

Before commencing assembly, please read these instructions thoroughly.

YAK54-50



SPECIFICATIONS

Wing Span: 1320mm (52")
Length: 1120mm (44")
Weight: 2250g (79.4oz)
Wing Area: 30.3dm² (470sq in)
Wing Loading: 74.3g/dm² (26.2 oz/sq in)
Engine: 52(4C)
50(2C)

INSTRUCTION MANUAL

INDEX

REQUIRED OPERATION	2
BEFORE YOU BEGIN	2
ASSEMBLY	3

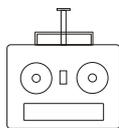


SAFETY PRECAUTIONS

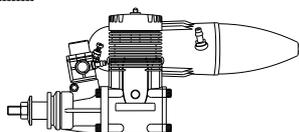
- First-time builders should seek the advice of experienced modelers before commencing assembling and if they do not fully understand any part of the construction.
- You are responsible for this model's assembly and safe operation!
- Always keep this instruction manual ready at hand for quick reference, even after completing the assembly.

REQUIRED FOR OPERATION (Purchase separately!)

1 4 Channel R/C Transmitter



3 Motor



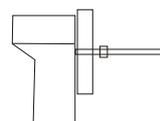
5 Propeller



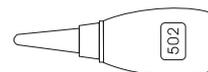
2 4 Channel Mini R/C receiver



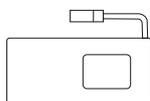
4 Reduction gear case



6 Instant Glue



7 Power battery

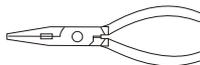


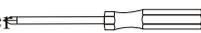
8 Speed Controller

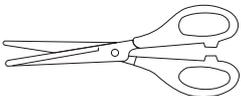


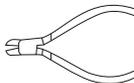
TOOLS REQUIRED (Purchase separately!)

Sharp Hobby Knife 

Needle Nose Pliers 

Screw Driver 

Scissors 

Wire Cutters 

Awl 

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 C.A Glue

 Apply A.B Glue

 Apply P.A Glue

 Assemble left and right sides the same way

 Drill holes with the specified diameter (here: 2mm)

 Purchase separately

 Pay close attention here

 Ensure smooth non-binding movement while assembling

 Cut off shaded portion

Parts Layout



1 Main Wing

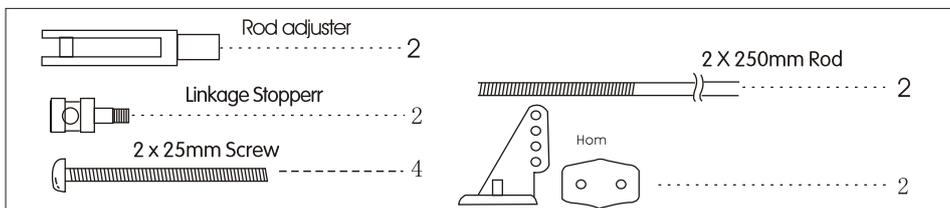
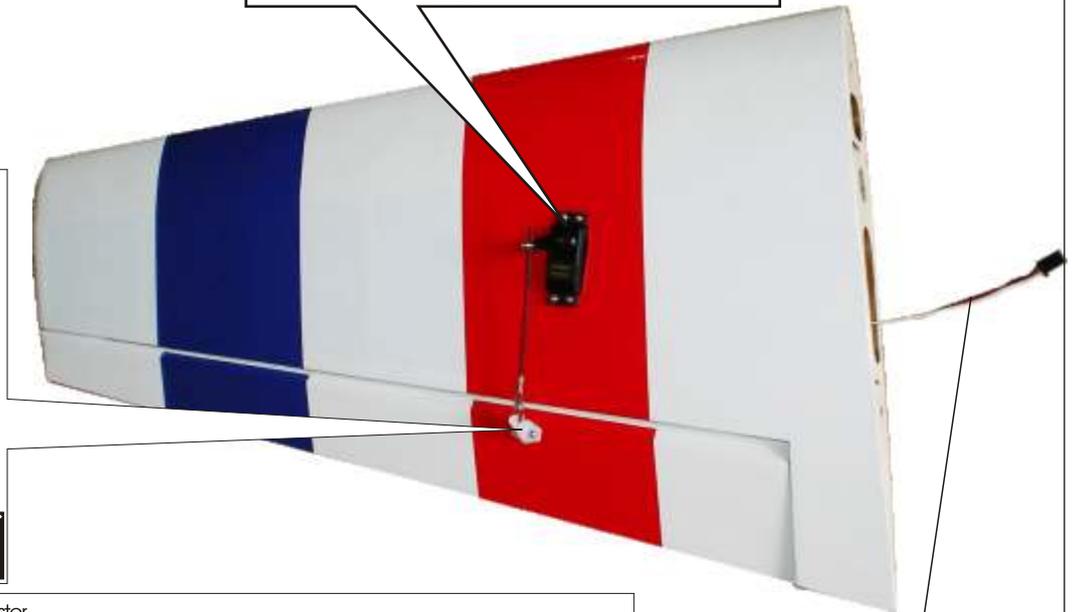
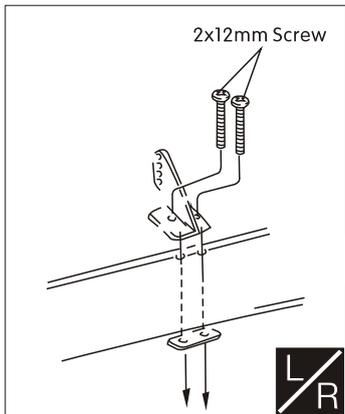
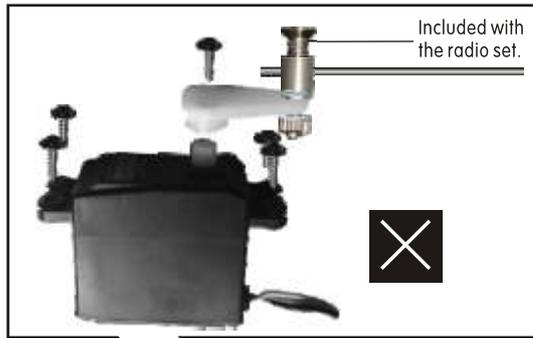
→ Wing Top



 C.A.


Be sure to apply instant type CA glue to both sides of each hinges. (Low viscosity type)

2 Main Wing Servo



3

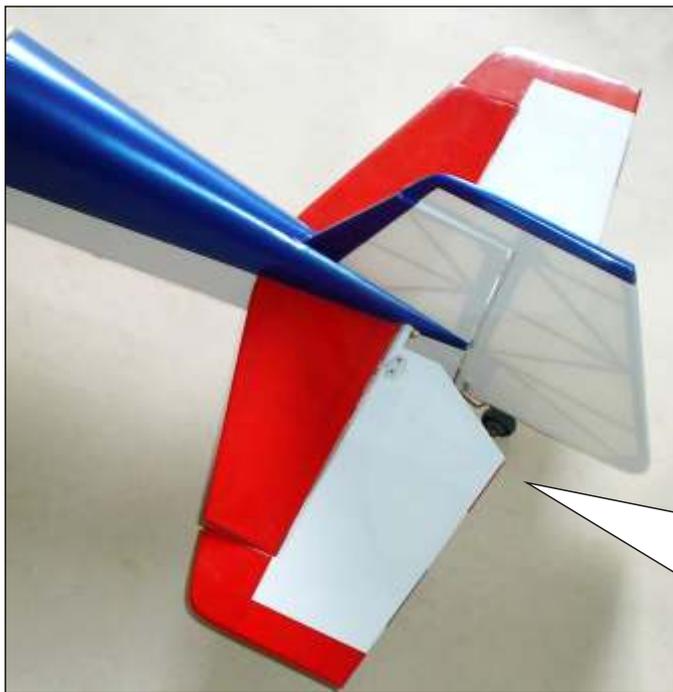
Vertical/ Horizontal Tail



 Be sure to apply instant type CA glue to both sides of each hinges. (Low viscosity type)

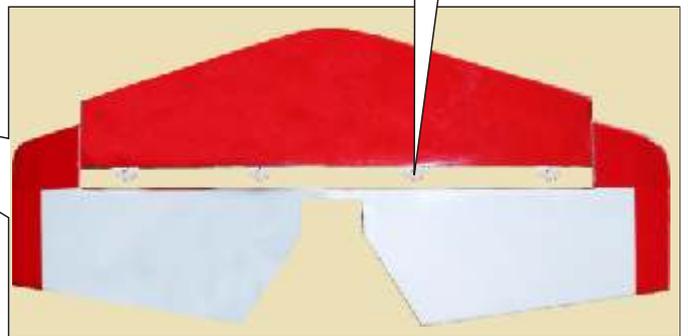


	2 X 12mm TP Screw	2
	2mm Collar	2
	Stator	1





 Be sure to apply instant type CA glue to both sides of each hinges. (Low viscosity type)



4 Front Landing Gear

M4 Washers

M4 Hexagon Nut

M4 Nut

	M4 Hexagon Nut	2
	M4 Nut	2
	M4 Washers	6
	M4 x 40mm Screw	2
	2 X8TP Screw	2

L R



M4 X10TP Screw



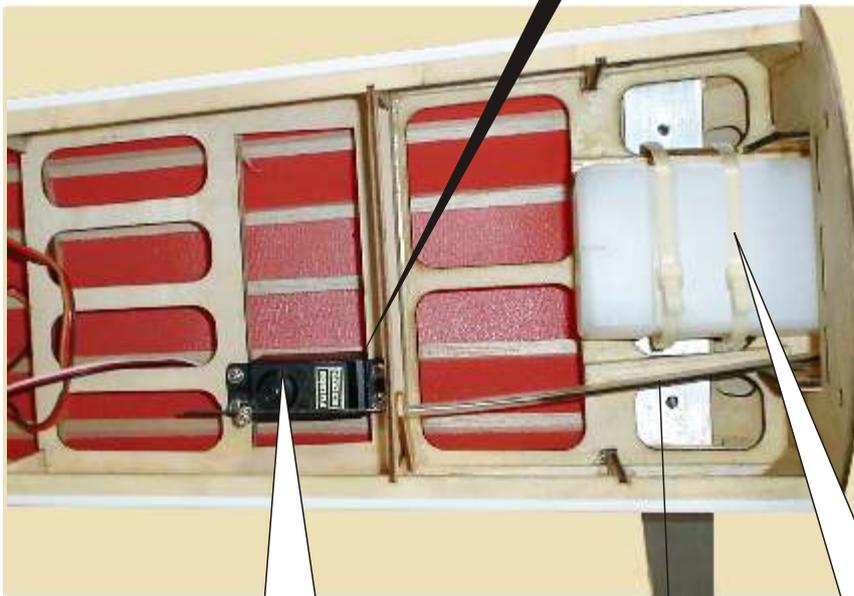
	M4 Washers	4
	M4 X10TP Screw	4

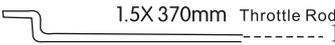


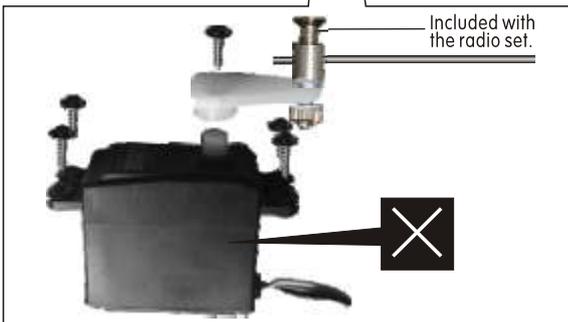
 Wood 1
 The other one is standby.

5 Servo

Throttle helm



-  1
-  1
-  1
-  1

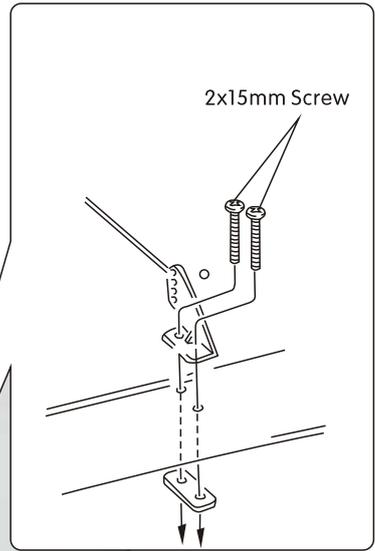
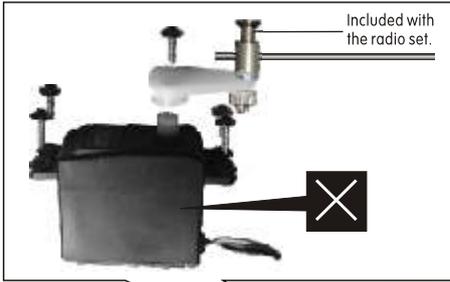


1.5X 450mm Rod



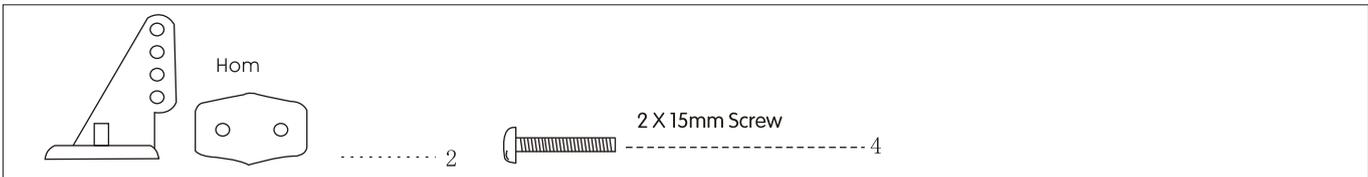
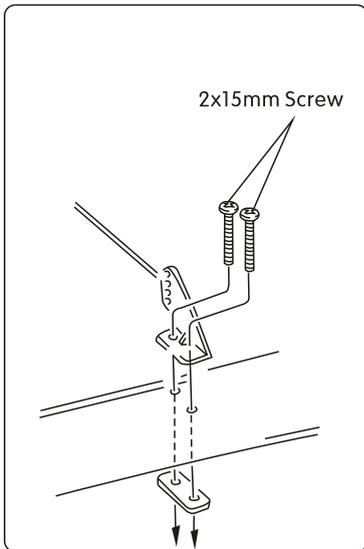
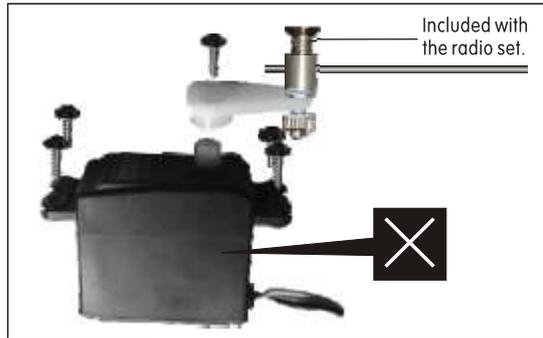
6

Vertical Tail

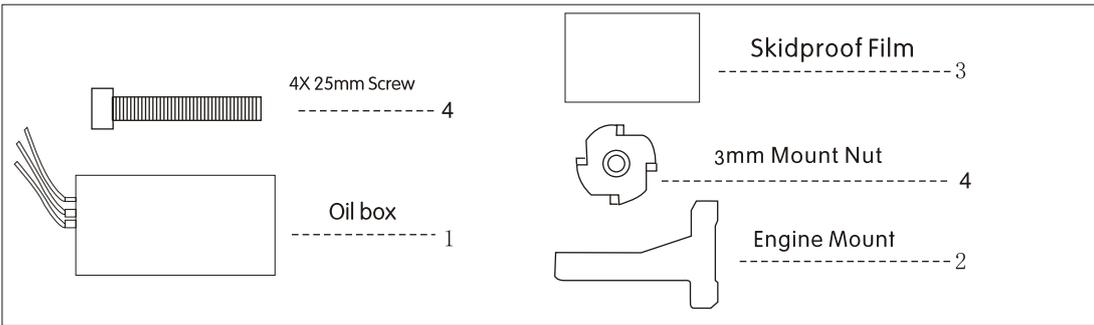
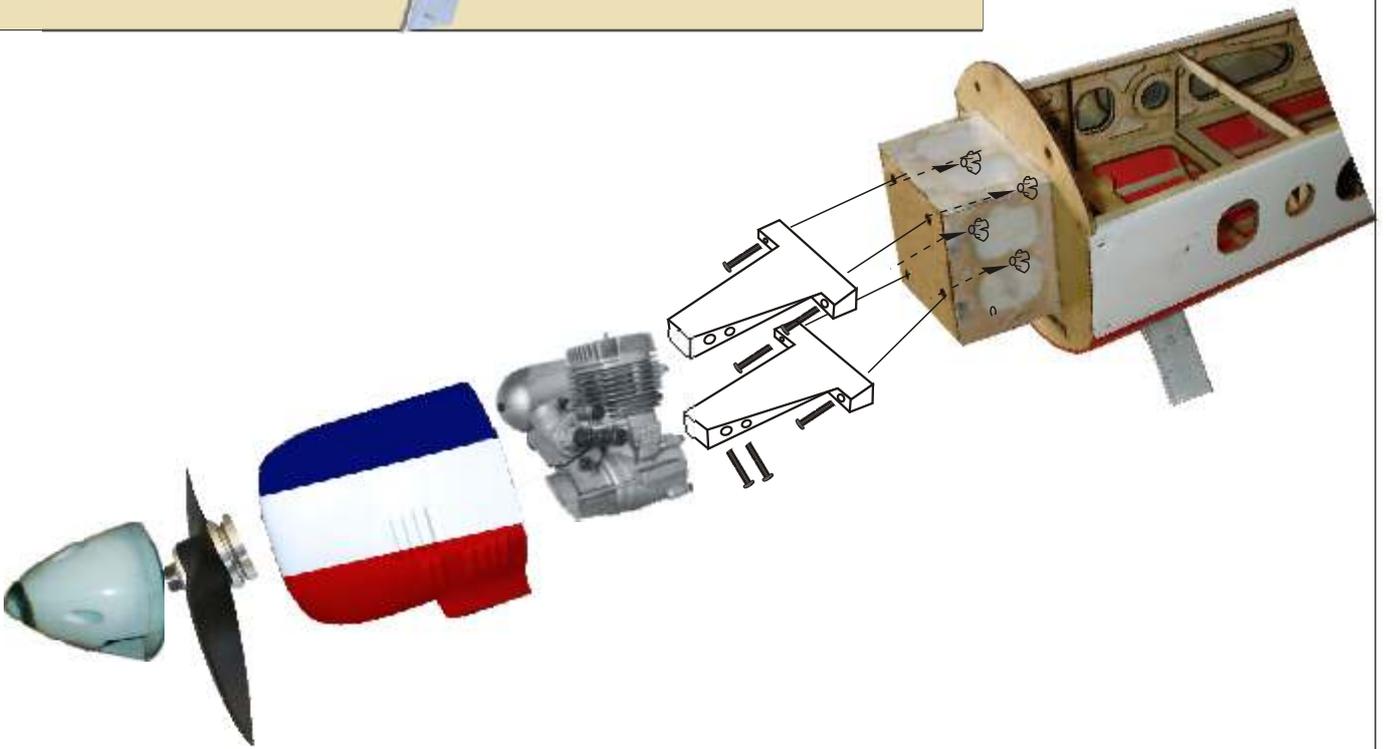


7

Horizontal Tail



8 Engine Mount



9

Controls



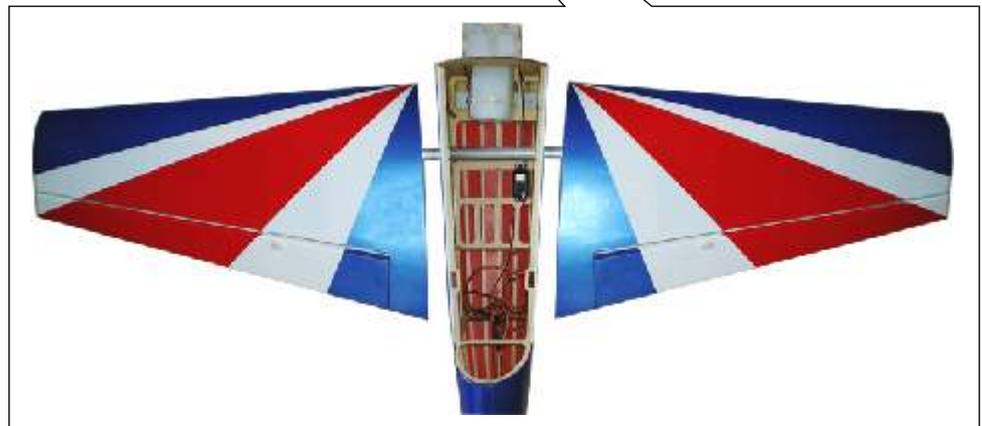
Batteries

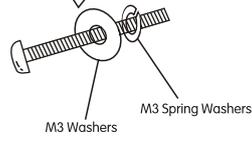


Receiver

10

Main Wing





	M3 Spring Washers	4
	M3 Washers	4
	M3 X20 Screw	4

11 Canopy

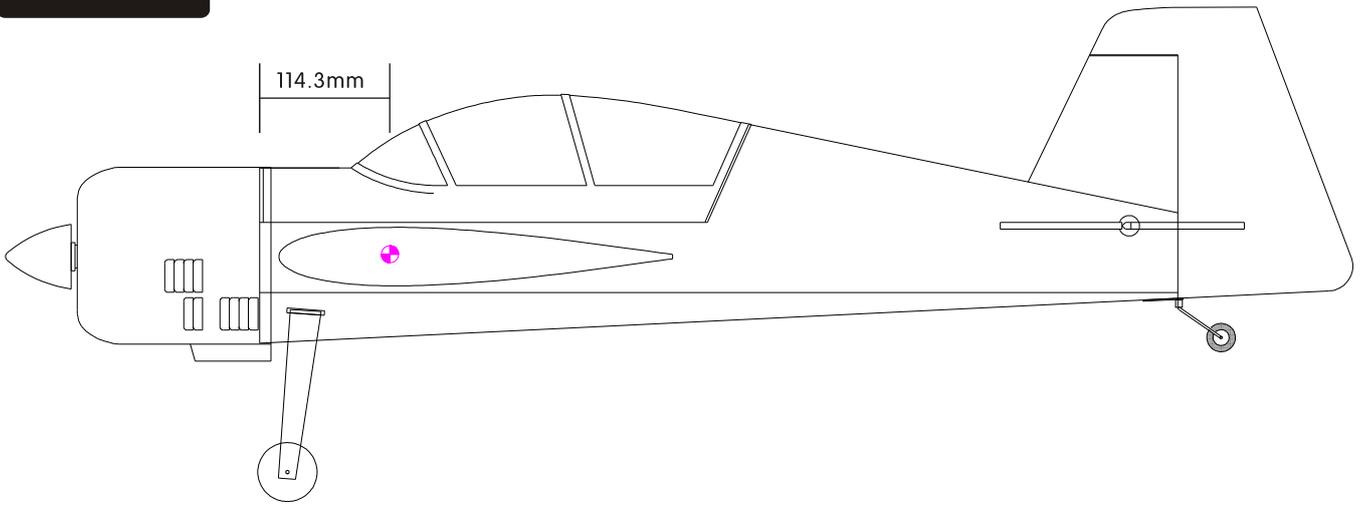


3 X15TP Screw

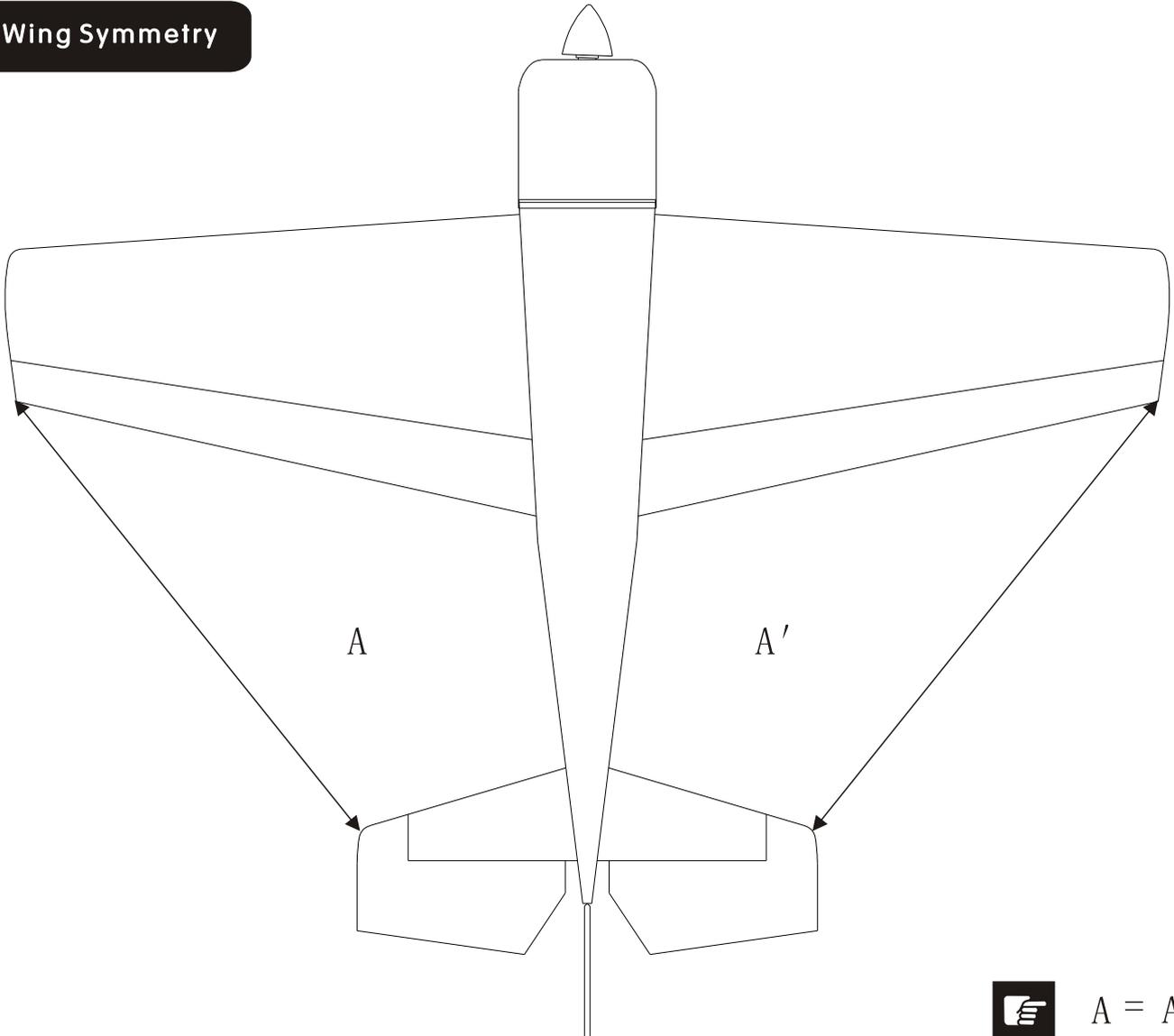


	3 X15TP Screw	2
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Center of Gravity



Wing Symmetry



$A = A'$