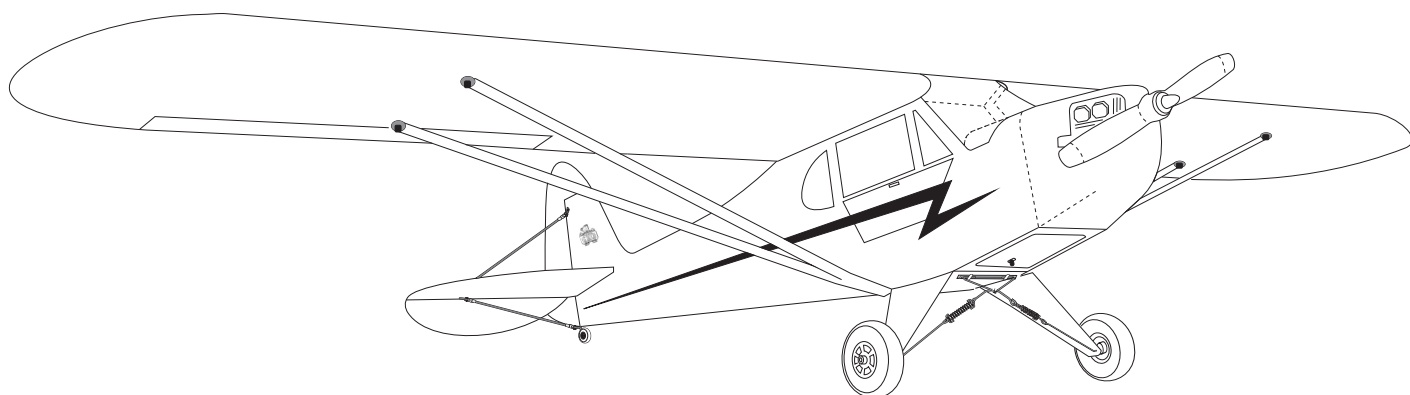


J3 cub, L4 1375 EP

Before beginning assembly, please read these instructions thoroughly.



Wingspan: 1375mm (54.14")
Length: 870mm (34.25")
Wing Area: 27.55dm² (418Sq Inch)
Weight: 850-950g (1.9-2lbs)
Motor: 350-450watts
Radio: 4 chanel , 4 servos

INSTRUCTION MANUAL

ARTF
ALMOST-READY-TO-FLY



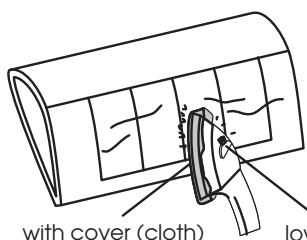
UNDER SAFETY PRECAUTIONS

This radio control model is not a toy!

- It is highly recommended that first-time builders seek advice of experienced modelers before beginning assembly.
- 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 assemble.
- Taking out liability insurance is recommended.

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

The pre-covered film on ARF kits may wrinkle due to variations of temperature. Smooth out as explained at right.



► Use an iron covered with a cloth!
Start at low setting. Increase the setting if necessary. If it is too high, you may damage the film.

ITEM REQUIRED FOR OPERATION (Not included in kit!)



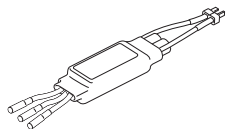
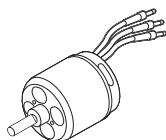
CAUTION : For details concerning the equipment listed below (size, make, etc.) check with your hobby shop.

EP version

A minimum 4 channel radio for airplanes (with 5 standard servos), and nicad or alkaline batteries are required.

4-channel (minimum) radio system for aircraft 4 servos (standard servos). Please be sure to use servos with enough torque (3.0 - cm minimum).

■ Y-Harness 2pcs



■ Suitable Outer Rotor Motor.

Motor : KV / 600~900

■ Use outer rotor motor power between 350~450 w

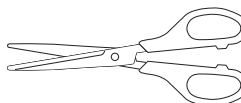
■ ESC More than 30A

TOOLS REQUIRED (Purchase separately!)

■ File



■ Scissors



■ Phillips screwdrivers (size: L, M, S)



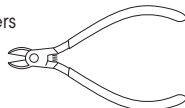
■ Sharp Hobby Knife



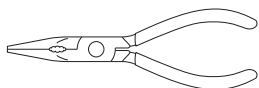
■ Hex Wrench (2, 2.5, 3mm)



■ Cutters Pliers

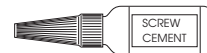


■ Long Nose Pliers



■ Drill,Bits (2,3,4,6mm)

■ Thread locker Cement



BEFORE YOU BEGIN

accepts no responsibility for accidents, damage or breakage if other manufacturers parts are used.

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 part, contact your local dealer or our VMARSHOP.

3 Symbols used throughout this instruction manual, comprise:



Pay attention here!



Ensure smooth, non-binding movement when assembling.



Cut off excess.



Drill holes with the specified diameter.



Must be purchased separately!



Apply threadlocker (screw cement).



Assemble in the specified order.



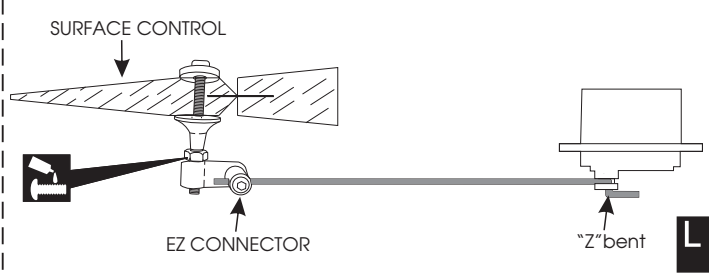
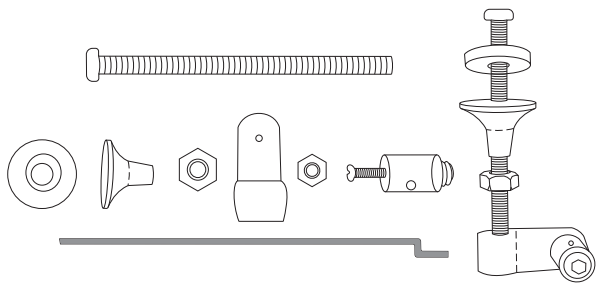
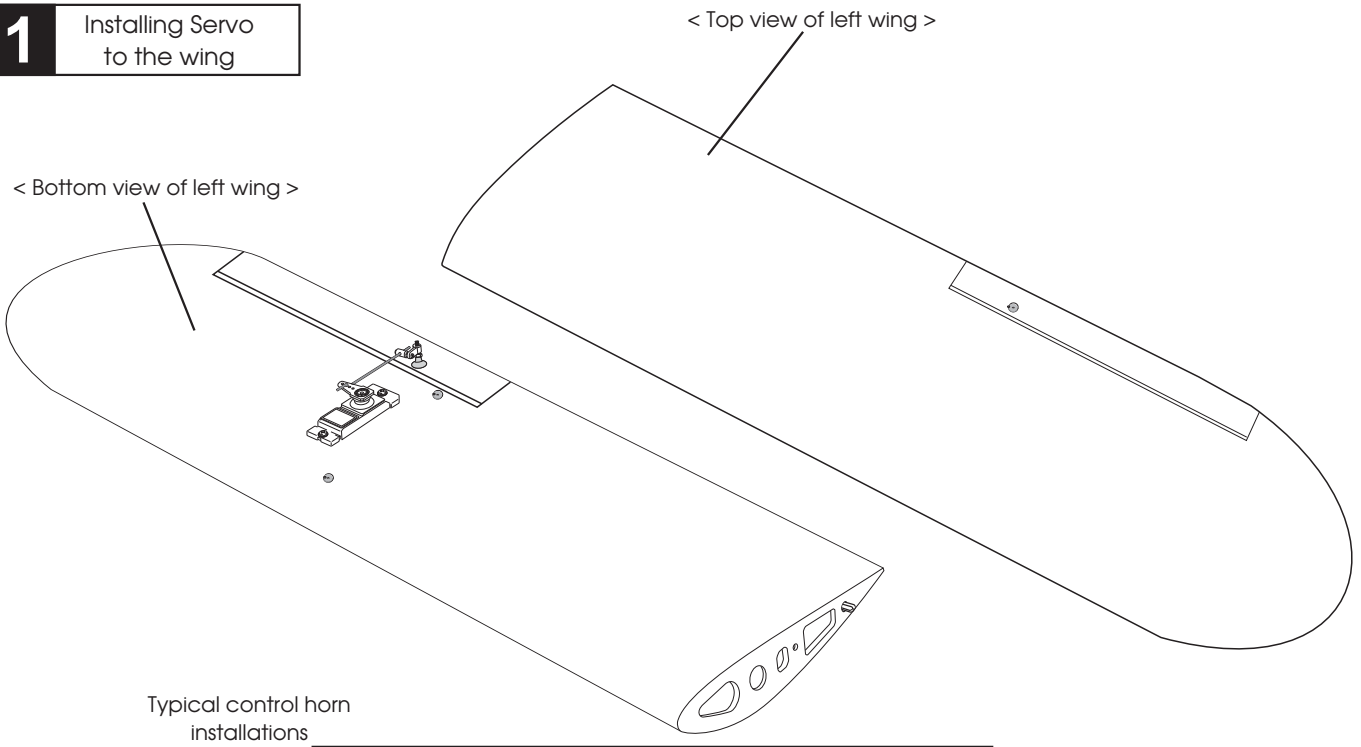
Assemble left and right sides the same way.



Warning!

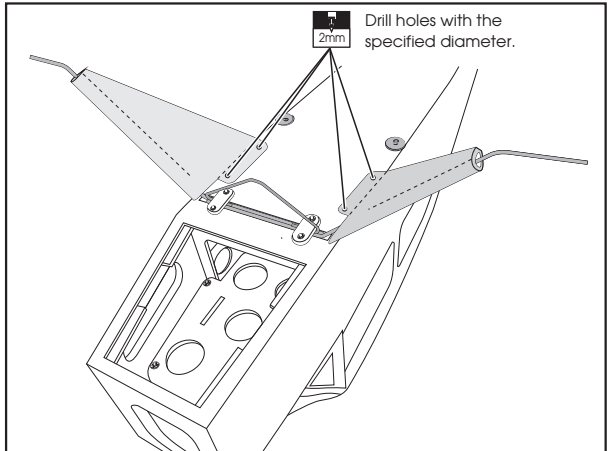
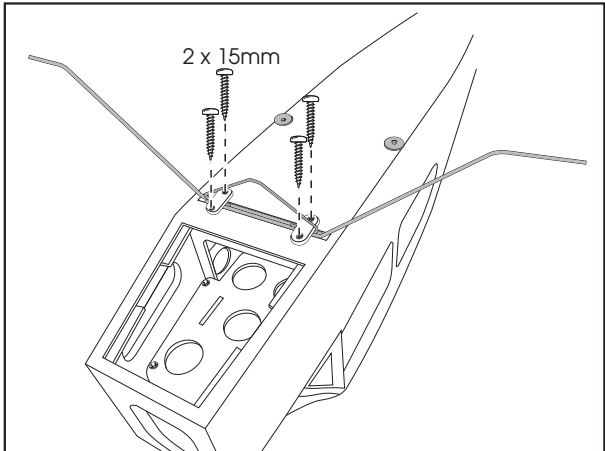
● Do not overlook This symbol!

1 Installing Servo to the wing

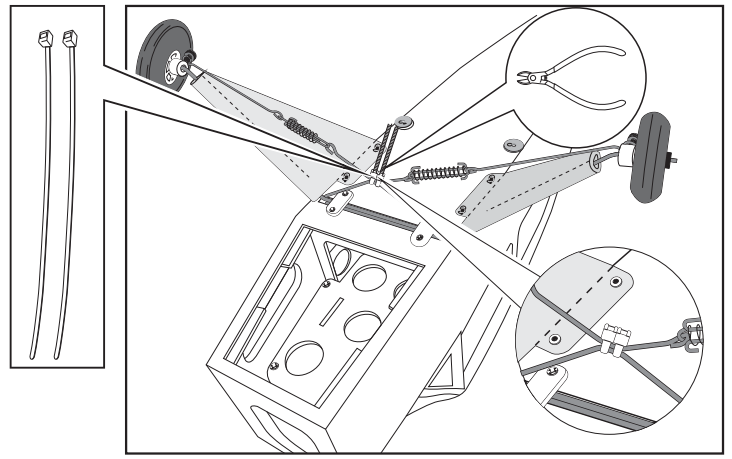
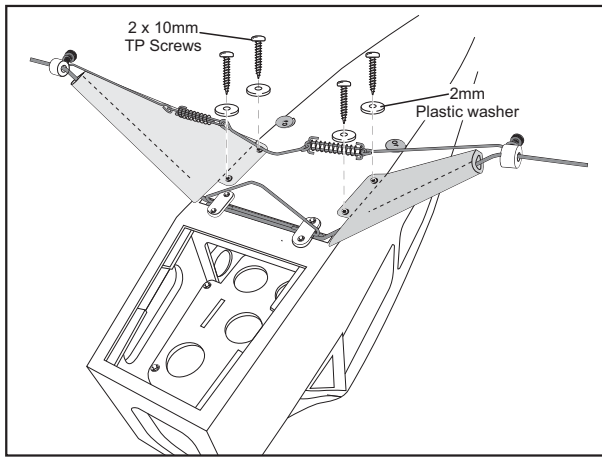


2 Assembly landing gear

- 2 x 15mm TP Screw ----- 4
- 2 x 10mm TP Screw ----- 4
- 2mm Plastic washer ----- 4

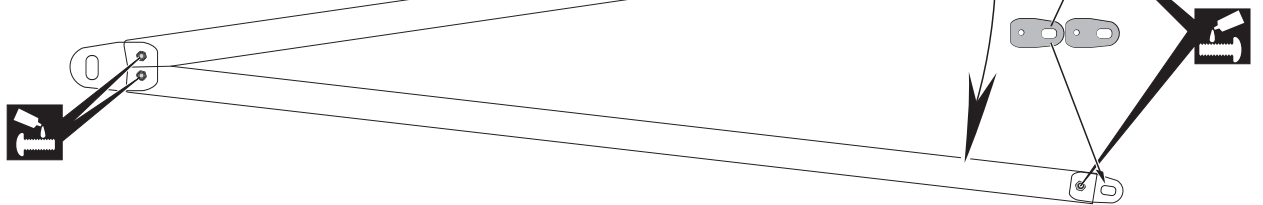
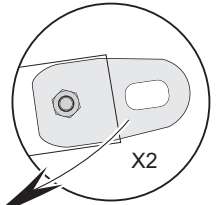
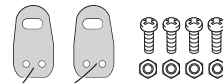
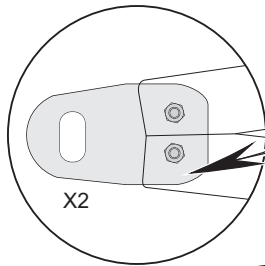
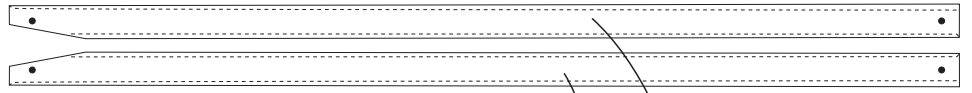


- Cut off shaded portion.
- 2mm Drill holes with the specified diameter.
- Assemble left and right sides the same way.
- Pay close attention here!
- Must be purchased separately!
- Assemble as many time as specified.



3 Assembly wing struts

- 2 x 10mm TP Screws 8
- 2mm Nut 8



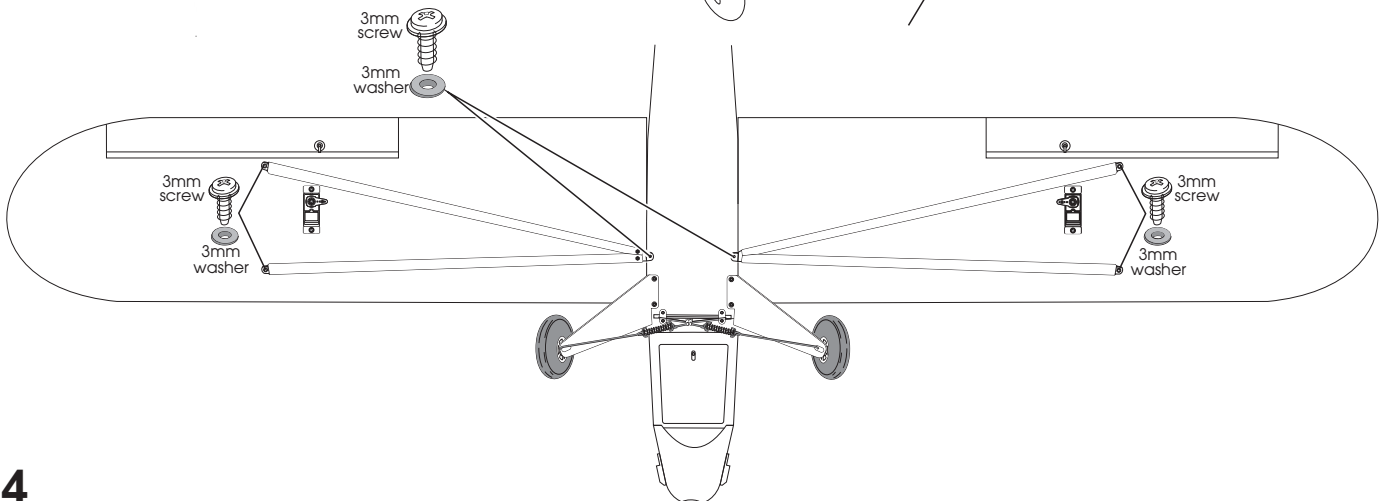
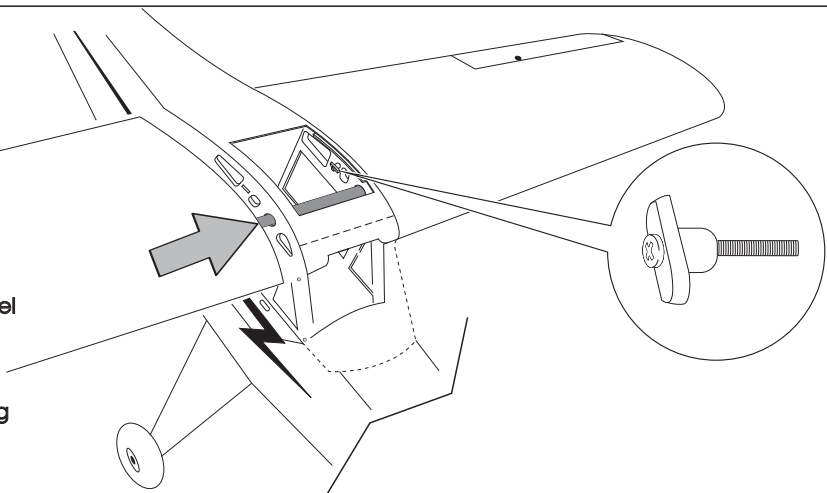
4 Install the wing to the fuselage

NO GLUE NEEDED FOR THIS ASSEMBLY

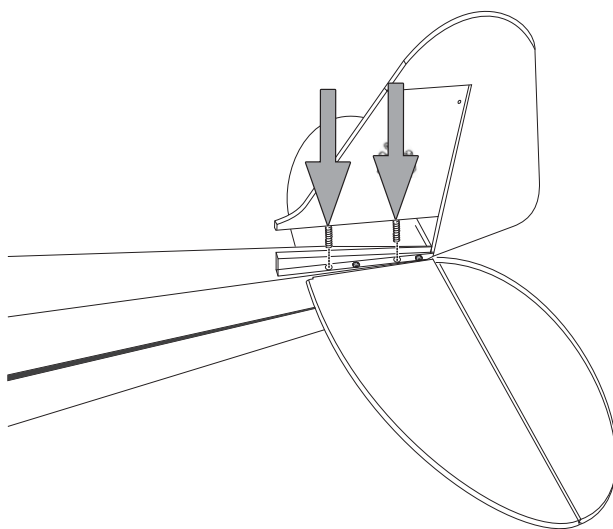
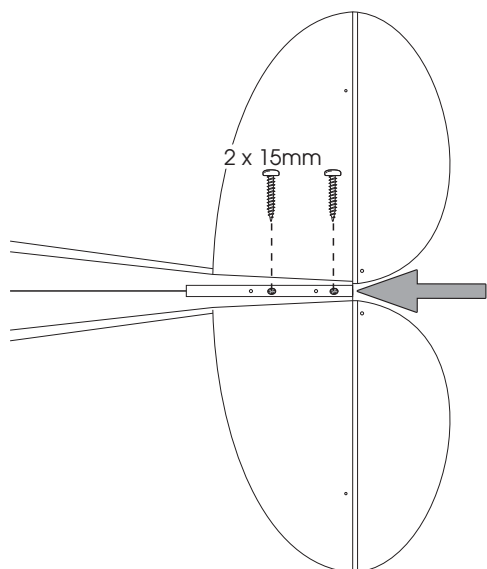
Aluminum wing joiner tube
size 9mm diameter and 330mm long








1. Insert the wing tube onto right wing panel the tighten with the wing bolt to secure to the fuselage
2. same procedure the secure the left wing panel to the fuselage

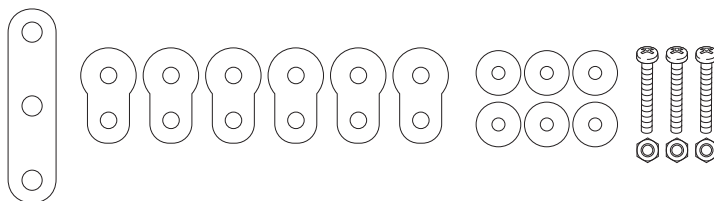
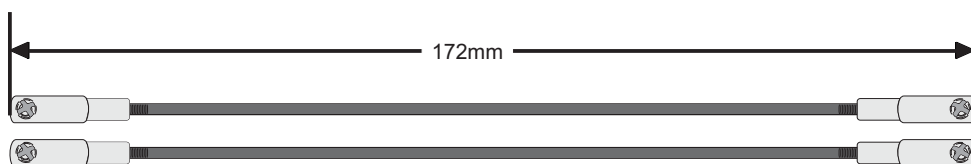
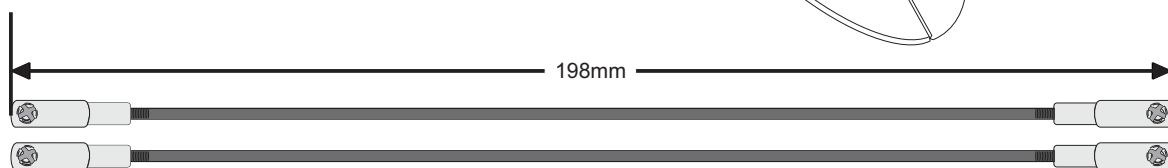
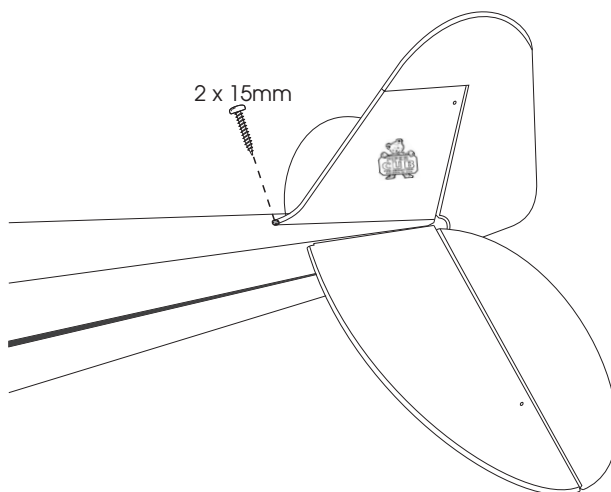


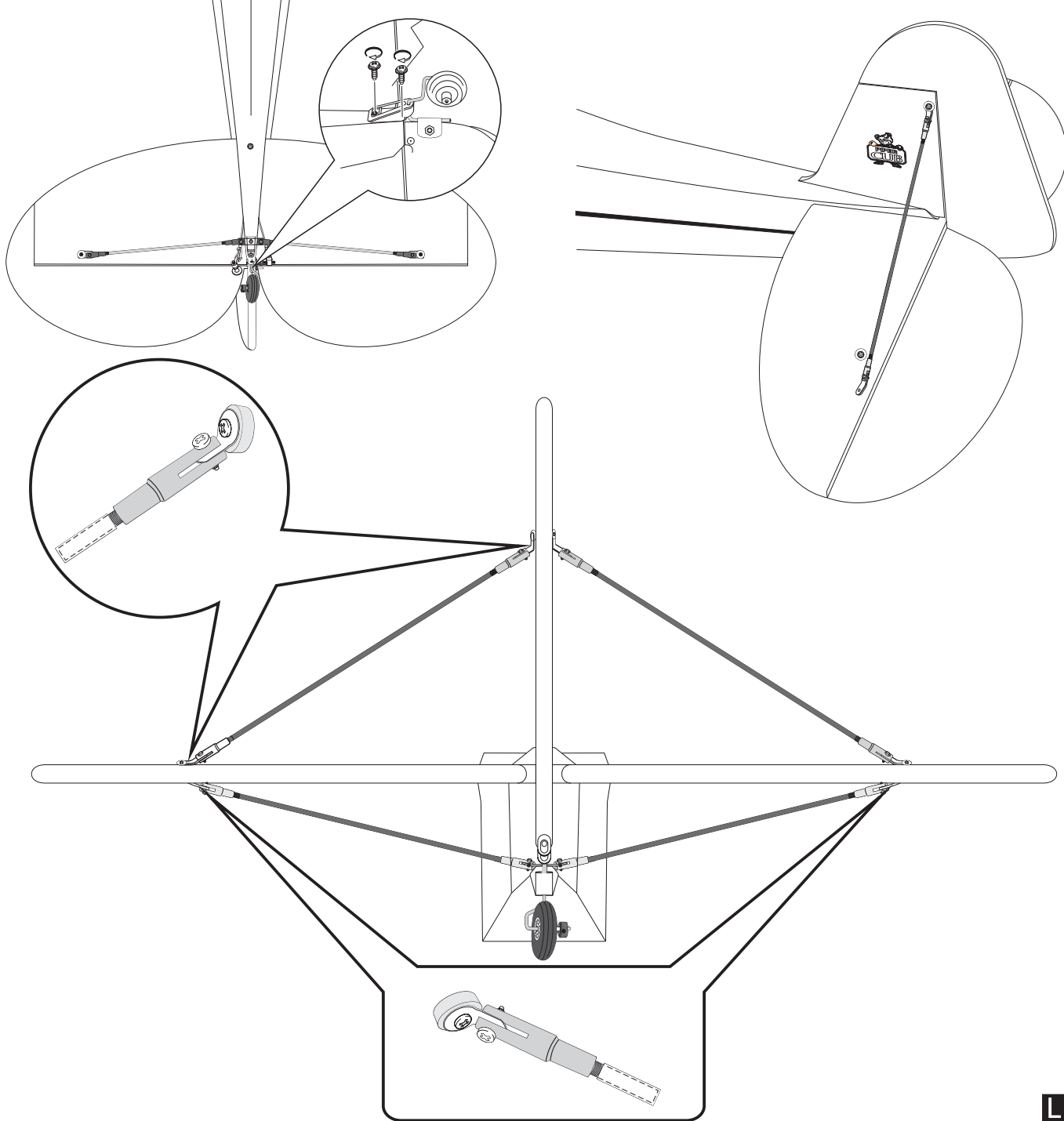
5 Install the horizontal and vertical stab to the fuselage



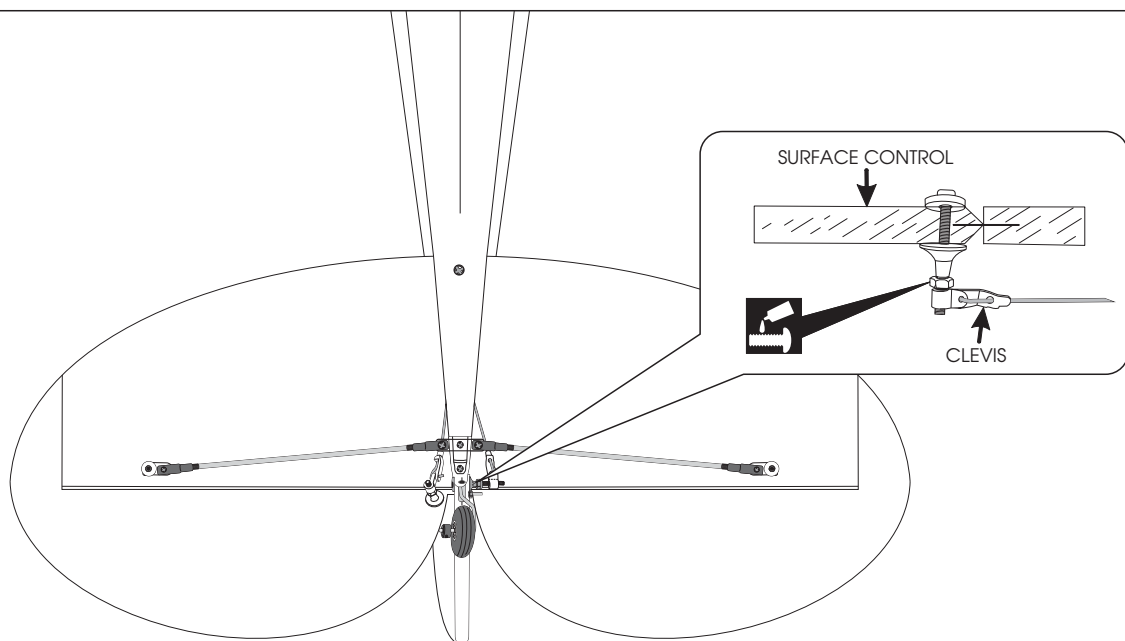
6 Assembly tail struts

-  Plastic parts 1
-  Plastic parts 6
-  2mm Wooden washer 6
-  2 x 15mm 3
-  2mm nut 3

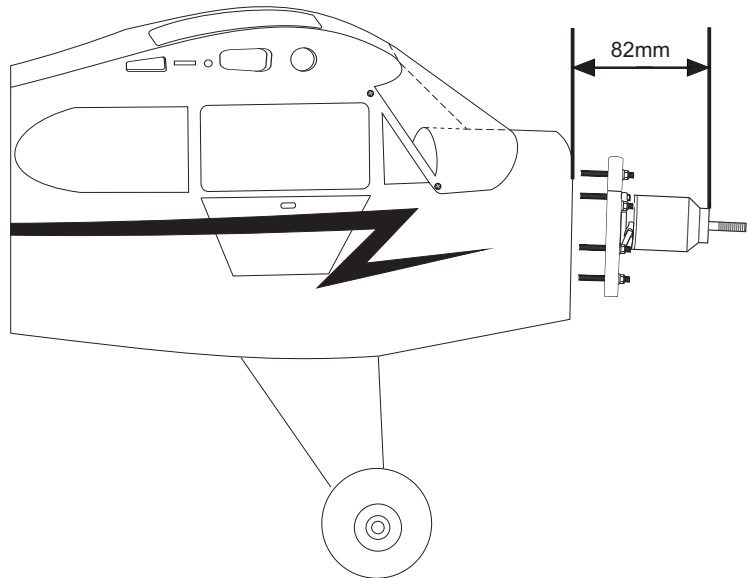
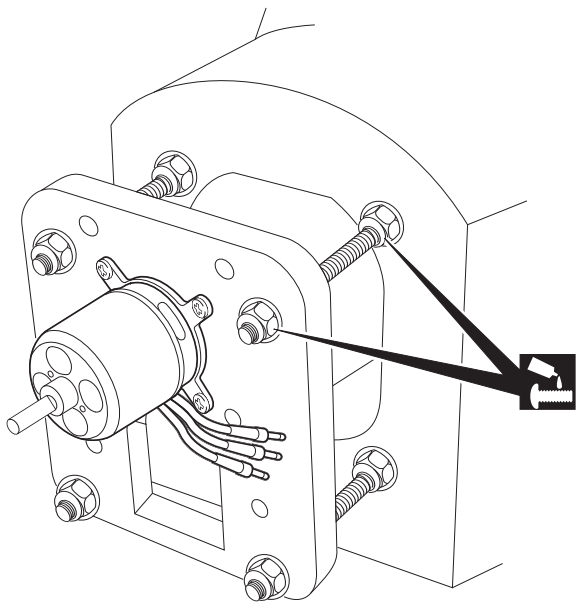





L R

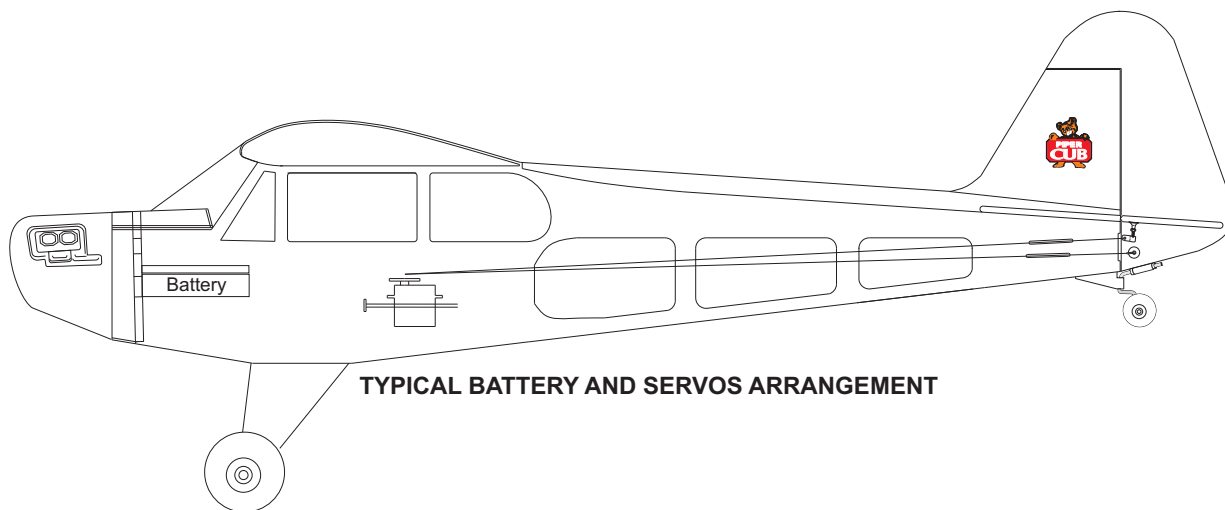
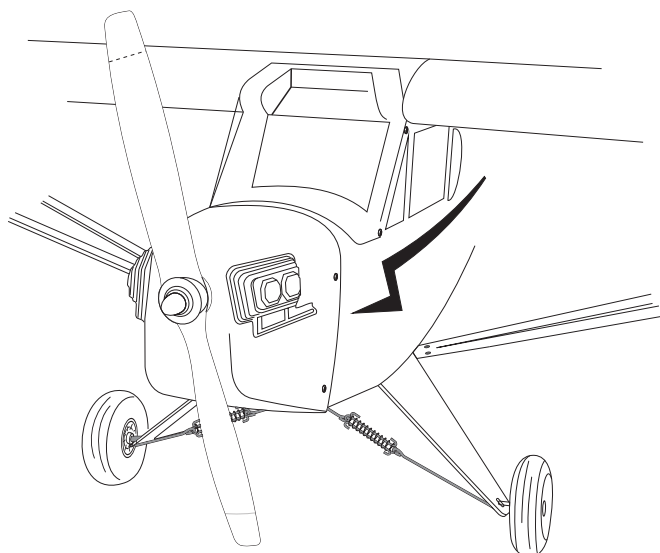
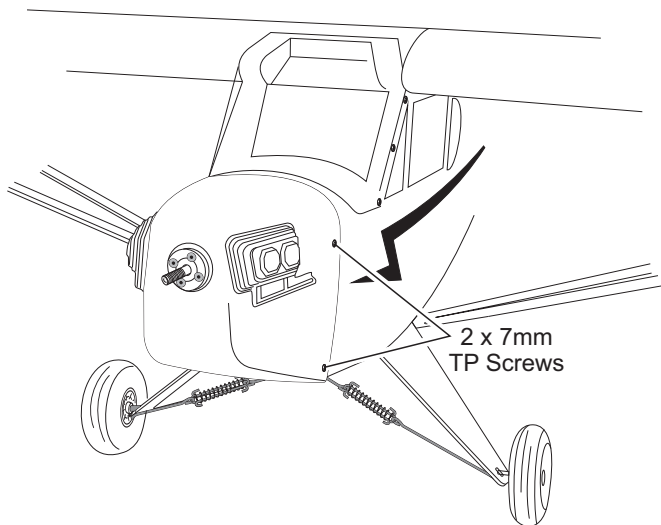


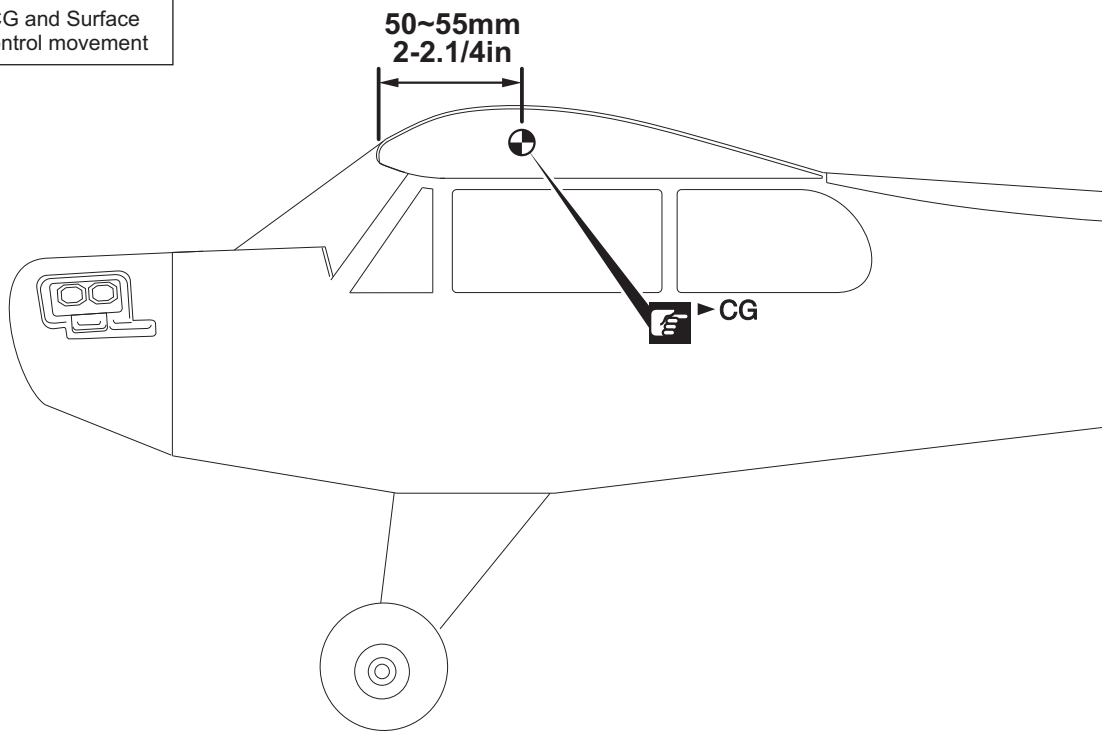
7 Install the motor



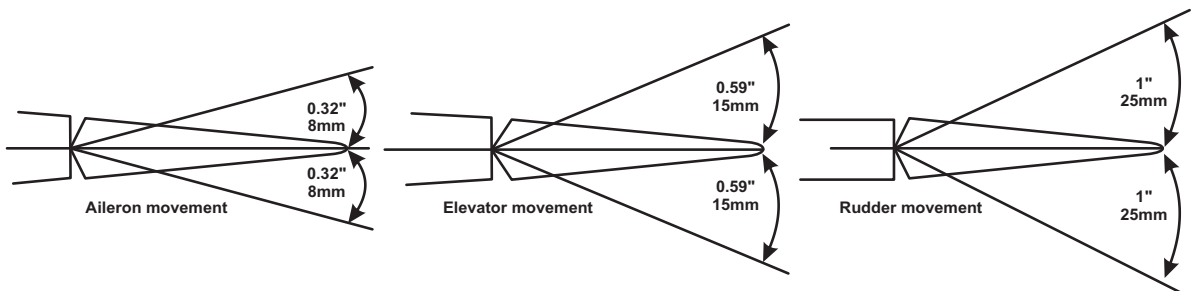
8 Install the cowl and propeller

2 x 7mm TP Screws
 ----- 4

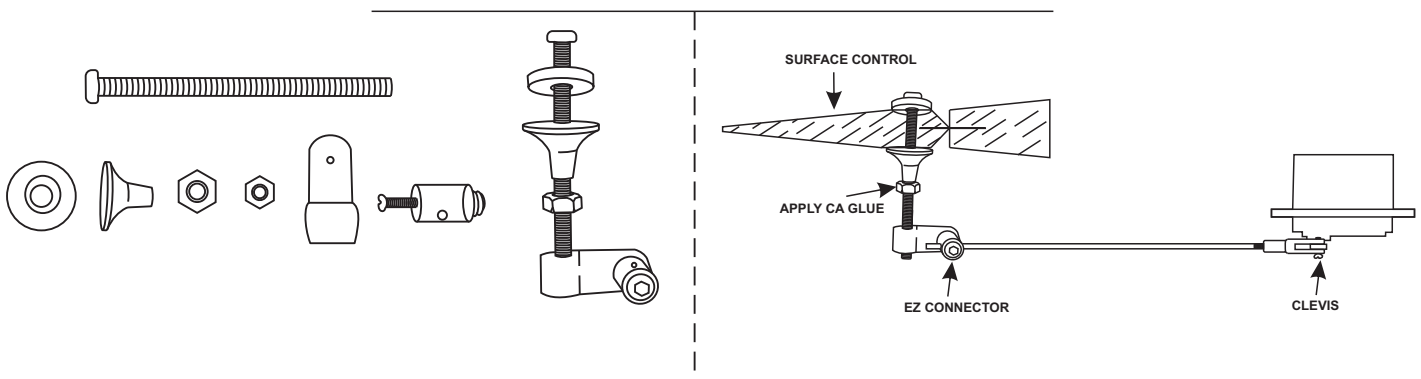




SURFACE CONTROL MOVEMENT



| | High rate | Low rate |
|-----------------|--|---|
| ELEVATOR | 0.59" (15mm) up 0.59" (15mm) down | 0.4" (10mm) up 0.4" (10mm) down |
| RUDDER | 1" (25mm) right 1" (25mm) left | 0.8" (20mm) right 0.8" (20mm) left |
| ALERON | 0.32" (8mm) up 0.32" (8mm) down | 0.24" (6mm) up 0.24" (6mm) down |



TYPICAL CONTROL HORN INSTALLATION