model Airplane engine:80-100cc GAS engine



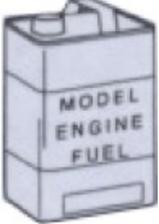
Muffler



Ignition



- 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 
- 16X10----18X10

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



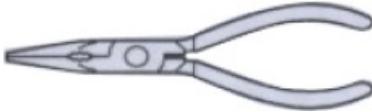
Phillips Screw Driver



Awl



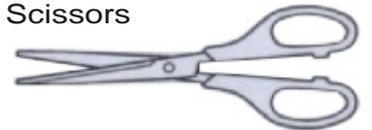
Needle Nose Pliers



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.

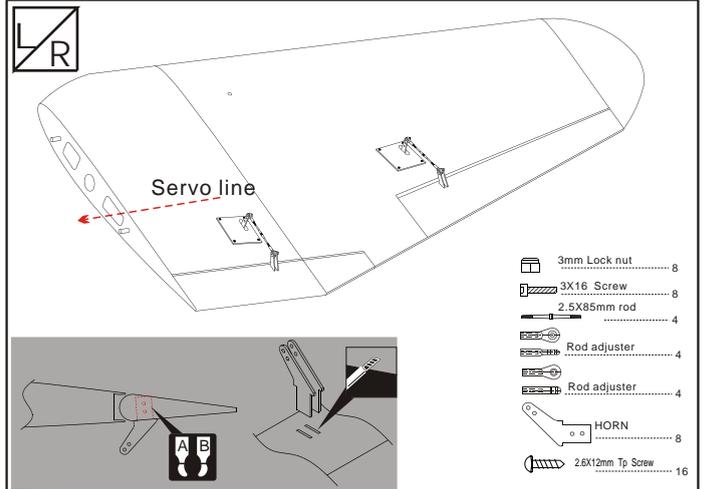
	Apply epoxy glue.		Drill holes with the specified Diameter(here:2mm)		Must be purchased separately!	 Warning! Do not overlook this symbol.
	Apply instant glue (CA glue,super glue).		Ensure smooth non-binding movement while assembling.		Pay close attention here!	
	Assemble left and right Sides the same way.		Cut off shaded portion.		Cut off excess.	



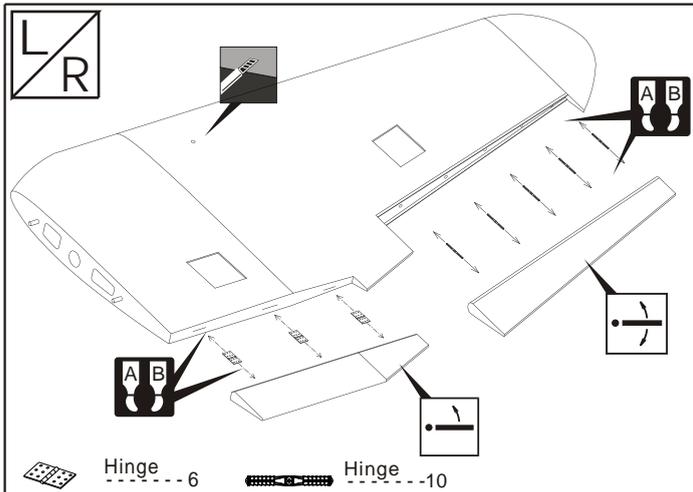
Accessory list for this page.

	3mm Lock nut	8
	3X16 Screw	8
	2.5X85mm rod	4
	Rod adjuster	4
	Rod adjuster	4
	HORN	8
	2.6X12mm Tp Screw	16
	8mm nylon Nut	4
	Hinge	6
	Hinge	10

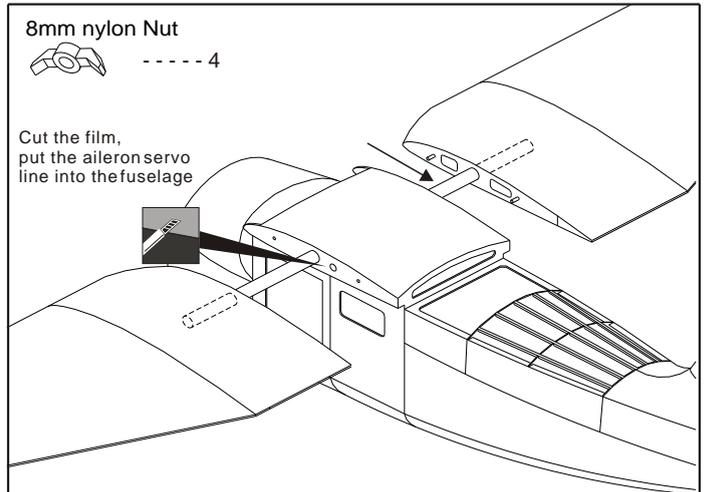
3 Install the aileron servo.



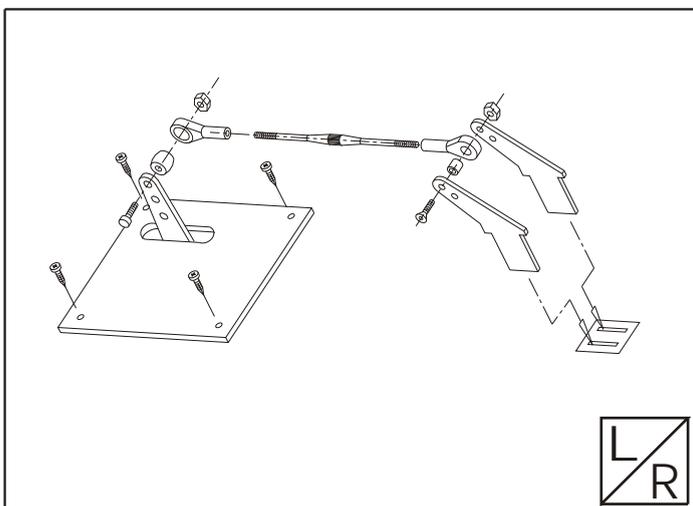
1 Install the aileron



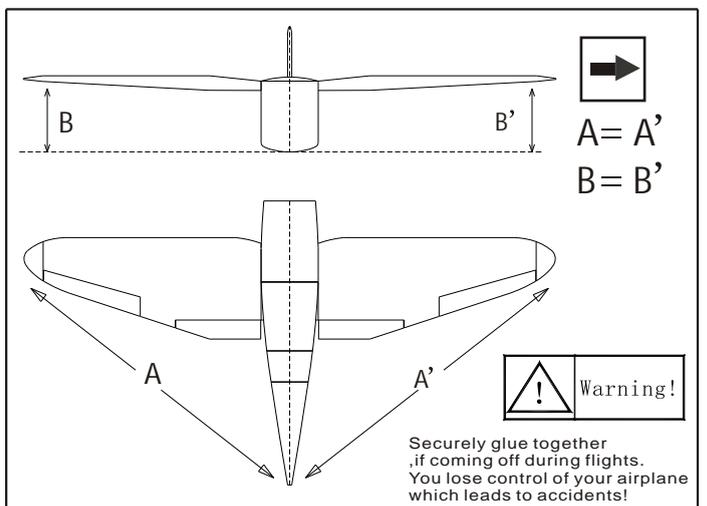
4 Main wing



2 Install the aileron servo.



5 Main wing

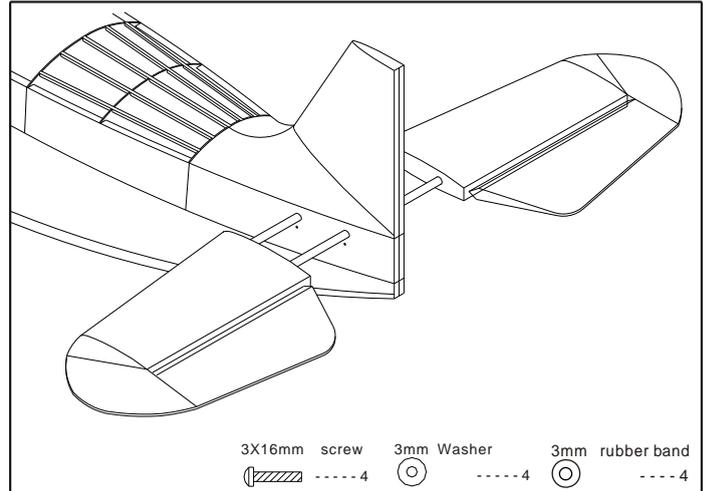




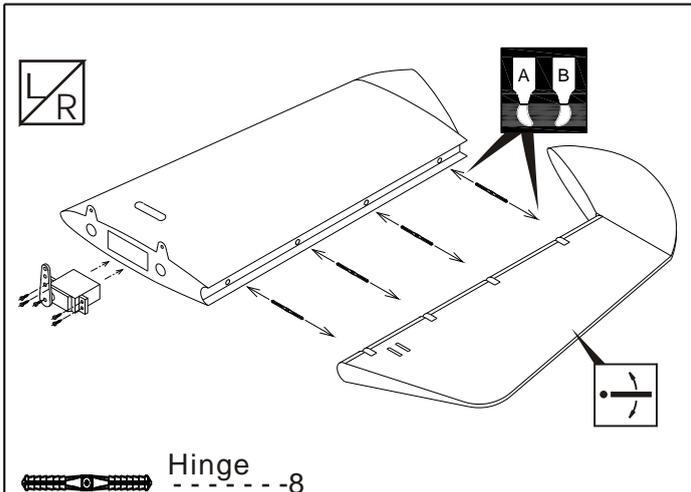
Accessory list for this page.

	3mm Lock nut	4
	3X16 Screw	4
	2.5X85mm rod	2
	Rod adjuster	2
	Rod adjuster	2
	HORN	4
	3X16mm screw	4
	3mm Washer	4
	3mm rubber band	4
	Hinge	8

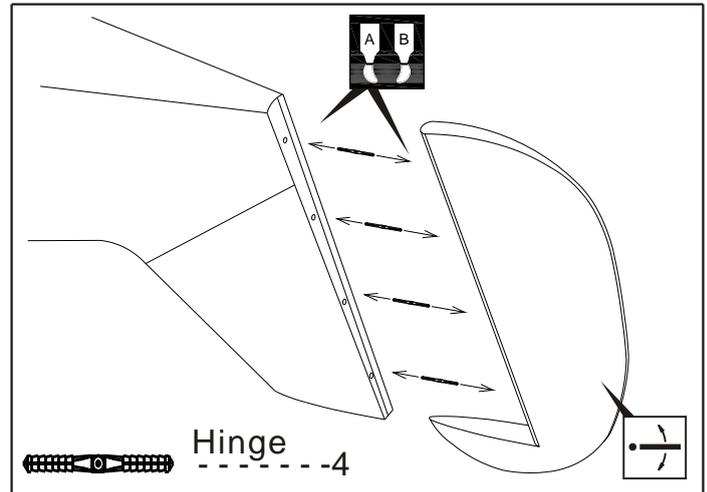
Install the elevator



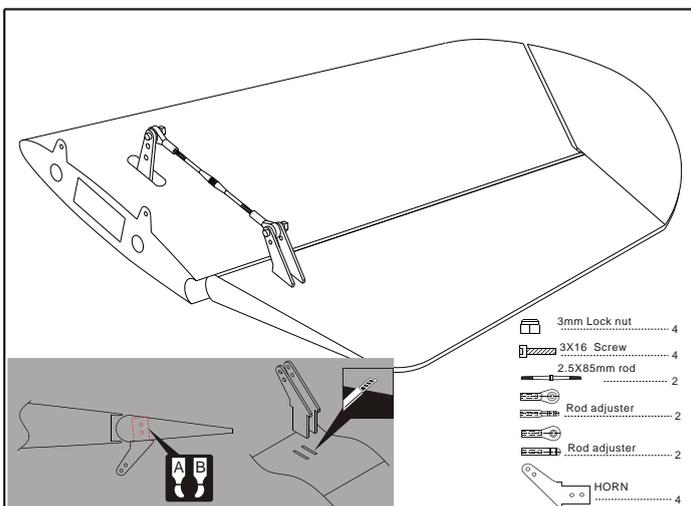
6 Install the elevator



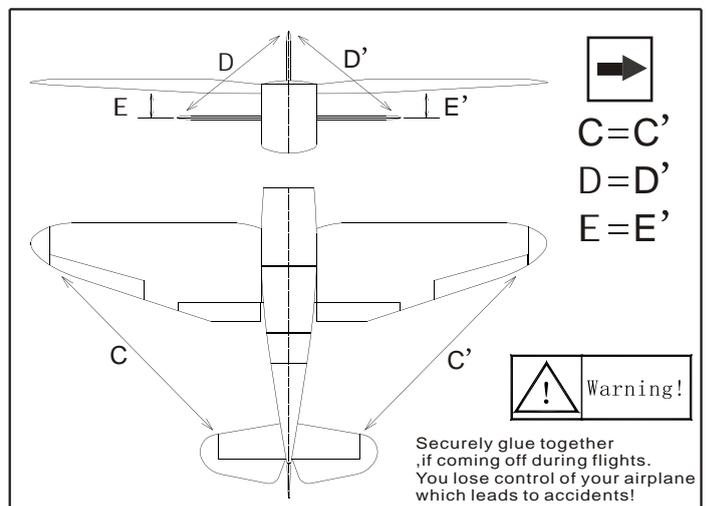
9 Install the rudder



7 Install the elevator



10 Horizontal/Vertical tail

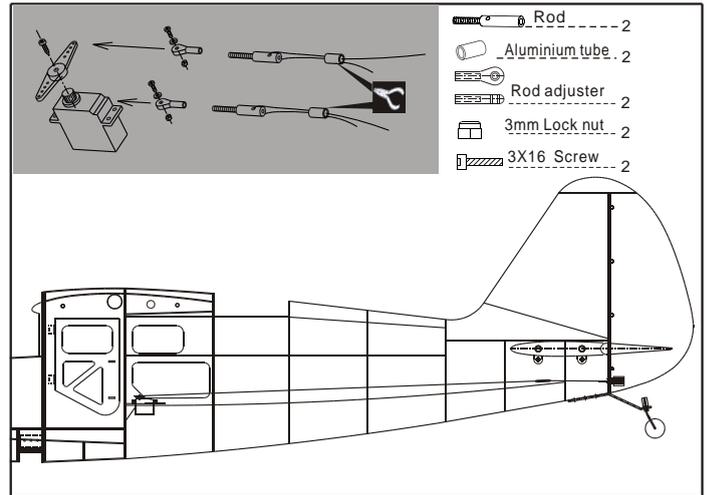




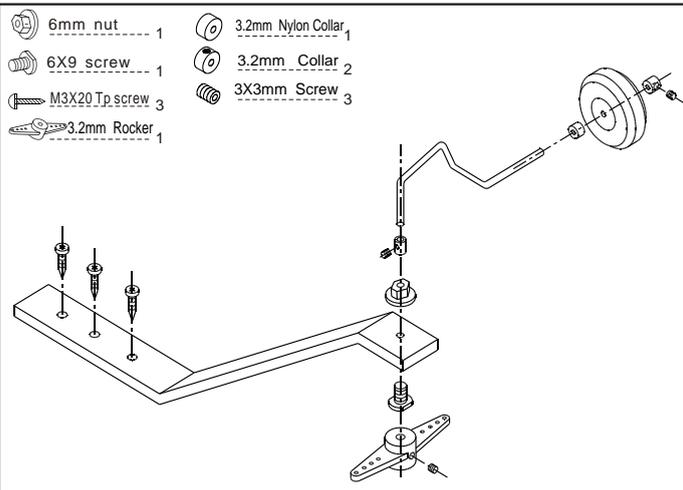
Accessory list for this page.

Spring ... 2	6mm nut ... 1	5X25mm Screw ... 4
Rod ... 4	6X9 screw ... 1	5mm locknut ... 4
Aluminium tube ... 4	M3X20 Tp screw ... 3	3X20mm Screw ... 4
Steel wire ... 2	3.2mm Rocker ... 1	3mm locknut ... 8
HORN ... 2	3.2mm Nylon Collar ... 1	8mm nut ... 2
Rod adjuster ... 2	3.2mm Collar ... 2	8mm axle ... 2
Rod adjuster ... 2	3X3mm Screw ... 3	5.2mm Collar ... 2
3X16 Screw ... 4		4mm Screw ... 2

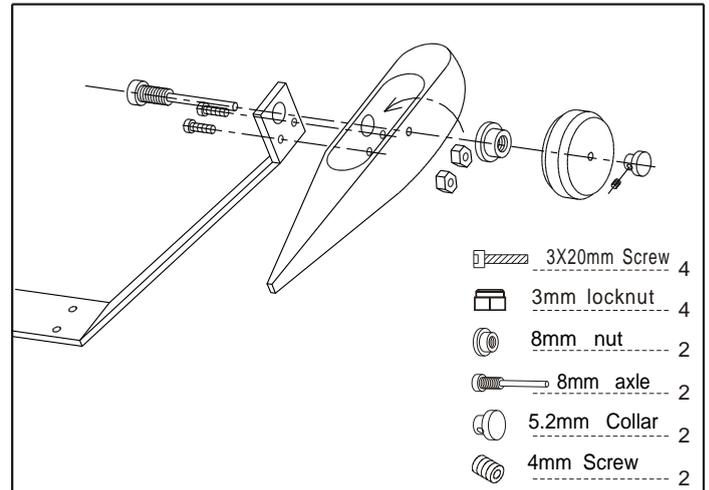
13 Install the rudder servo



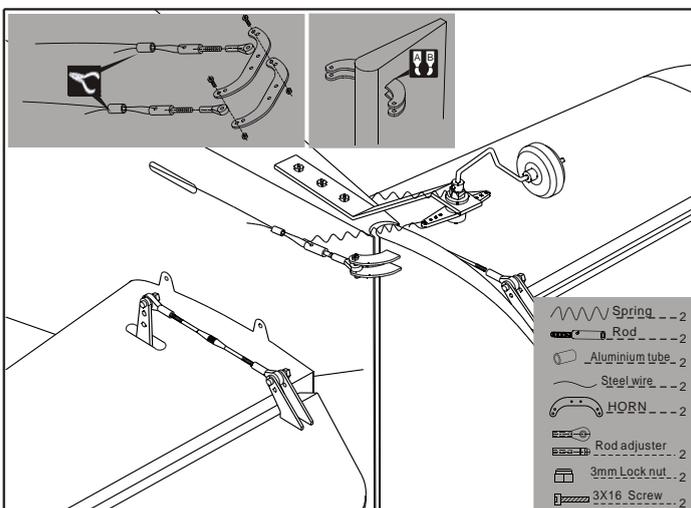
11 Install the tail wheel



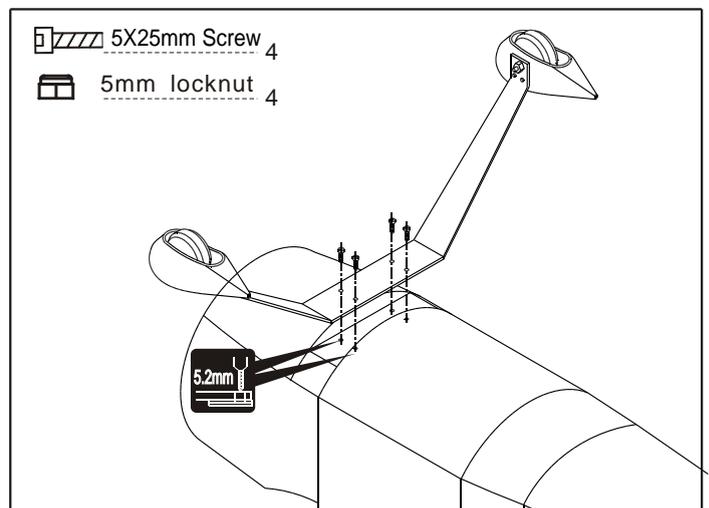
14 Install the main landing gear



12 Install the rudder servo & tail wheel



15 Install the main landing gear

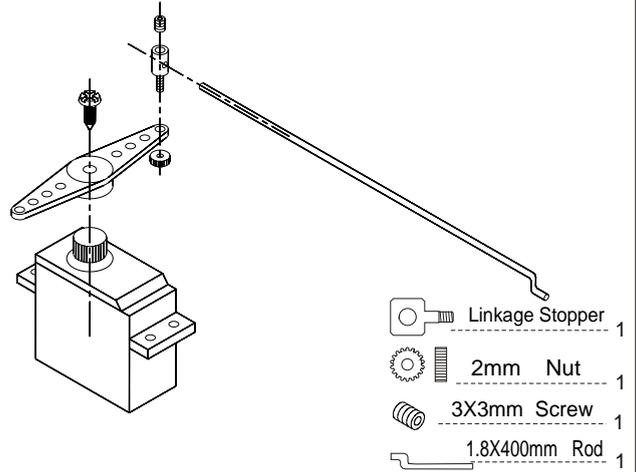




Accessory list for this page.

-  Linkage Stopper 1
-  2mm Nut 1
-  3X3mm Screw 1
-  1.8X400mm Rod 1
-  3X16mm screw 4
-  3mm lock nut 1

18 Install the throttle servo



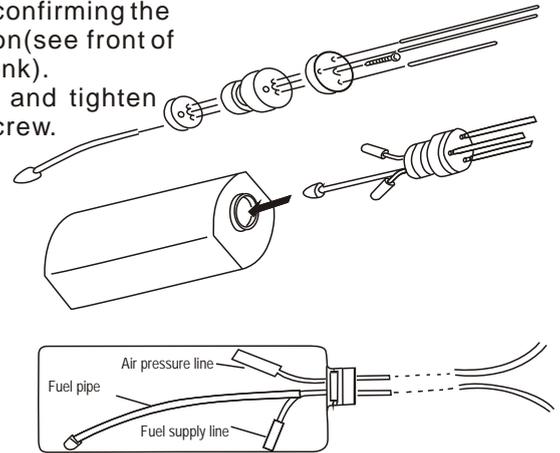
16 Install the wing support and landing gear cover



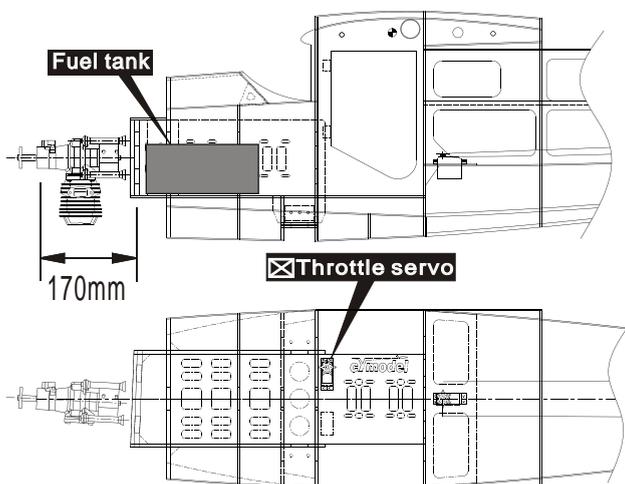
-  3X16mm screw 4
-  3mm lock nut 1

19 Assembly of the full tank

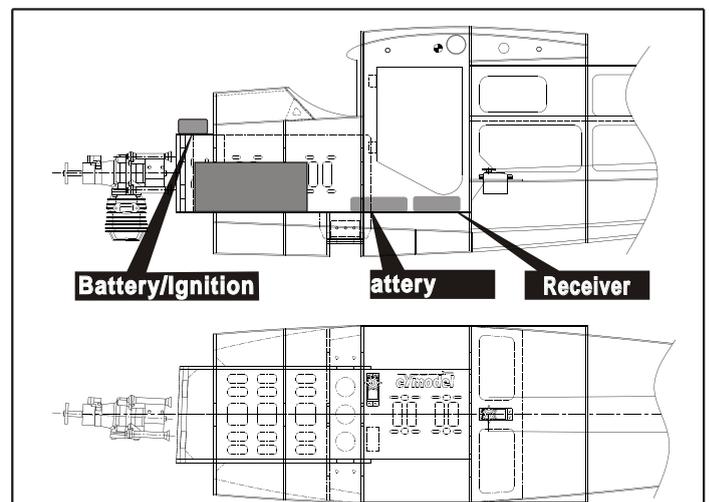
After confirming the position (see front of fuel tank). Insert and tighten the screw.



17 Install the engine



20 Radio Equipment





Accessory list for this page.

Latch



loose sheet



3X16mm screw



3mm Washer



2.6X12mm Tp Screw



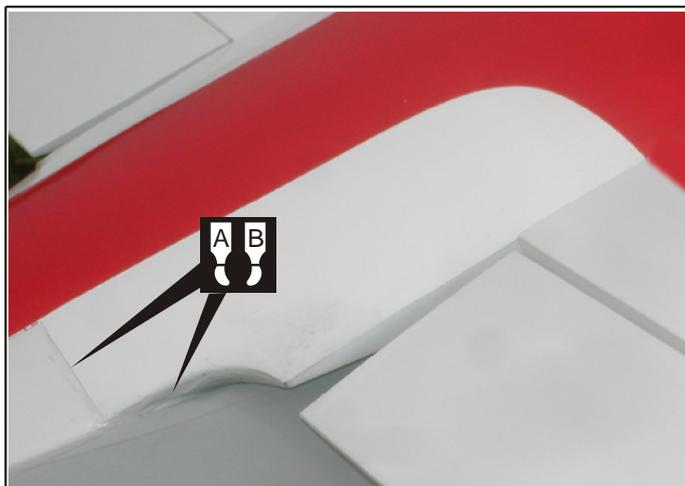
3mm rubber band



23 Install the door



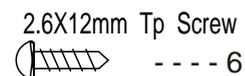
21 Install the cover



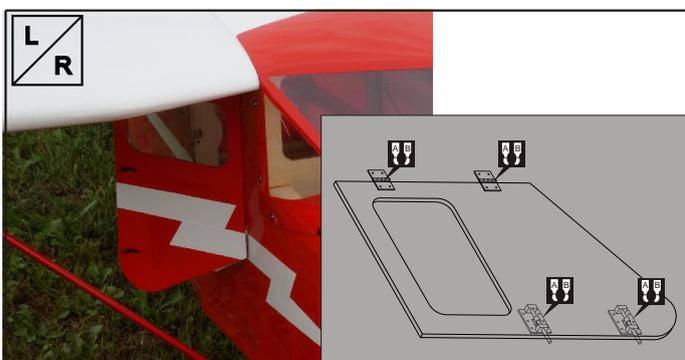
24 Install the canopy



Cut away the surplus parts of canopy care fully along the shaded line.



22 Install the door



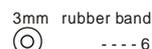
Latch



loose sheet

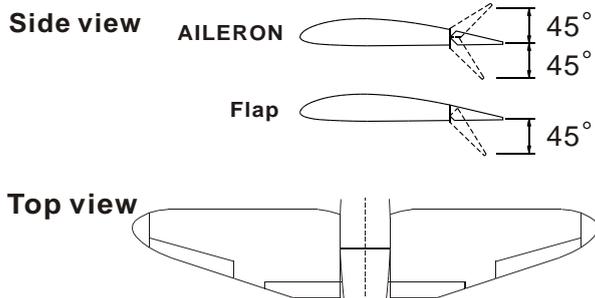


25 Install the thr cowling



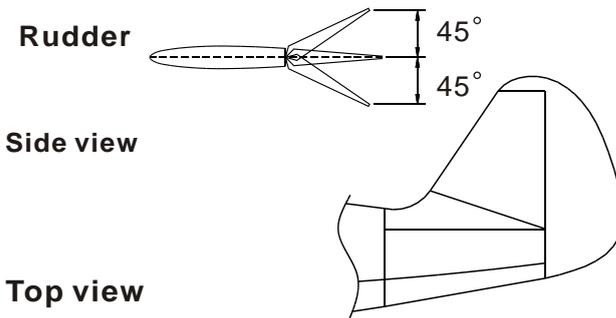
26 Adjustment.

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.



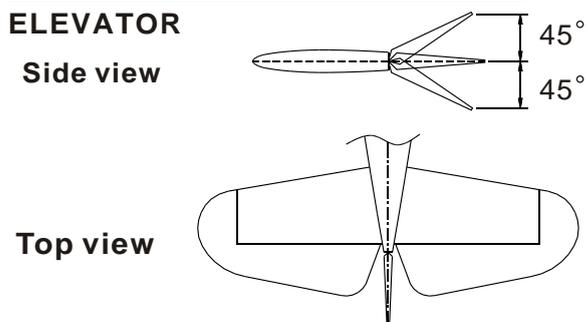
28 Adjustment

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.



27 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.



29 Adjustment.

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

