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Pt-19

Item Nr: CY8023



Instruction Manual

Before commencing assembly, please read these instructions thoroughly.

ALMOST - READY - TO - FLY



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 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: 2000 mm (79 in)
Wing Area: 61.3 dm² (950 sq.in)
Total Length: 1550 mm (61 in)
Take-off weight: 11 lb (5kg)
Engine : 2c 1.40-1.60cu.in
26cc gas engine
Radio : 5 channels , 8 servos

REQUIRED FOR OPERATION (Purchase separately)

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

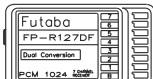


CAUTION: Only use a minimum 5channel radio for airplanes! (No other radio may be used!)

A minimum 5 channel transmitter for airplanes.



12 AA-size Batteries



Receiver



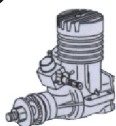
remote control

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

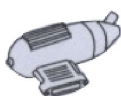
- 2** Battery (need 2) Switch (need 2)

- 3** Servo(need 8 servos)

- 4** Engine and Muffler
Model Airplane engine: 2cc 1.40-1.60cu.in
26cc gas engine



Muffler



Glow plug



Muffler



Ignition

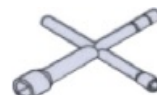


- 5** Glue
Epoxy Glue Instant glue

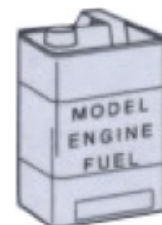
- 6** required for engine starting **WARNING:** Normal gasoline cannot be used with glow engines.



Fuel Pump



Plug Wrench



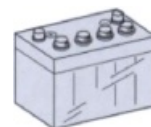
Glow engine fuel only.

- 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



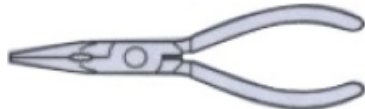
Phillips Screw Driver



Awl



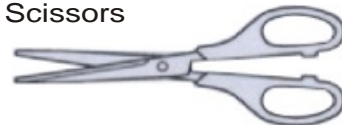
Needle Nose Pliers



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!



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.

Horn



----- 4



----- 2

2X12mm Tp screw



----- 6

2x30mm Screw



----- 6

1.8X90mm rod



----- 4

Hinge



----- 8

2.3X10mm Tp screw



----- 16

Connecting rod head



----- 4

Rod adjuster



----- 4

2x8mm Screw



----- 4

Hinge



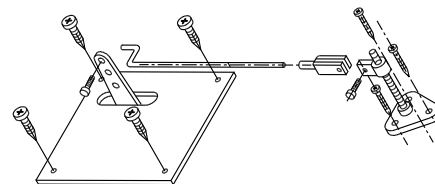
----- 4

3

Install the servo.

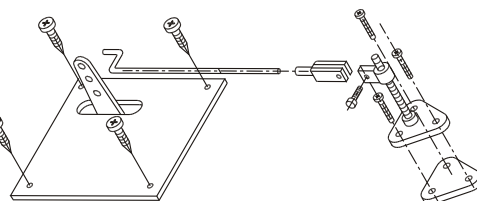
L/R

Flap.



L/R

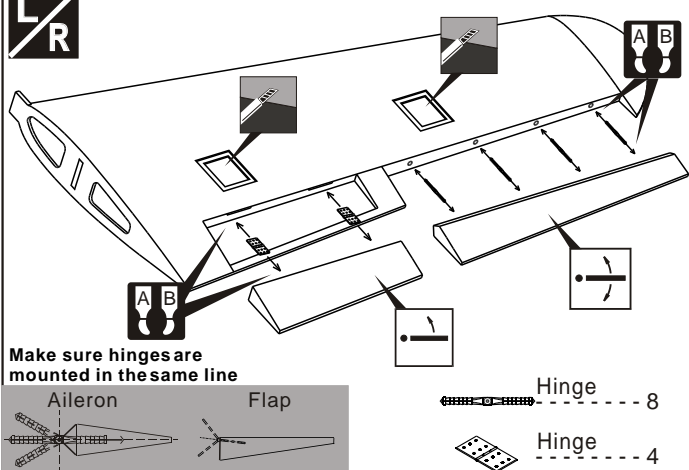
Aileron



1

Install the aileron

L/R



Make sure hinges are mounted in the same line



Aileron

Flap

Hinge



----- 8

Hinge



----- 4

4

Install the servo.

Horn



----- 4

2X12mm Tp screw



----- 16

Connecting rod head



----- 4

Rod adjuster



----- 4

2x8mm Screw



----- 4

1.8X90mm rod



----- 4

2X30mm Screw



----- 6

2X12mm Tp screw



----- 6

Connecting rod head



----- 4

Rod adjuster



----- 4

2x8mm Screw



----- 4

1.8X90mm rod



----- 4

2X30mm Screw



----- 6

2X12mm Tp screw



----- 6

Connecting rod head



----- 4

Rod adjuster



----- 4

2x8mm Screw



----- 4

1.8X90mm rod



----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4

2X30mm Screw

----- 6

2X12mm Tp screw

----- 6

Connecting rod head

----- 4

Rod adjuster

----- 4

2x8mm Screw

----- 4

1.8X90mm rod

----- 4



Accessory list for this page.

Pressure plate

-----4

3X20mm Tp screw

-----8

5.2mm Collar

-----2

5.2mm Nylon collar

-----2

3X3mm screw

-----2

5X45mm screw

-----2

5mm Washer

-----2

35mm wheel

-----1

2.6mm Collar

-----2

2.6mm Nylon collar

-----1

3X3mm screw

-----1

3X12 Tp screw

-----3

3X5 Screw

-----1

-----1

-----1

2.6X12mm Tp screw

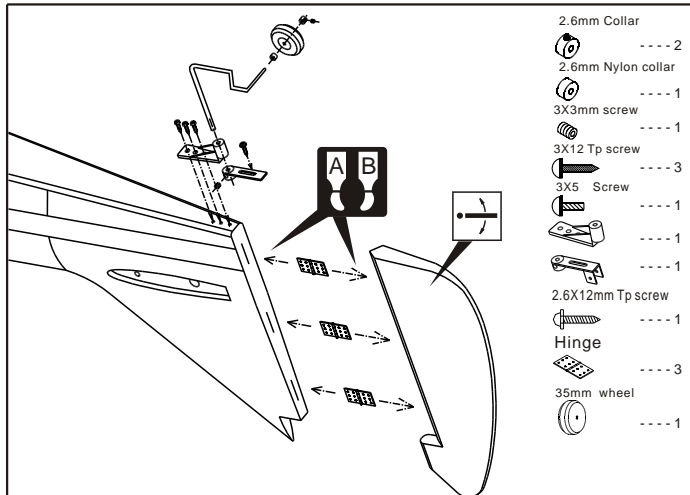
-----1

Hinge

-----3

8

Install the rudder&tail wheel



6

Install the main landing gear

Pressure plate

-----4

3X20mm Tp screw

-----8

5.2mm Collar

-----2

5.2mm Nylon collar

-----2

3X3mm screw

-----2

-----2

-----2

-----2

-----2

-----2

-----2

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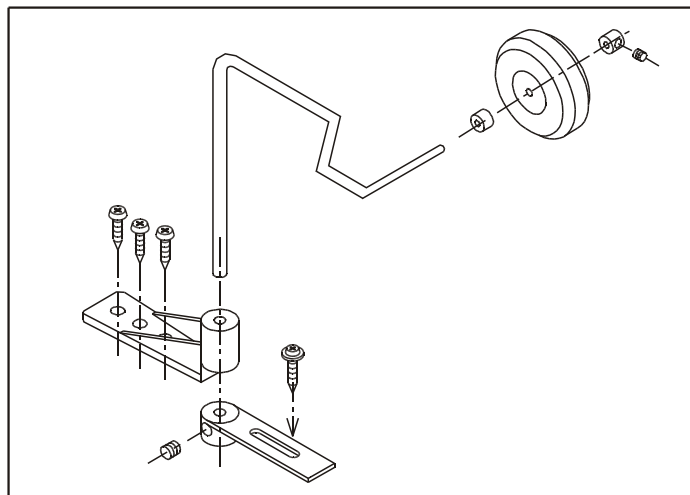
-----2

-----2

-----2

9

Install the rudder&tail wheel



7

Main wing installing

5X45mm screw

-----2

5mm Washer

-----2

-----2

-----2

-----2

-----2

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-----2

-----2

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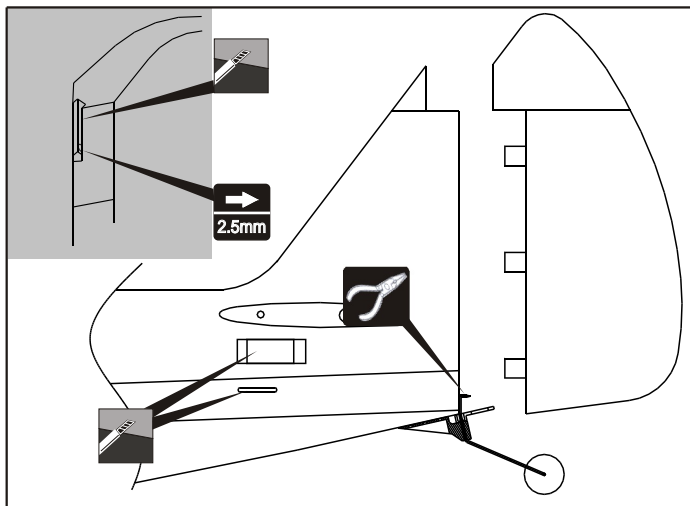
-----2

-----2

-----2

10

Install the rudder&tail wheel

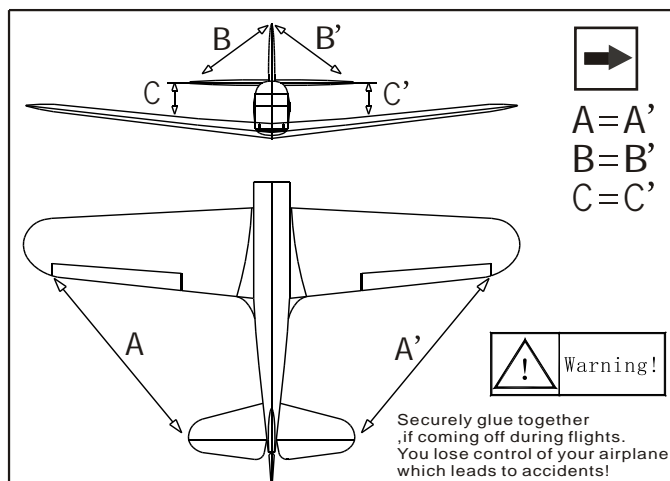




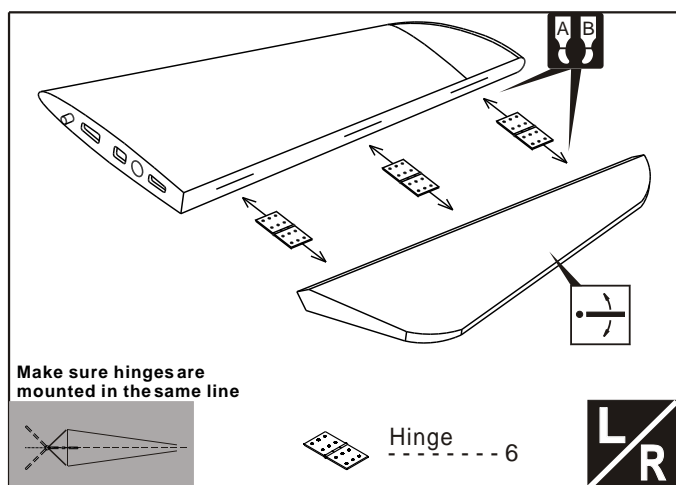
Accessory list for this page.

2X20mm screw	HORN
---- 3	---- 2
2mm nut	Rod adjuster
---- 3	---- 4
2X8mm screw	Connecting rod head
---- 4	---- 4
1000mm Steel wire	Rod
---- 2	---- 4
Hinge	
---- 6	

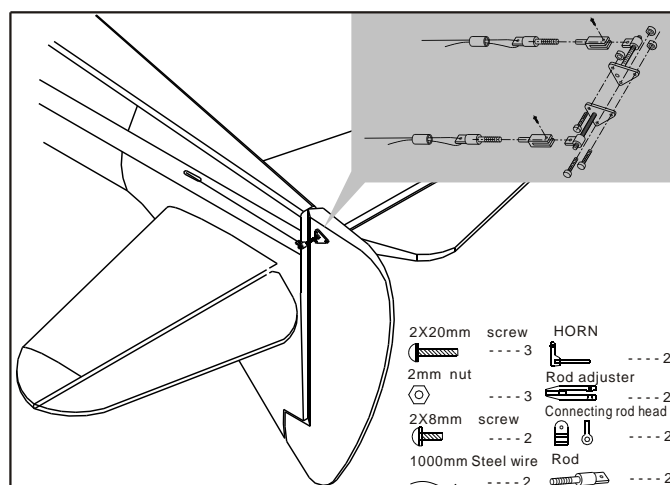
13 Main wing & Horizontal/Vertical tail



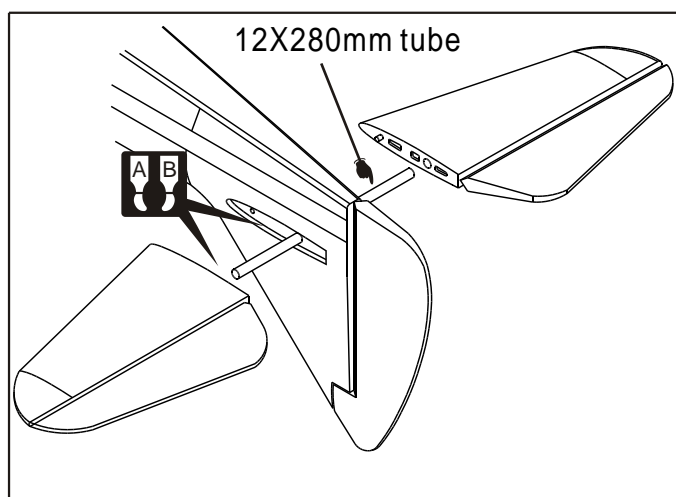
11 Install the elevator



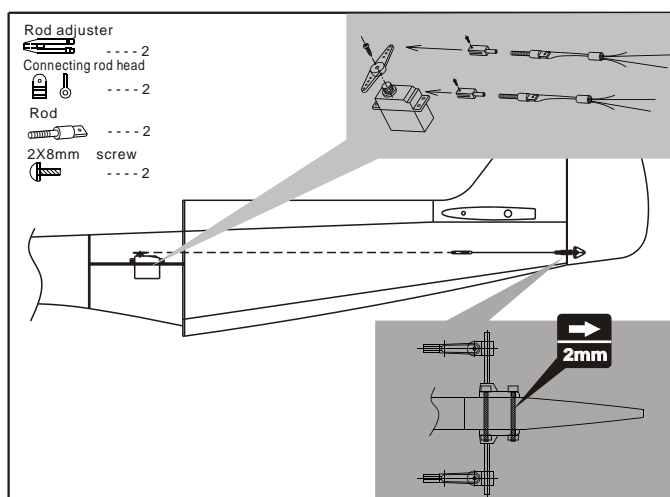
14 Install the rudder servo



12 Install the elevator



15 Install the rudder servo

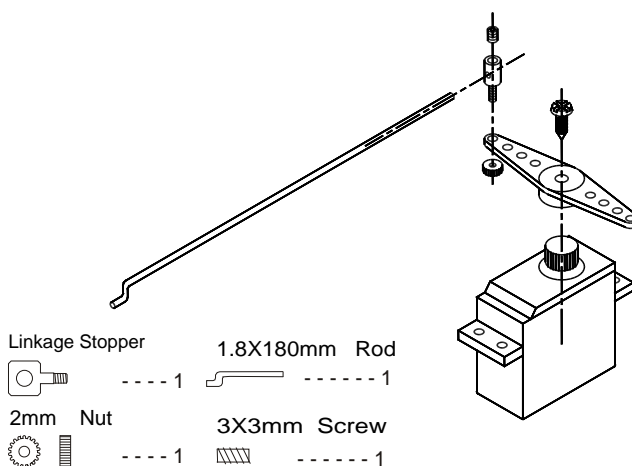




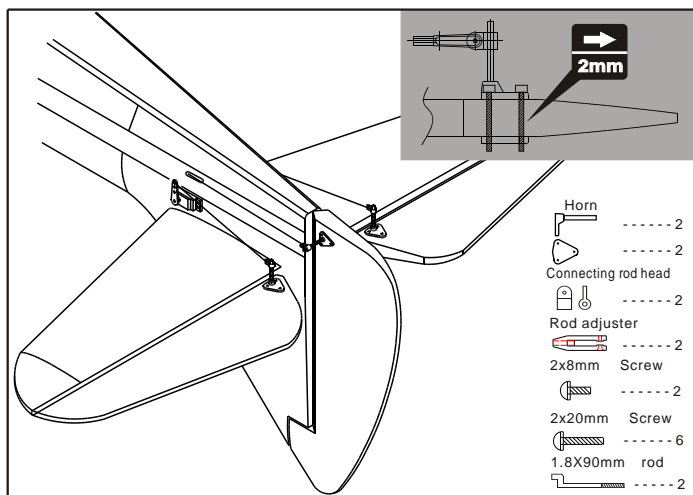
Accessory list for this page.

Horn	----- 2	Linkage Stopper	----- 1
Connecting rod head	----- 2	2mm Nut	----- 1
Rod adjuster	----- 2	2mm Nut	----- 1
2x8mm Screw	----- 2	1.8X180mm Rod	----- 1
2x20mm Screw	----- 2	3X3mm Screw	----- 1
1.8X90mm rod	----- 2		

18 Install the throttle servo

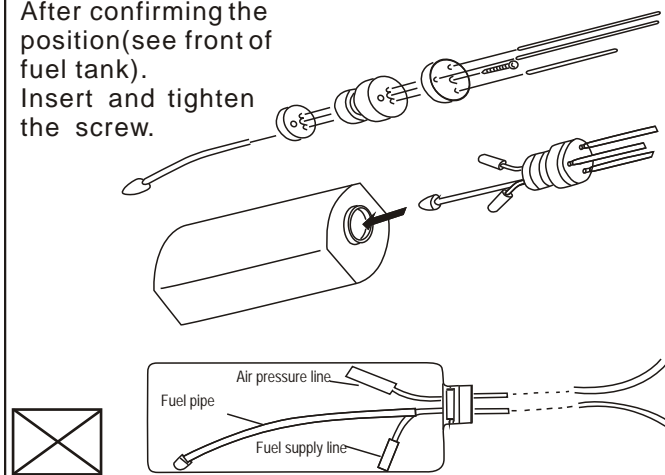


16 Install the elevator servo



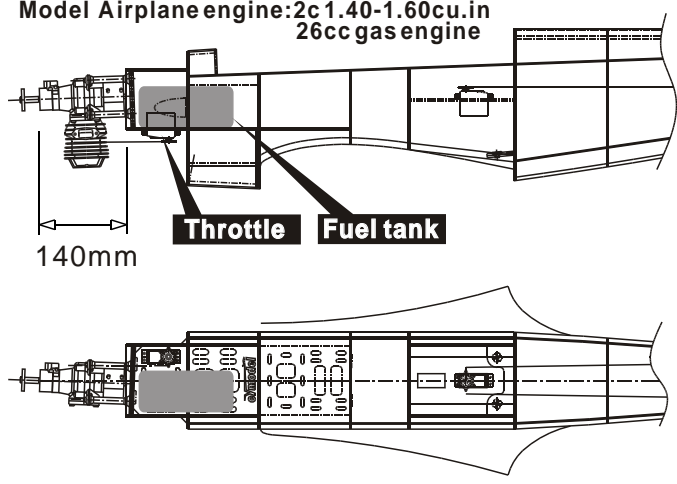
19 Assembly of the full tank

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

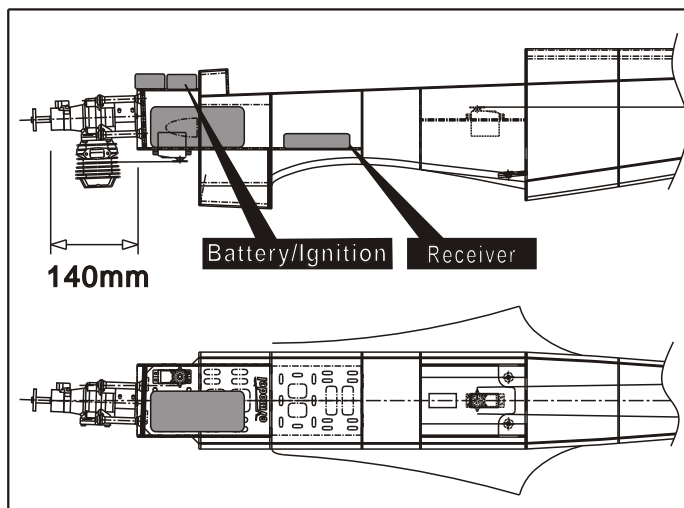


17 Install the engine

Model Airplane engine: 2c 1.40-1.60cu.in
26cc gas engine



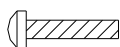
20 Radio Equipment





Accessory list for this page.

3X20mm screw



----- 2

3mm Washer



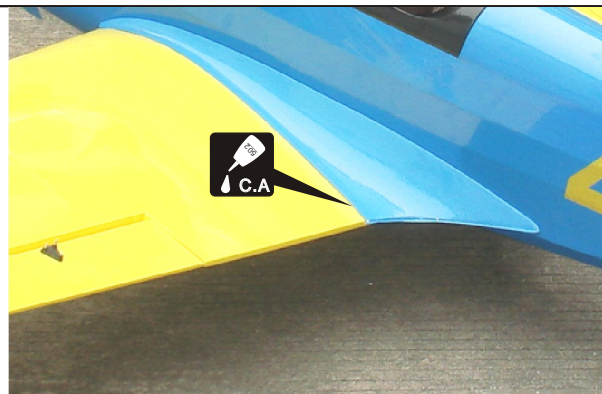
----- 2

2.3X10mm Tp screw

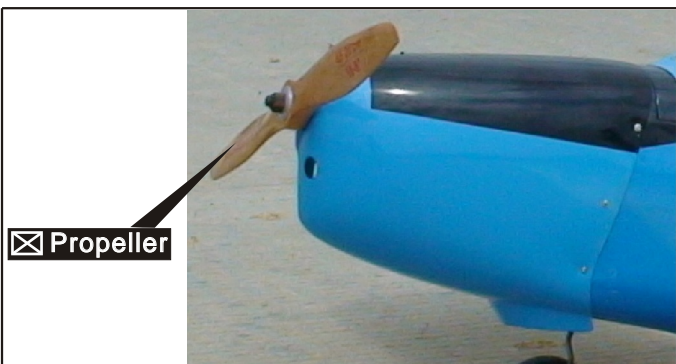


----- 14

23 Install the canopy



21 Install the thr cowling



2.3X10mm Tp screw



----- 6

24 Install the canopy



22 Install the canopy



25 Install the canopy



3X20mm screw



----- 2

3mm Washer



----- 2

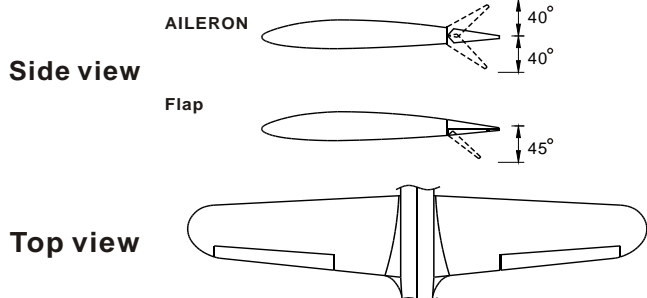
2.3X10mm Tp screw



----- 8

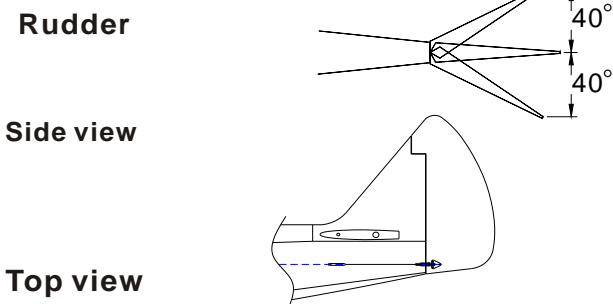
26 Adjustment.

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.



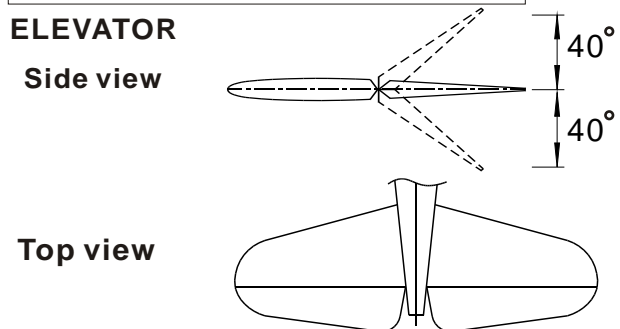
28 Adjustment

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.



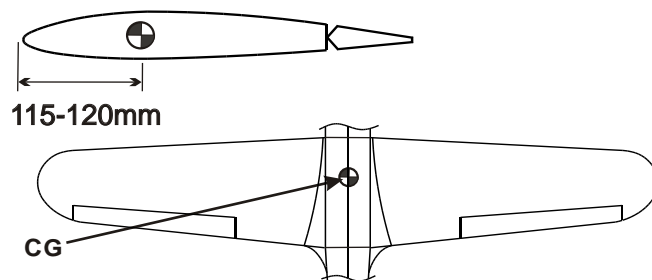
27 Adjustment.

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.



警告
Warning!

**NEVER fly the model
without well balancing.**