

Before commencing assembly, please read these instructions thoroughly.



P-51D 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.



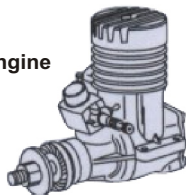
12 AA-size Batteries



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 splinner

Purchase a propeller that will match your engine



- 4** Silicone Tube  Fuel Filter 

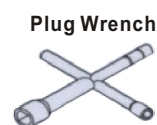
- 5** required for engine starting Glow engine fuel only.



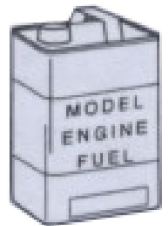
WARNING: Normal gasoline cannot be used with glow engines.



Fuel Pump



Plug Wrench



- 6** Glue

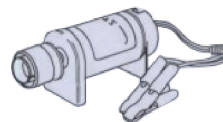


Instant glue

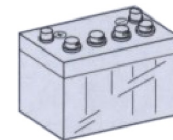


Epoxy Glue

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



Engine Starter



12V Battery (for starter)

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



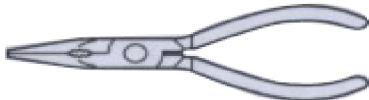
Phillips Screw Driver



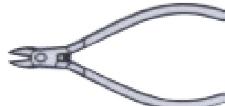
Awl



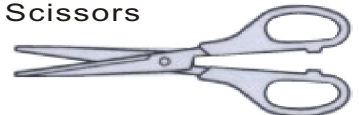
Needle Nose Pliers



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!



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.

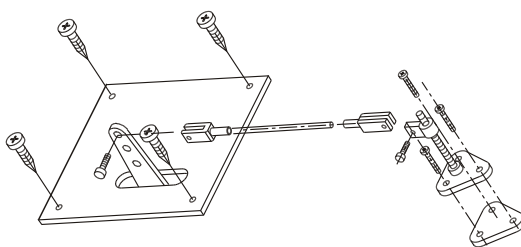
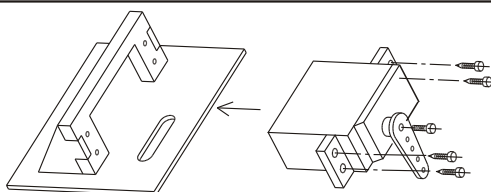


Accessory list for this page.

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

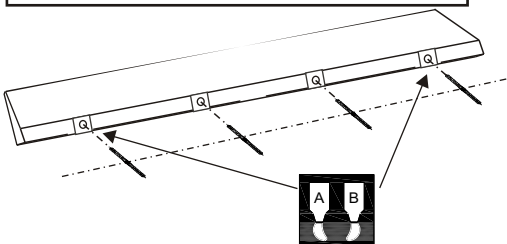
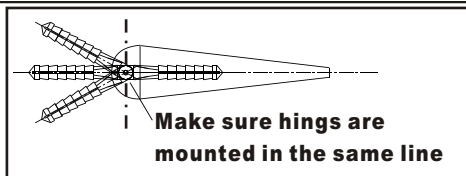
3

Install the servo



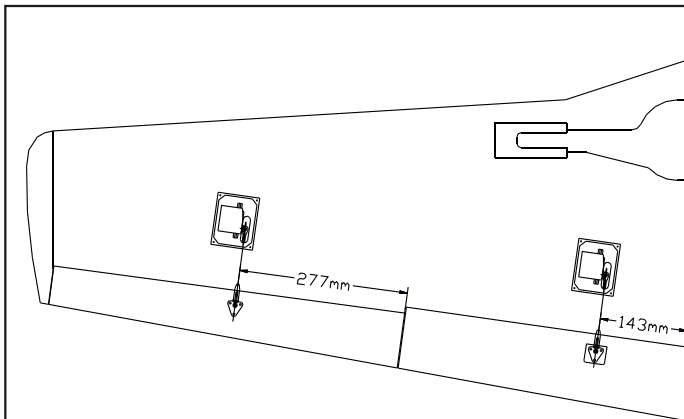
1

Epoxy pin hinges to aileron steadily



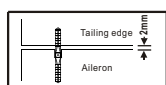
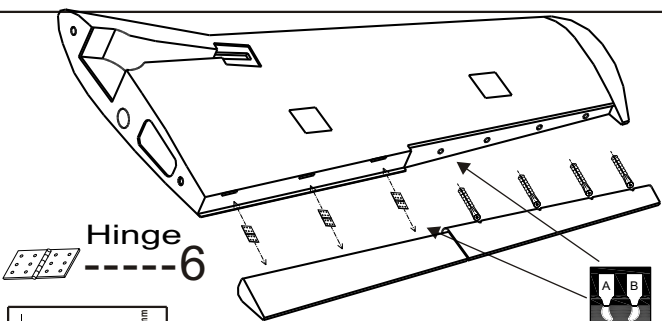
4

Install the servo

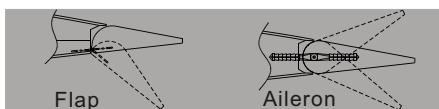


2

Install the aileron

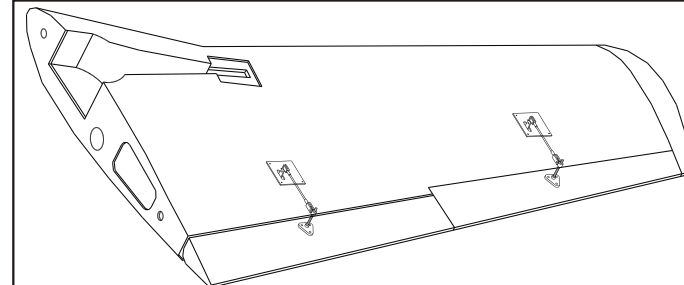


Warning!
Securely glue together. If coming off during flights, you'll lose control of your airplane which leads to accidents!



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

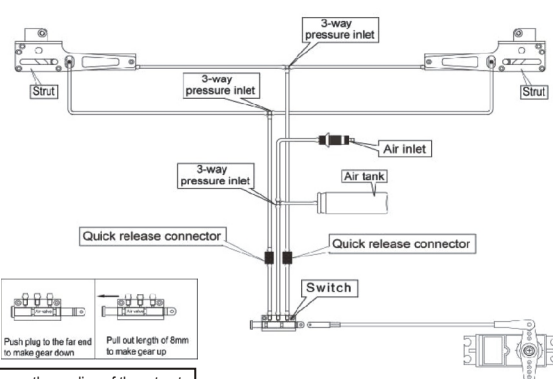
----- 2

M3X20mm Cap screw

----- 4

8

Install the main landing gear

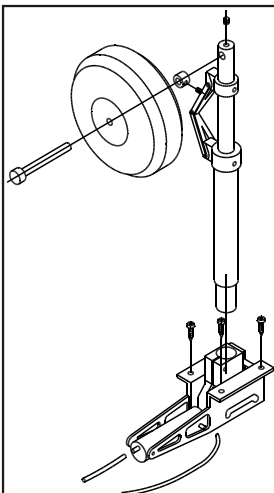


Please insure the sealing of the retract system before flight.
Please notice the inner diameter for each side of the pressure reduction inlet.

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

6

Install the landing gear



5X45mm Axletree

----- 2

3X20mm Tp screw

----- 8

5.2mm Collar

----- 2

3X3mm screw

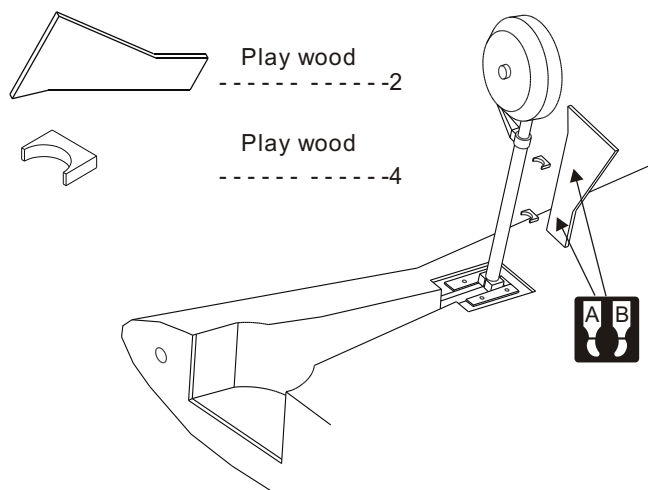
----- 2

4X4mm screw

----- 2

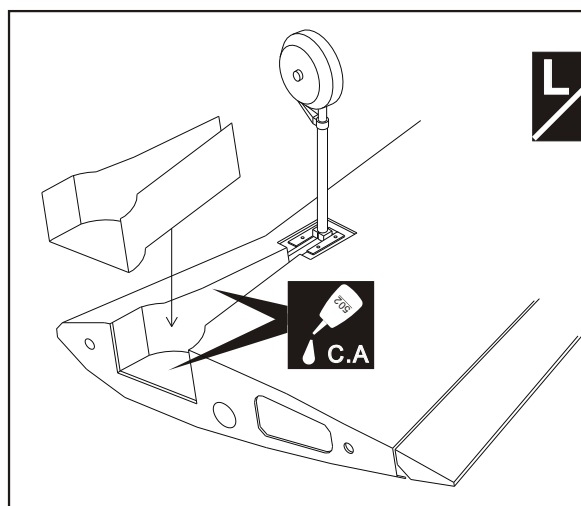
9

Install the main landing gear



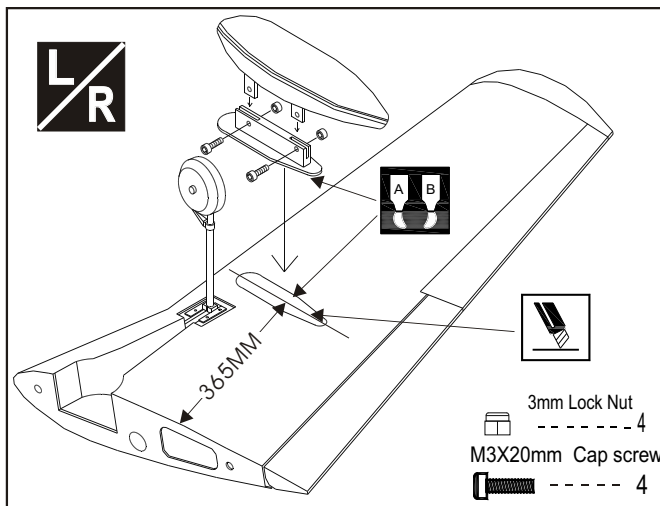
7

Install the main landing gear



10






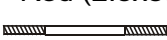


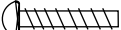
Install the drop tank. (P51D Miss Americal design does not include drop tank)



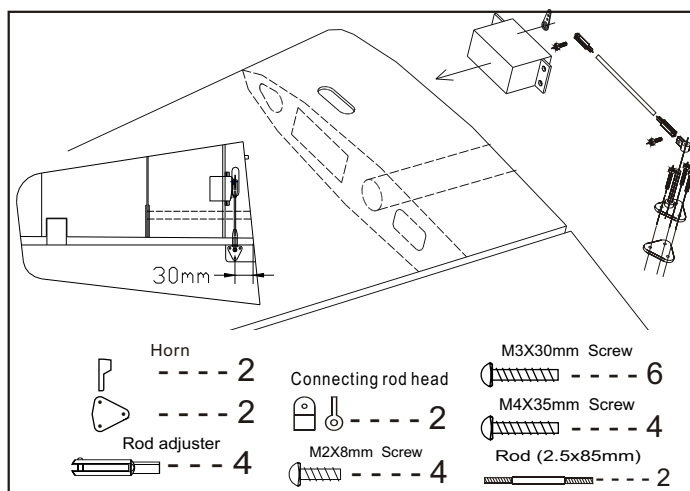
3mm Lock Nut ----- 4
M3X20mm Cap screw ----- 4



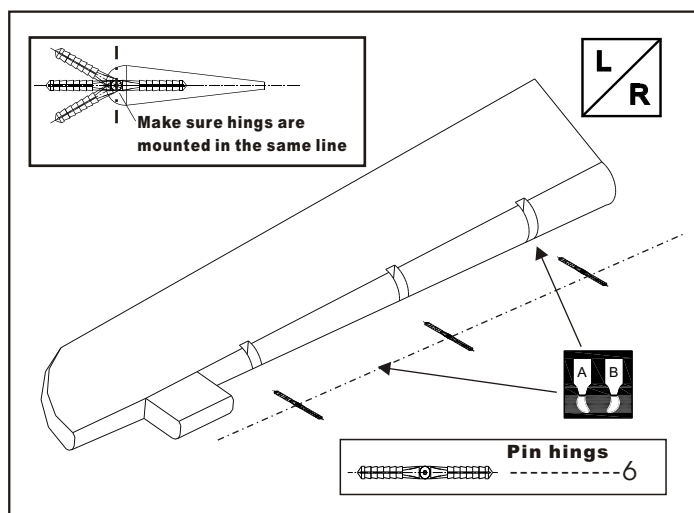
Accessory list for this page.

	Horn	-----	2		Connecting rod head	-----	2
		-----	2				
	Rod adjuster	-----	4		M2X8mm Screw	-----	4
	Rod (2.5x85mm)	-----	2		M3X30mm Screw	-----	6
	Pin hinges	-----	9		M4X35mm Screw	-----	4

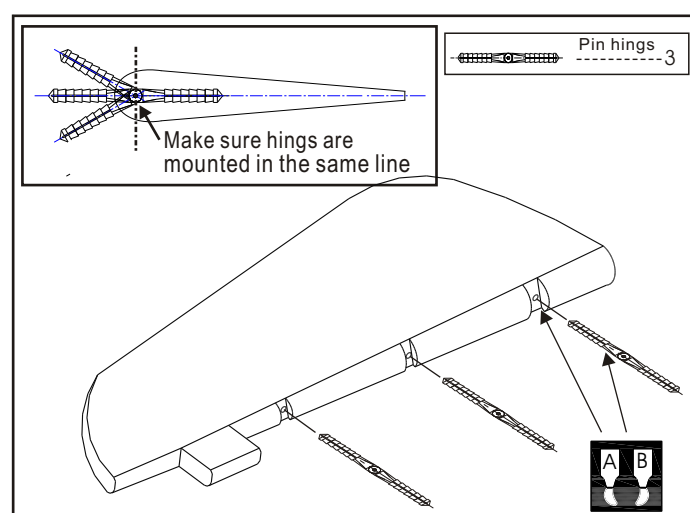
13 Install the elevator servos



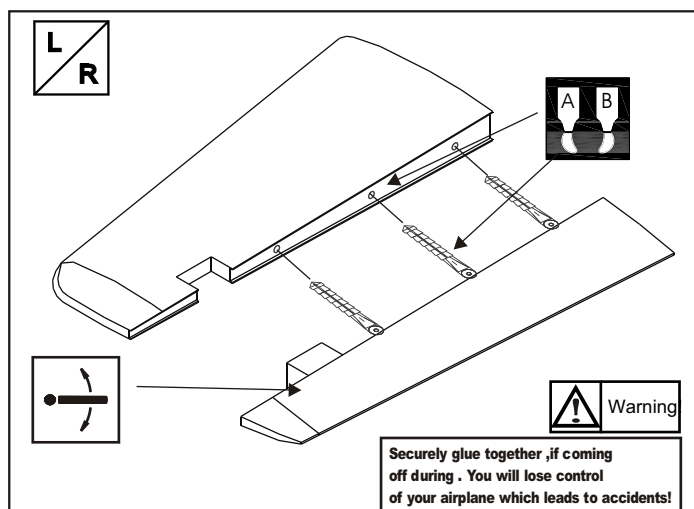
11 Epoxy pin hinges to elevator



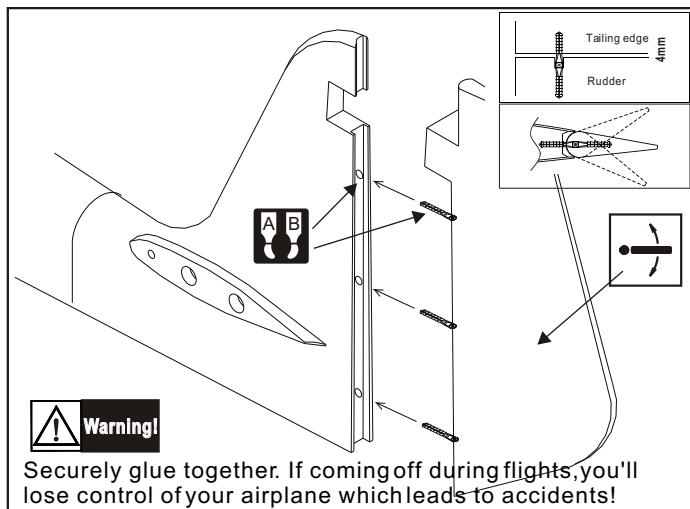
14 Epoxy pin hinges to rudder



12 Epoxy elevator hinges to horizontal tail






















15 Install the rudder



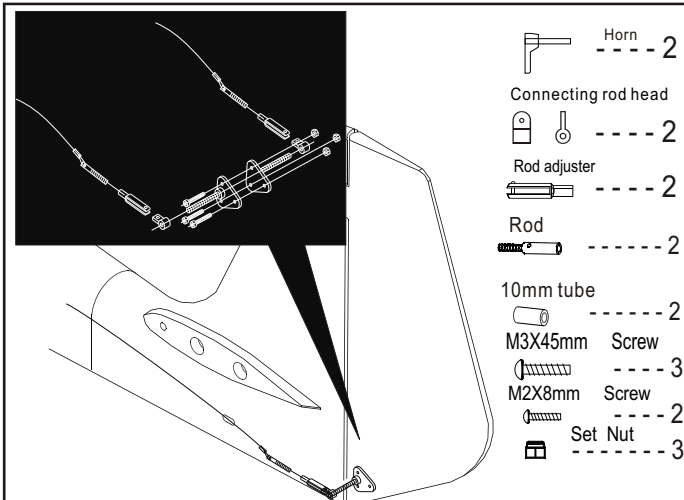


Accessory list for this page.

6X9 screw  ----- 1	6mm nut  ----- 1	Horn  ----- 2
3X3mm Screw  ----- 4	3.2mm Collar  ----- 3	Connecting rod head  ----- 2
3.2mm Nylon Collar  ----- 1	1600mm Steel wire  ----- 2	M3X45mm Screw  ----- 3
Rod adjuster  ----- 4	Aluminium tube  ----- 4	M2X8mm Screw  ----- 2
Rod  ----- 4	3.2mm Rocker  ----- 1	Set Nut  ----- 3
M3X20mm Cap screw  ----- 12	3mm Lock Nut  ----- 12	
M4X20mm Cap screw  ----- 2	4mm Blind Nut  ----- 4	

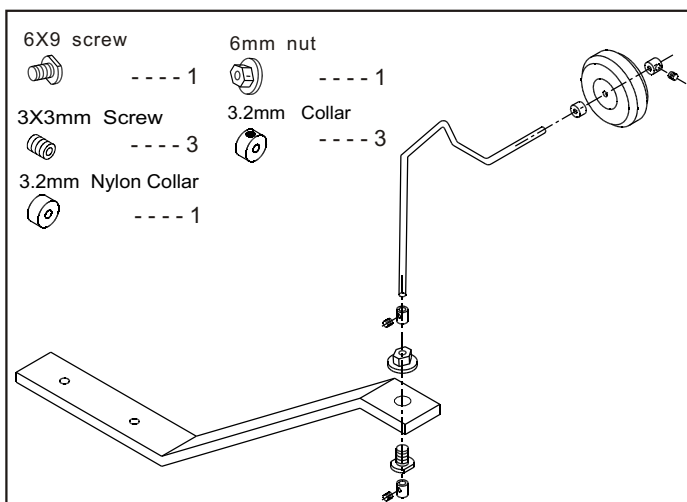
18

Rudder . Connect the linkage rod to the horn



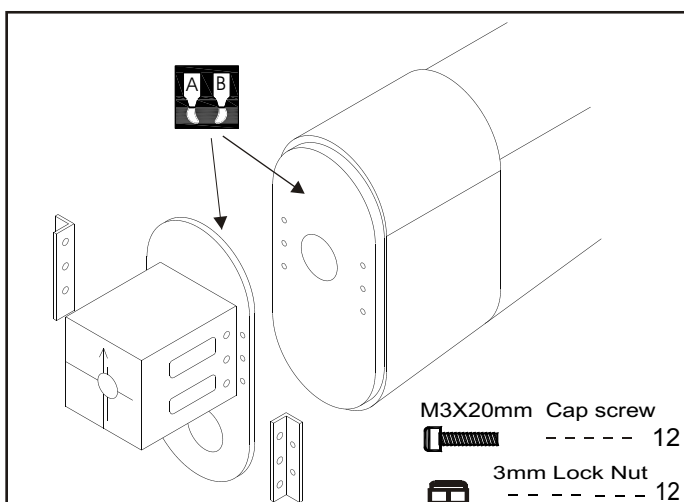
16

Install the tail wheel



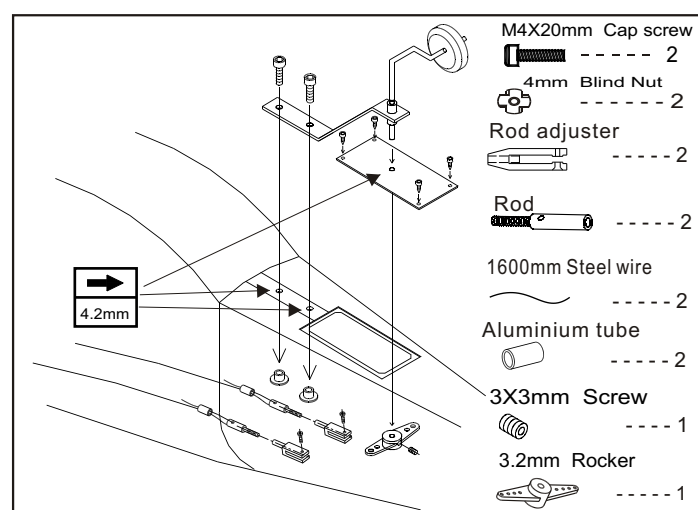
19

Engine Box Preparation



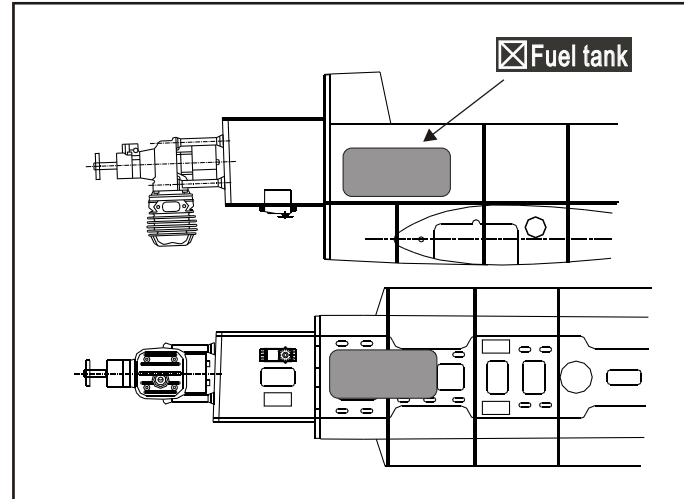
17

Install the tail wheel



20

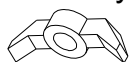
Installation the engine





Accessory list for this page.

8mm nylon Nut



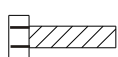
----- 4

2X8mm screw



----- 2

M4X10mm screw



----- 2

Rod adjuster



----- 2

Rod



----- 2

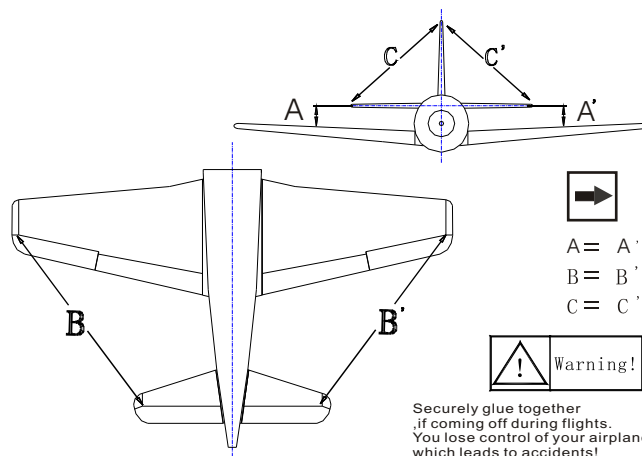
Aluminium tube



----- 2

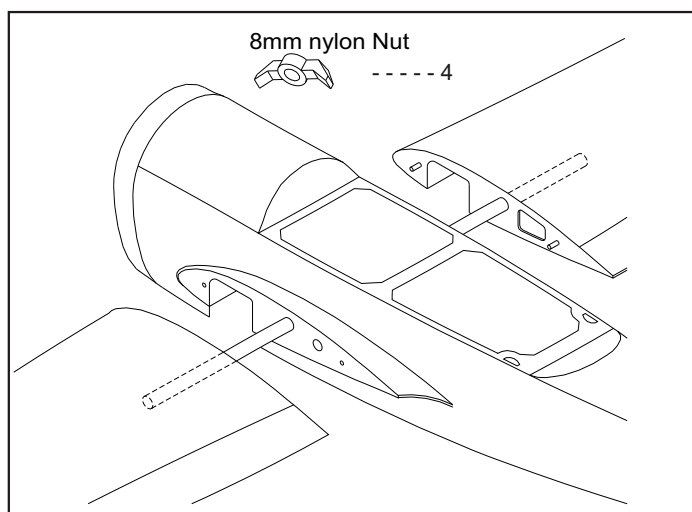
23

Assemble horizontal tail, vertical tail, tail gear separately



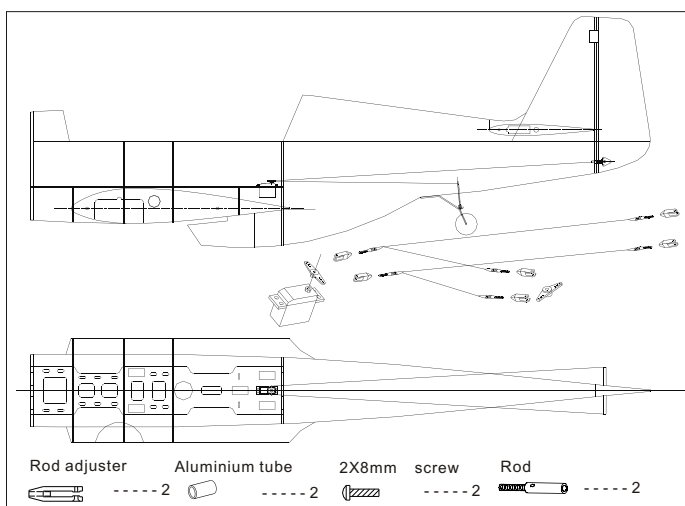
21

Mount the main wing on the fuselage



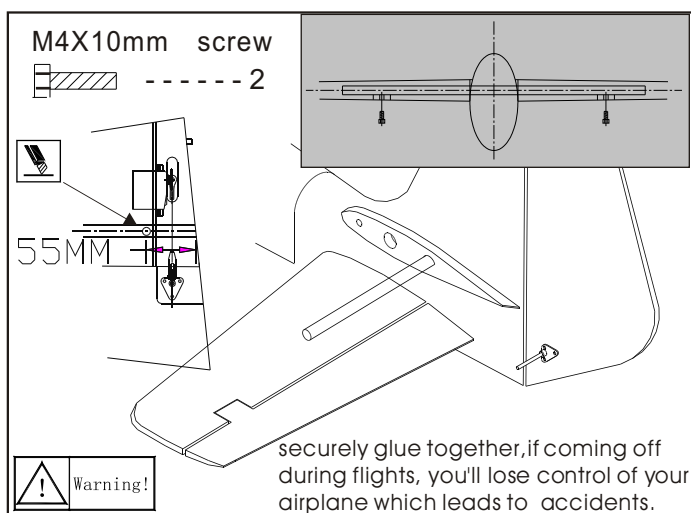
24

Assemble the servos and switch in the fuselage



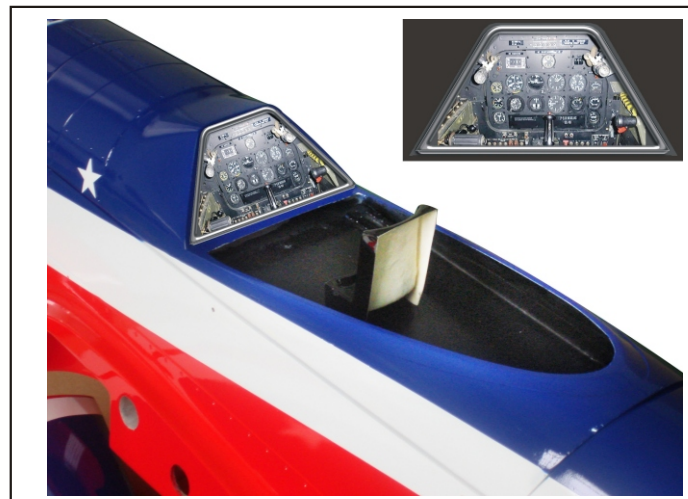
22

Epoxy the horizontal tail to fuselage



25

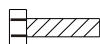
Assemble the canopy






Accessory list for this page.


M3X25mm screw

 ----- 2

3mm Washer

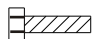
 ----- 8

M3X15mm screw


 ----- 6

26 Assemble the canopy

M3X25mm screw

 ----- 2

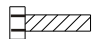
3mm Washer

 ----- 2




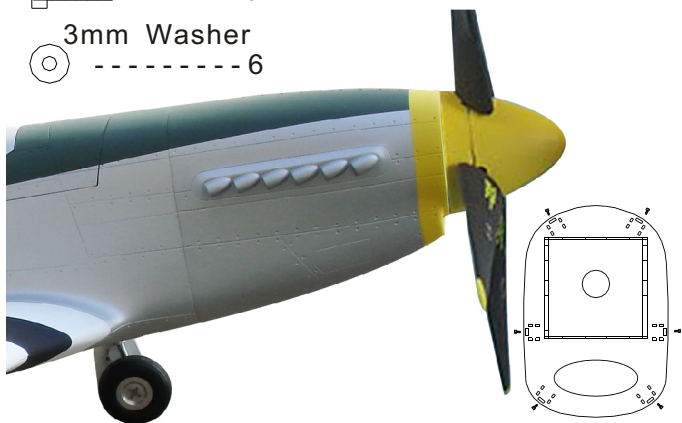
27 Install the cowling

M3X15mm screw

 ----- 6

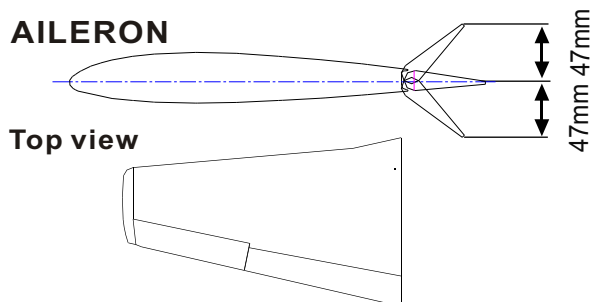
3mm Washer

 ----- 6



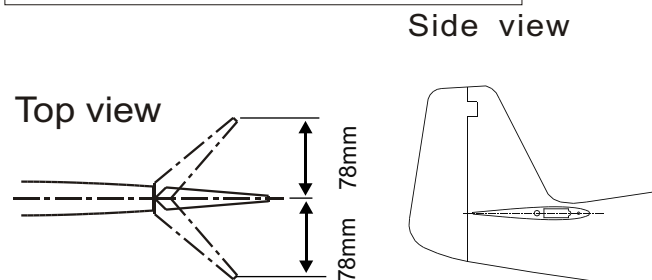
28 Adjustment.

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.



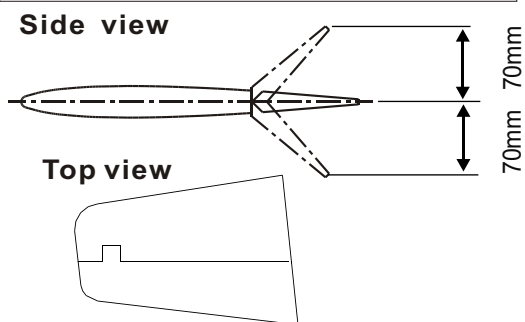
30 Adjustment.

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.



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.



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.

