

Before commencing assembly, please read these instructions thoroughly.



P-51B Mustang



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.

SPECIFICATION

Wing Span...2440mm (96in)
Wing Area....88 dm² (1365sq.in)
Length.....2150mm (84.6in)
Engine.....80-100cc gas engine
Radio.....6 channel 9 servos

REQUIRED FOR OPERATION (Purchase separately)

- 1** A minimum 6 channel radio for airplanes (with 10 servos).
And dry batteries.



CAUTION: Only use a minimum 6 channel radio for airplanes! (No other radio may be used!)

A minimum 6 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
80-100 cc gas engine

Muffler



Glow plug

- 3** Propeller spinner

Purchase a propeller that will match your engine



- 4** Silicone Tube



Fuel Filter



- 5** required for engine starting



WARNING: Normal gasoline cannot be used with glow engines

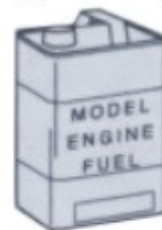
Glow engine fuel only.



Fuel Pump



Plug Wrench



- 6** Glue



Instant glue



Epoxy Glue

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



Engine Starter



12V Battery (for starter)

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



Phillips Screw Driver



Awl



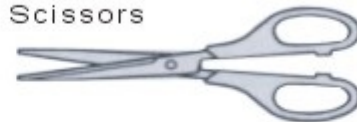
Needle Nose Pliers



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!



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.



Warning!

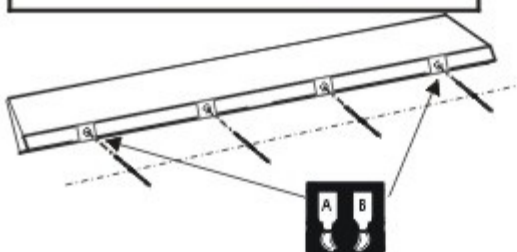
Do not overlook this symbol.



Accessory list for this page.

Pin hinges	8	Hinge	6
Horn	4	Rod adjuster	8
Connecting rod head	4	M3X25mm Screw	6
Rod (2.5x85mm)	4	M3X40mm Screw	4
M3X30mm Screw	2	M2X8mm Screw	8
		M4X35mm Screw	4

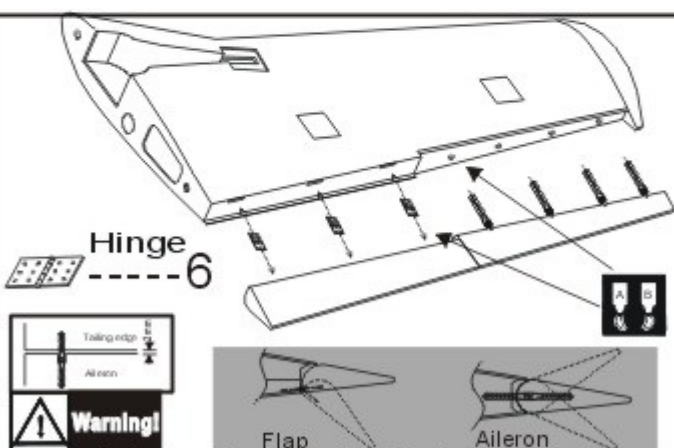
1 Epoxy pin hinges to aileron steadily



Pin hinges 8

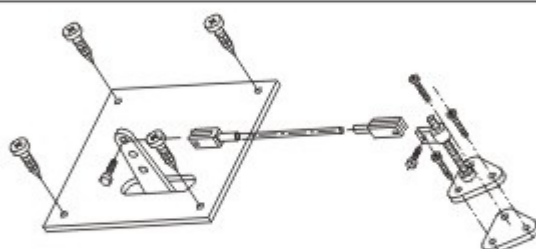
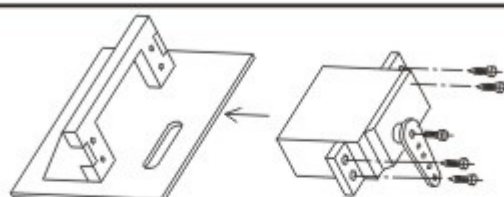


2 Install the aileron

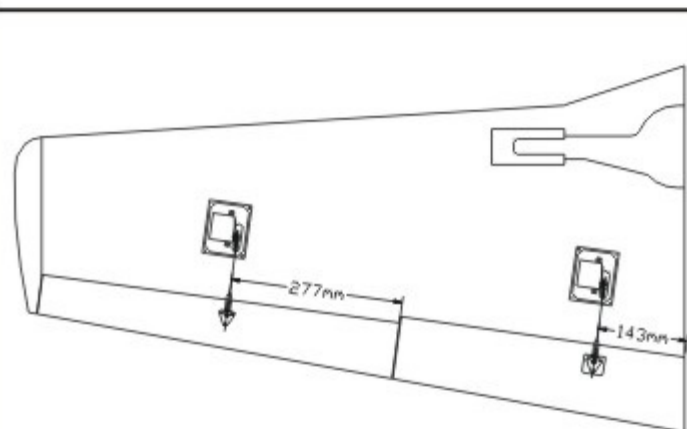


Securely glue together. If coming off during flights, you'll lose control of your airplane which leads to accidents!

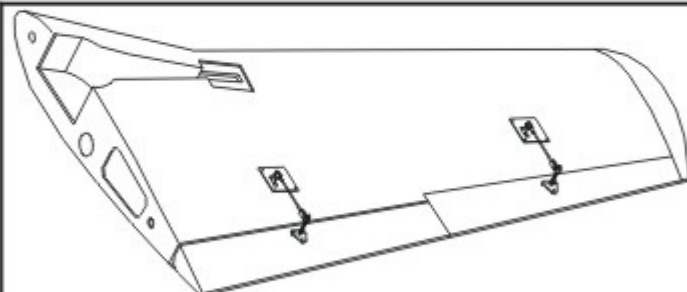
3 Install the servo



4 Install the servo



5 Install the nylon control horn and connect the linkage



Horn	4	Rod adjuster	8	M3X30mm Screw	2
Connecting rod head	4	M3X25mm Screw	6	M4X35mm Screw	4
Rod (2.5x85mm)	4	M3X40mm Screw	4		
		M2X8mm Screw	8		





Accessory list for this page.

5X45mm Axletree

----- 2

3X20mm Tp screw

----- 8

5.2mm Collar

----- 2

3X3mm screw

----- 2

4X4mm screw

----- 2

3mm Lock Nut

----- 4

Rod adjuster

----- 1

2X8mm screw

----- 1

Retainer

----- 1

Rod (1.8X80mm)

----- 1

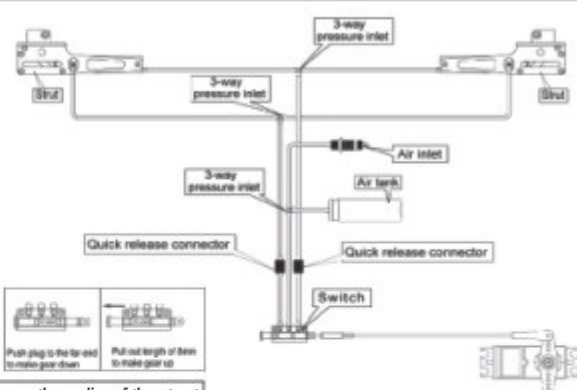
2000mm Air line

----- 2

M3X20mm Cap screw

----- 4

8 Install the main landing gear

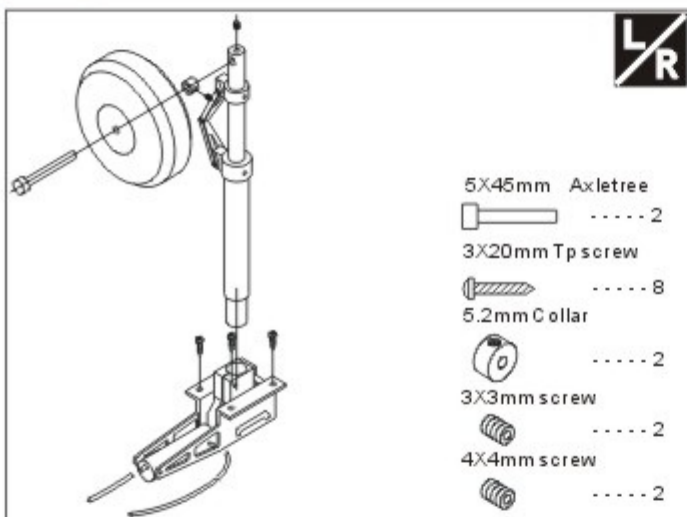


▶ Please insure the sealing of the retract system before flight.

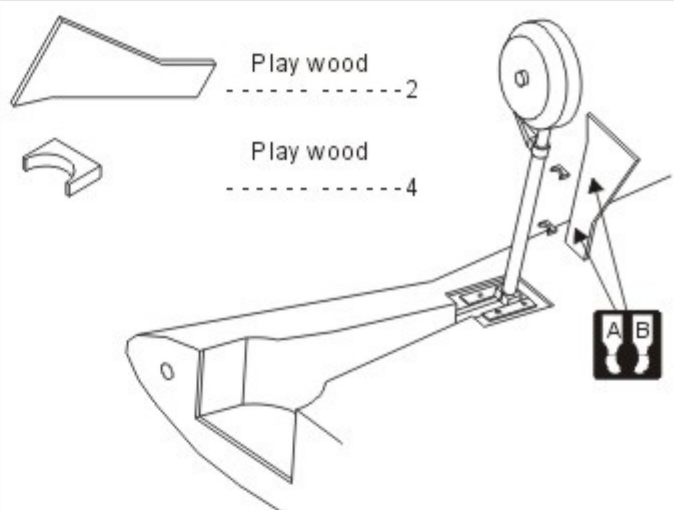
▶ Please notice the inner diameter for each side of the pressure reduction inlet.

Rod adjuster ----- 1
2X8mm screw ----- 1
Rod (1.8X80mm) ----- 1
2000mm Air line ----- 2

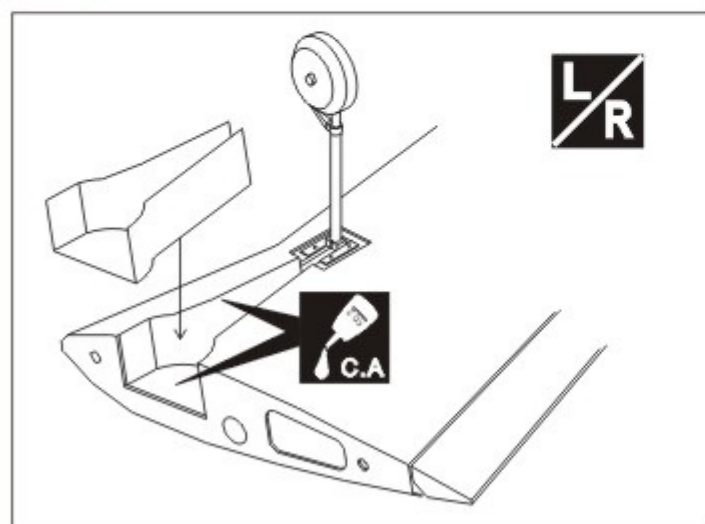
6 Install the landing gear



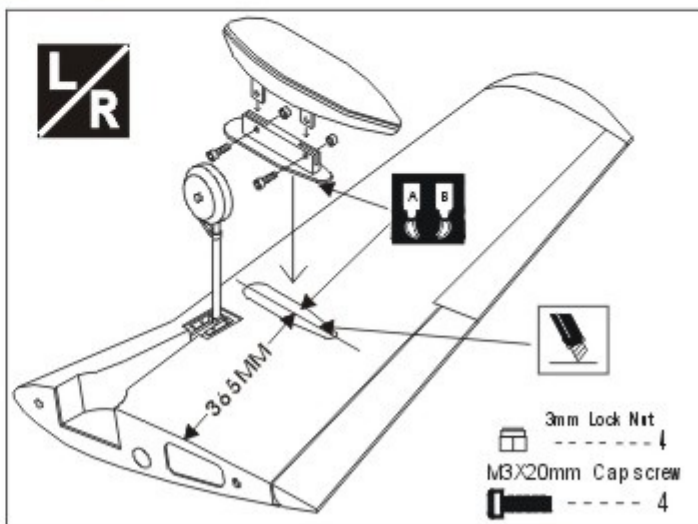
9 Install the main landing gear



7 Install the main landing gear



10 Install the guided missile

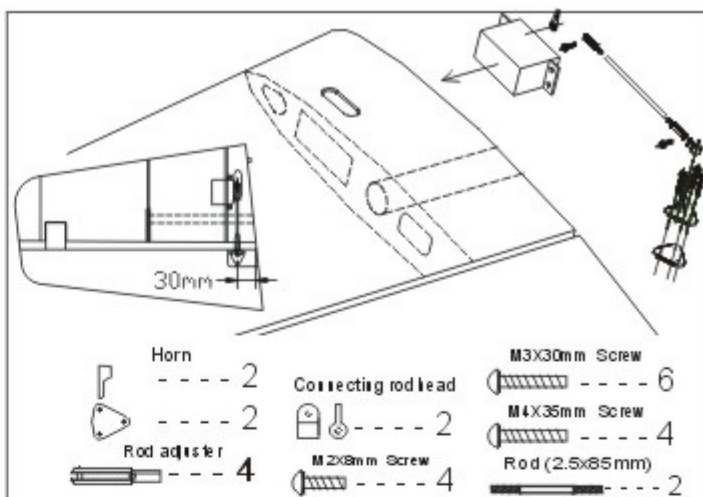




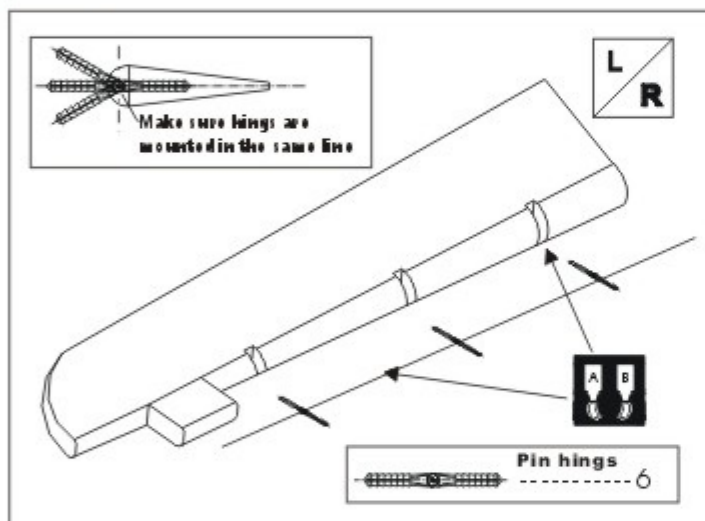
Accessory list for this page.

	----- 2		----- 2
	----- 4		----- 4
	----- 2		----- 6
	----- 9		----- 4

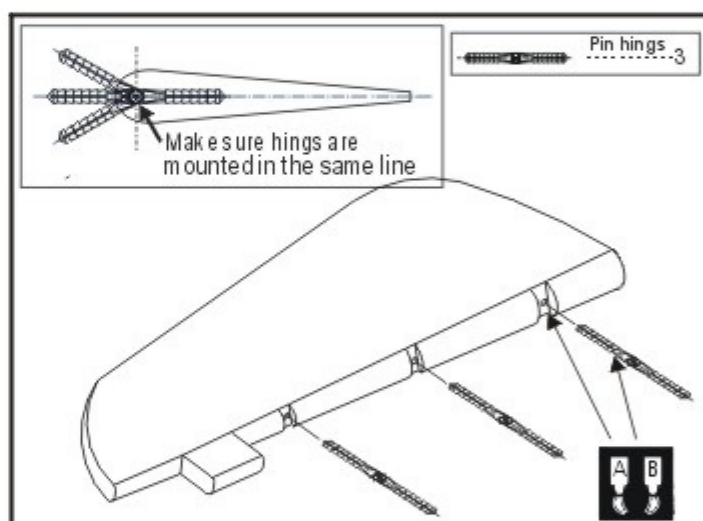
13 Install the elevator servos



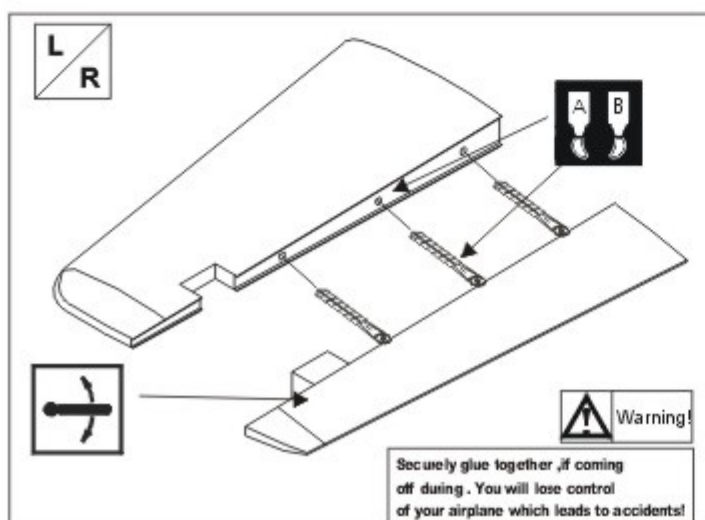
11 Epoxy pin hinges to elevator



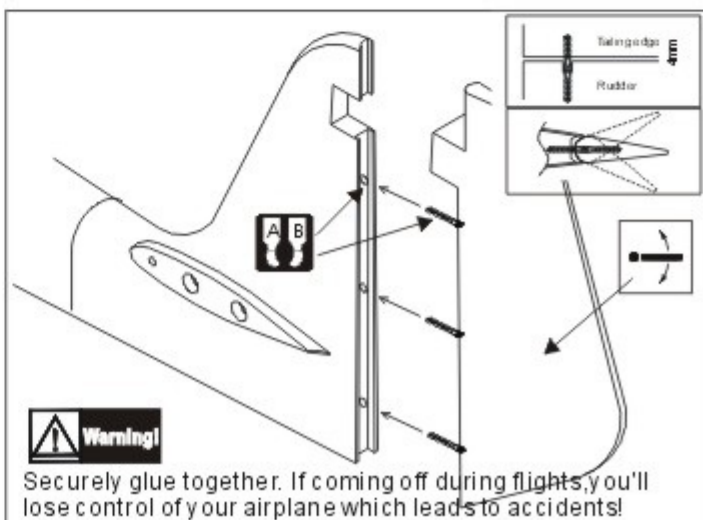
14 Epoxy pin hinges to rudder



12 Epoxy elevator hinges to horizontal tail



15 Install the rudder





Accessory list for this page.

6X9 screw

3X3mm Screw

3.2mm Nylon Collar

Rod adjuster

Rod

M3X20mm Cap screw

M4X20mm Cap screw

6mm nut

3.2mm Collar

1600mm Steel wire

Aluminium tube

3.2mm Rocker

3mm Lock Nut

4mm Blind Nut

Horn

Connecting rod head

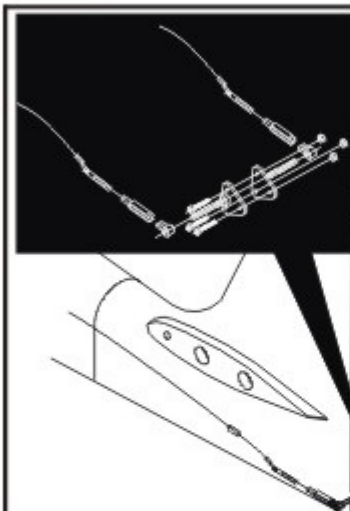
M3X45mm Screw

M2X8mm Screw

Set Nut

18

Rudder . Connect the linkage rod to the horn



Horn

Connecting rod head

Rod adjuster

Rod

10mm tube

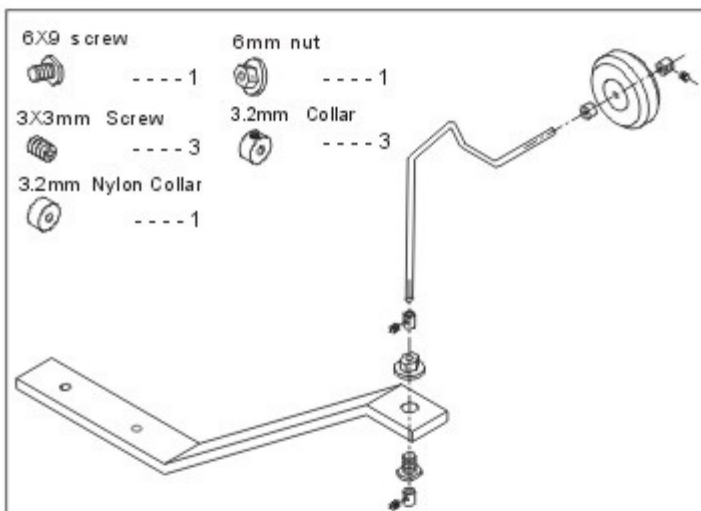
M3X45mm Screw

M2X8mm Screw

Set Nut

16

Install the tail wheel



6X9 screw

3X3mm Screw

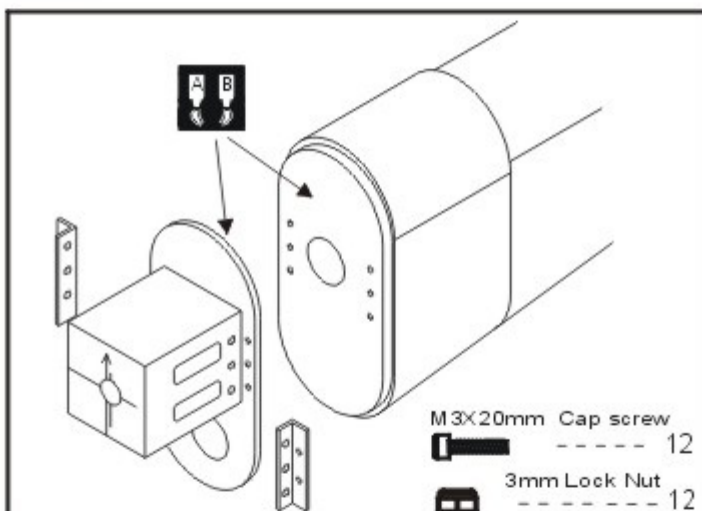
3.2mm Nylon Collar

6mm nut

3.2mm Collar

19

Engine Box Preparation

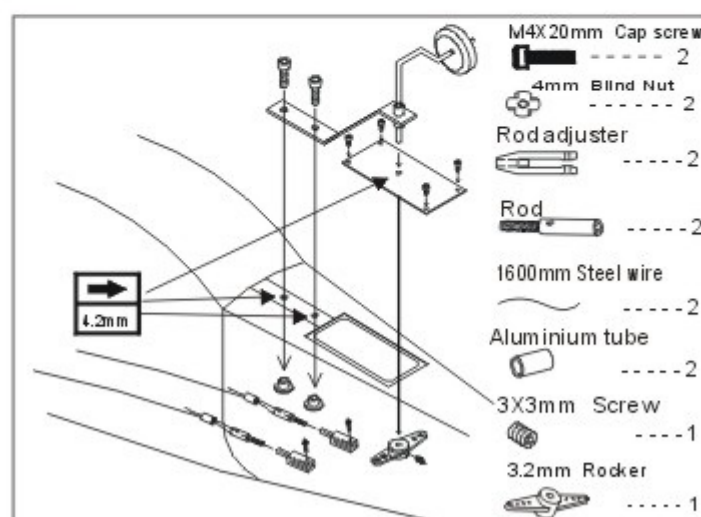


M3X20mm Cap screw

3mm Lock Nut

17

Install the tail wheel



M4X20mm Cap screw

4mm Blind Nut

Rod adjuster

Rod

1600mm Steel wire

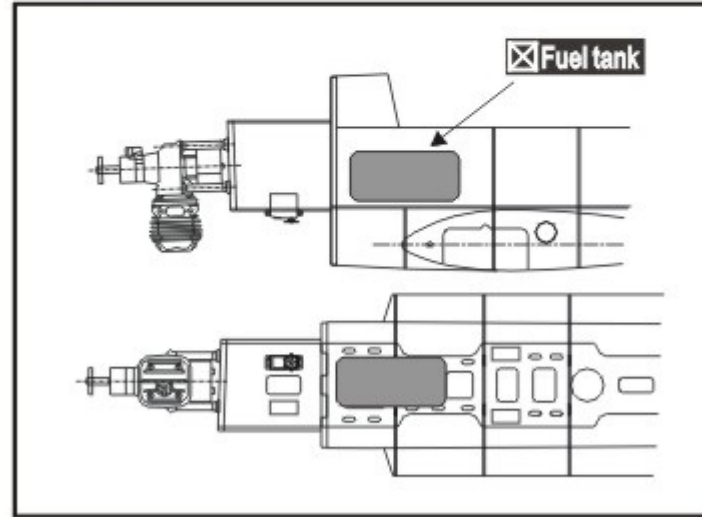
Aluminium tube

3X3mm Screw

3.2mm Rocker

20

Installation the engine



Fuel tank



Accessory list for this page.

8mm nylon Nut



----- 4

2X8mm screw



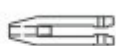
----- 2

M4X10mm screw



----- 2

Rod adjuster



----- 2

Rod



----- 2

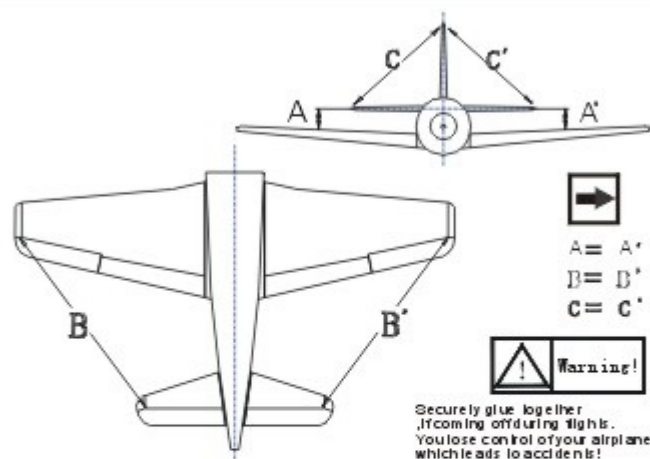
Aluminium tube



----- 2

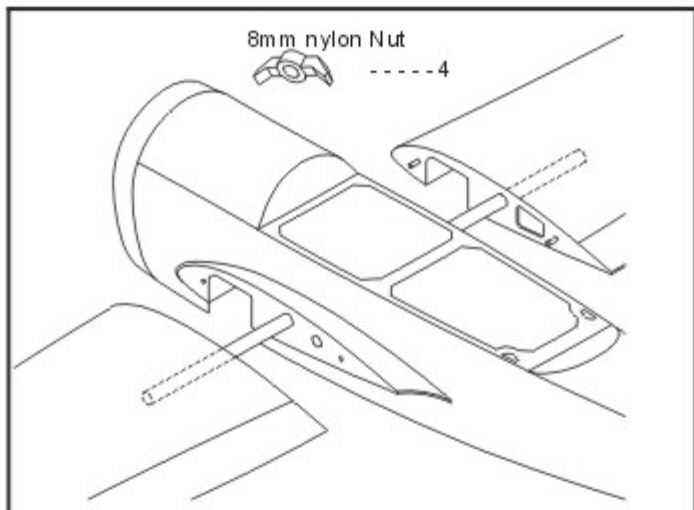
23

Assemble horizontal tail, vertical tail, tail gear separately



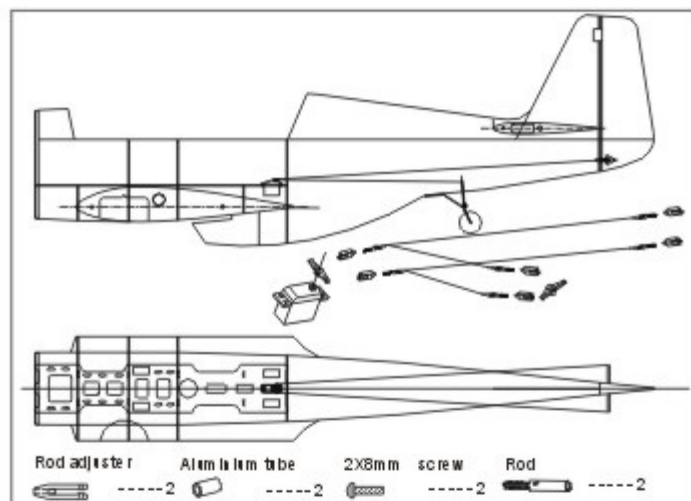
21

Mount the main wing on the fuselage



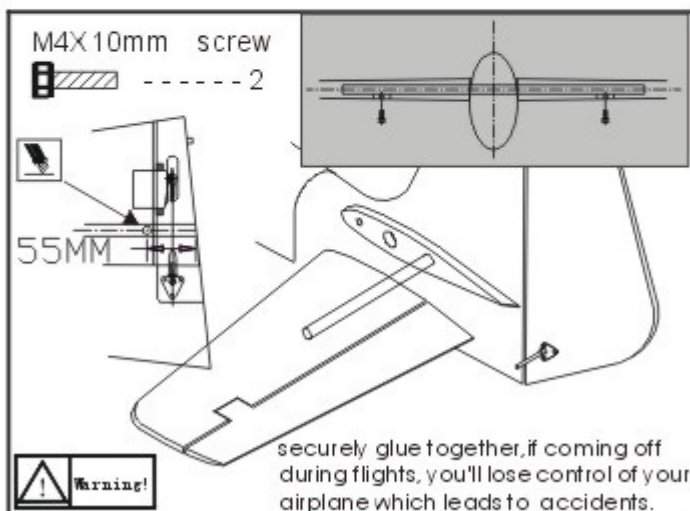
24

Assemble the servos and switch in the fuselage



22

Epoxy the horizontal tail to fuselage



25

Assemble the canopy





Accessory list for this page.

M3X25mm screw

 ----- 2

3mm Washer

 ----- 8

M3X15mm screw

 ----- 6

26 Assemble the canopy

M3X25mm screw

 ----- 2

3mm Washer

 ----- 2



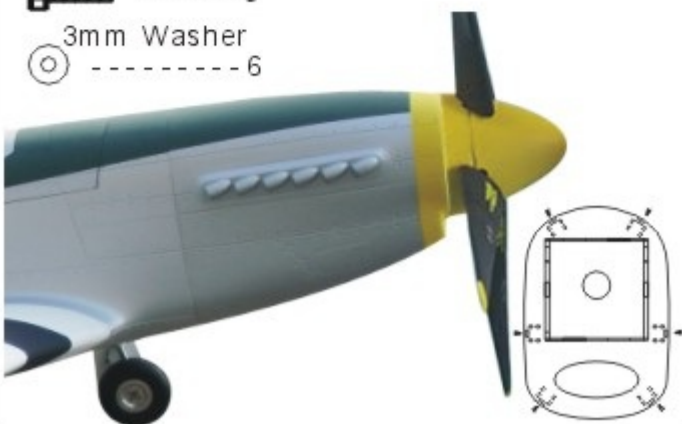
27 Install the cowling

M3X15mm screw

 ----- 6

3mm Washer

 ----- 6

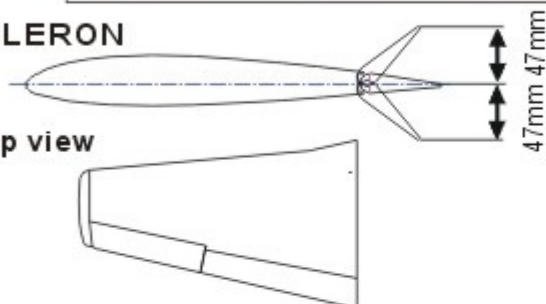


28 Adjustment.

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.

AILERON

Top view

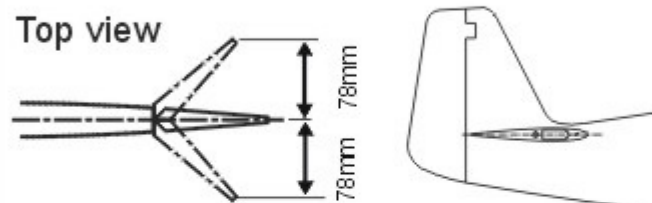


30 Adjustment.

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.

Side view

Top view

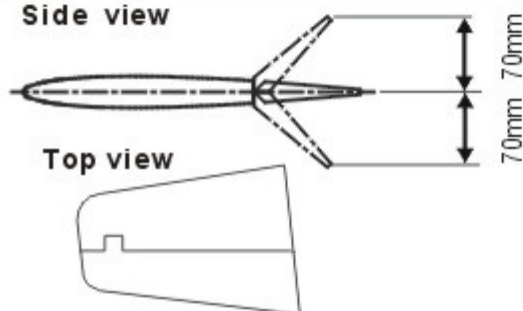


29 Adjustment.

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.

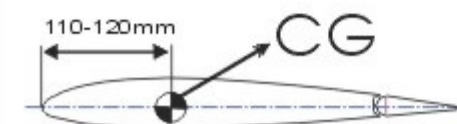
Side view

Top view



31 Centre of Gravity.

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



NEVER fly the model
without well balancing.

