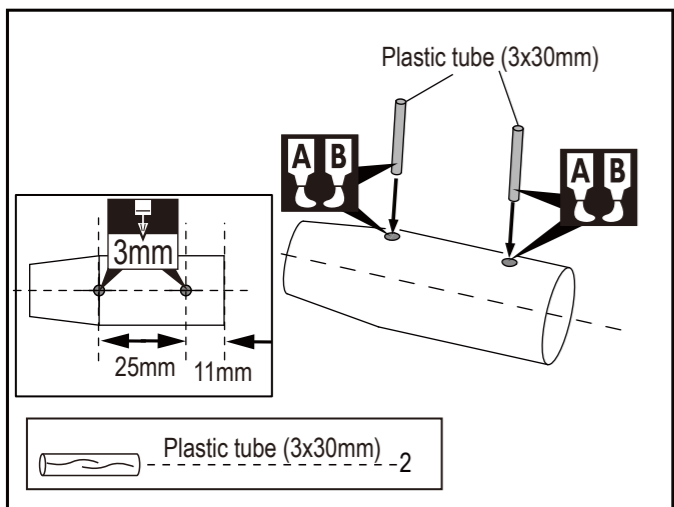
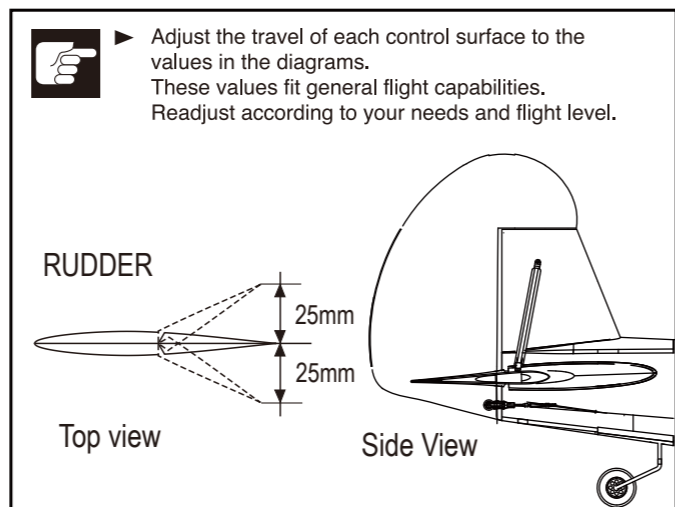


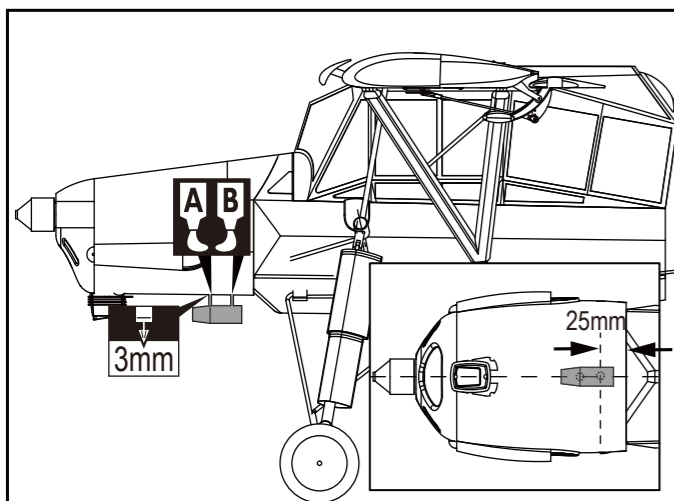
73 Drill holes to appropriate position in the fairing of the cowl and epoxy the wood dowel in them.



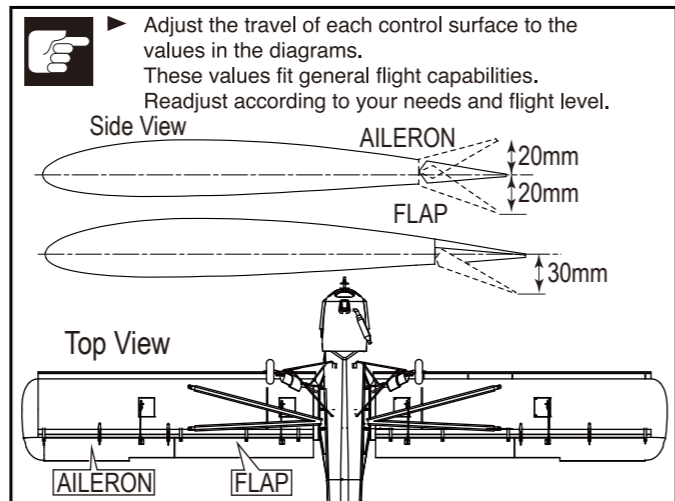
76 Adjustment.



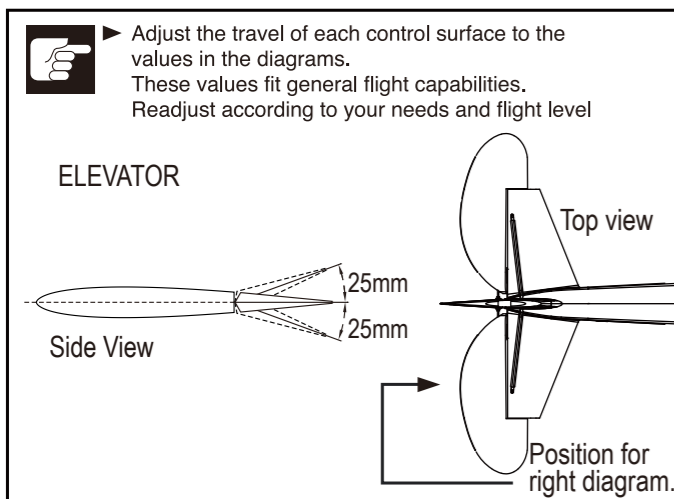
74 Drill holes to the relevant position in the cowl and epoxy the cowl fairing to the cowl as below.



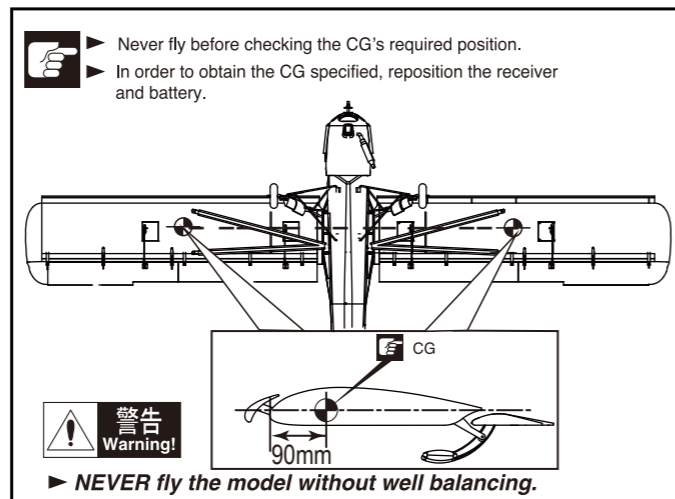
77 Adjustment.



75 Adjustment.



78 Centre of Gravity.



Before start , please carefully read the explanations!

Fieseler Fi 156 Storch



Specification:

Length	:1614 mm(63.5")
Wing Span	:2362 mm(93")
Wing Area	:61.68 sq. dm 6.64 sq. ft
Wing Loading	:116.7 g/sq. dm 38.3 oz/sq. ft
Flying Weight	:7.2 kg(15.8 lbs)
Radio	:6ch&7servos
Engine	:120 4-cycle

INSTRUCTION MANUAL



SAFETY PRECAUTIONS

This R/C airplane is not a toy!
(The people under 18 years old is forbidden from flying this model)

First-time builders should seek advice from people having building experience. If misused or abused, it can cause serious bodily injury and damage to property.

Fly only in open areas and preferably at a dedicated R/C flying site. We suggest having a qualified instructor carefully inspect your airplane before its first flight. Please carefully read and follow all instructions included with this airplane, your radio control system and any other components purchased separately.

Apply epoxy glue.
 Assemble left and right sides the same way.
 Pay close attention here!
 Do not overlook this symbol!

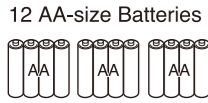
Apply instant glue (CA glue, super glue).
 Ensure smooth non-binding movement while assembling.
 Cut off shaded portion.
 Warning!

REQUIRED FOR OPERATION (Purchase separately!)

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

1 A minimum 6 channel radio for airplanes (with 7 servos), and dry batteries.

CAUTION: Only use a minimum 6 channel radio for airplanes! (No other radio may be used!)
6 channel radio for airplane is highly recommended for this model.



A minimum 6 channel transmitter for airplanes.

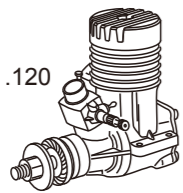
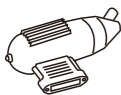


For handling the radio properly, refer to its instruction manual.

2 Engine and Muffler

Model Airplane Engine 4-cycle .120

Muffler



Glow Plug



3 Propeller Spinner

Purchase a propeller that will match your engine.



Spinner nut



15"X7

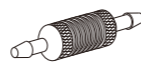
4 Sponge Sheet



Silicone Tube



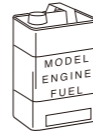
Fuel Filter



5 Required for engine starting:

WARNING: Normal gasoline cannot be used with glow engines.

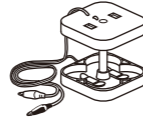
Glow engine fuel only.



Fuel Pump



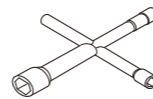
Booster Cord



4 D-size Batteries



Plug Wrench

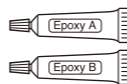


6 Glue

Instant Glue

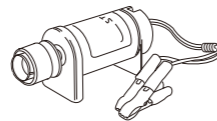


Epoxy Glue

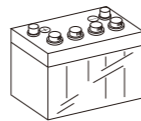


7 Other equipment for enhancing airplane operation & performance

Engine Starter



12V Battery (for starter)



9 Optional parts: rubber wheel with metal hub.

TOOLS REQUIRED (Purchase separately!)

Sharp Hobby Knife



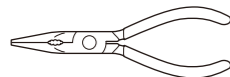
Phillips Screw Driver (l, m, s)



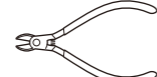
Awl



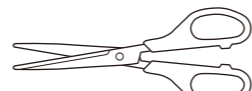
Needle Nose Pliers



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:

4 We strongly recommend you use the thread lock for all the screws when you build your model.

AB Apply epoxy glue.



Drill holes with the specified diameter (2mm).



Cut off excess.



Pay close attention here!



Assemble left and right sides the same way.

CA Apply instant glue (CA glue, super glue).



Cut off shade portion.



Ensure smooth non-binding movement while assembling.



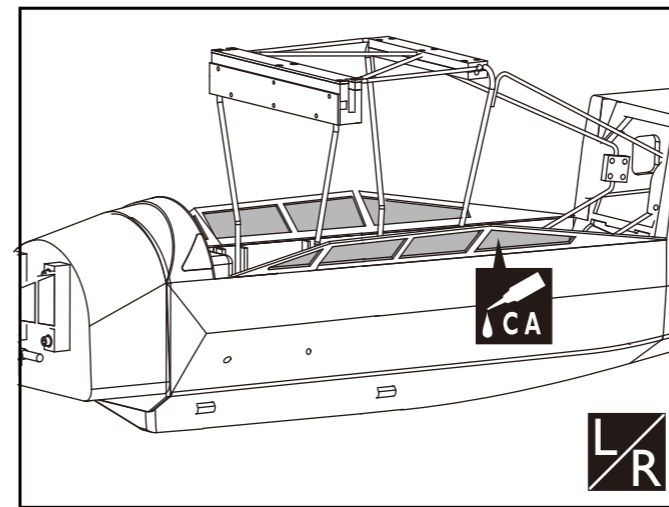
Must be purchased separately!

Do not overlook this Symbol!



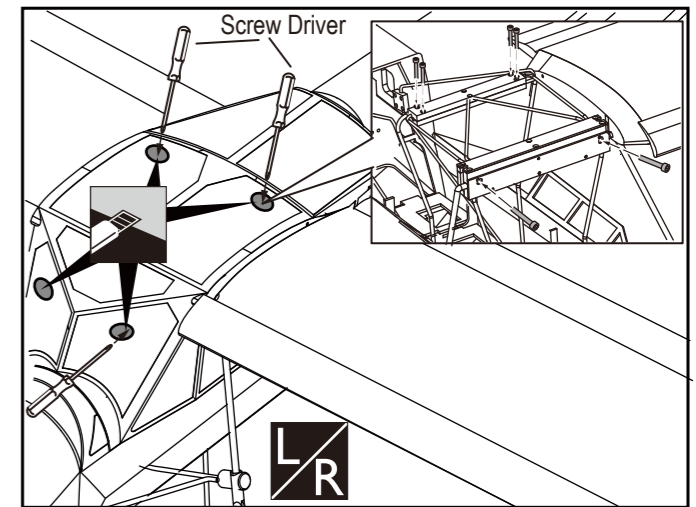
67

Glue the trimmed PVC parts to the relevant position in the fuselage one by one carefully with CA glue.



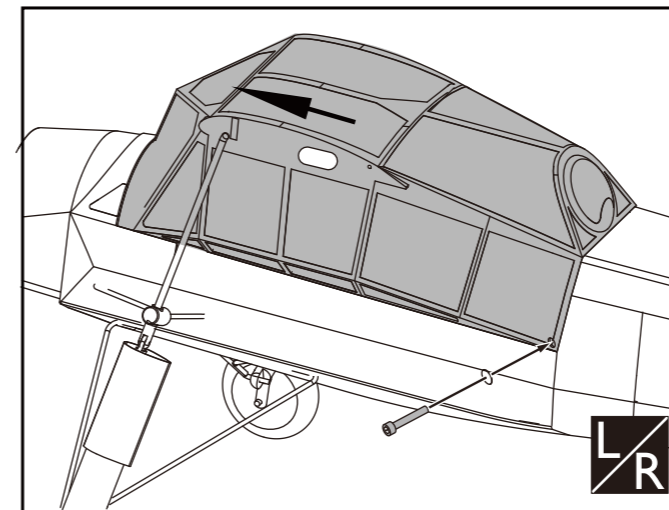
70

Trim small holes to relevant position in the cockpit for fixing the wings.



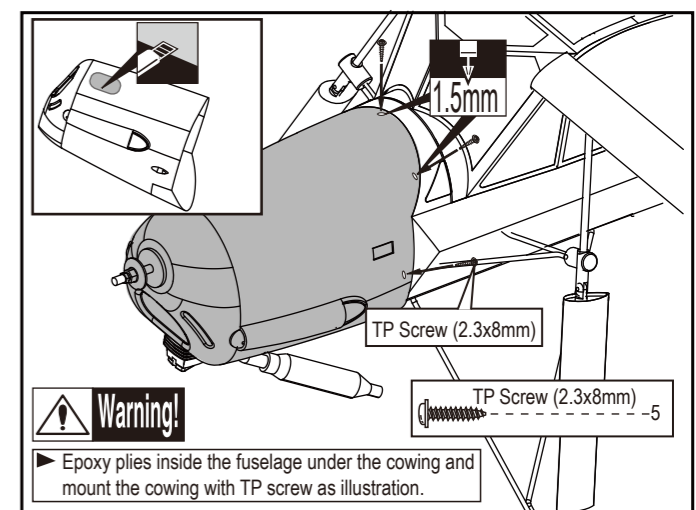
68

Assemble the cockpit to the fuselage with screw.



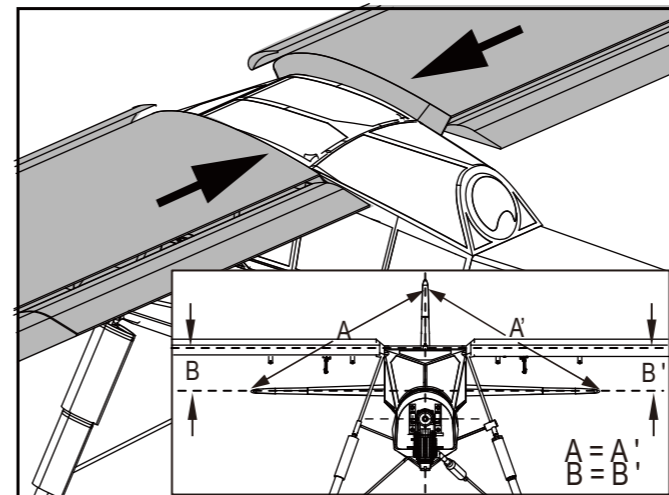
71

Trim holes in the cowl for the engine muffler. Assemble the cowling.



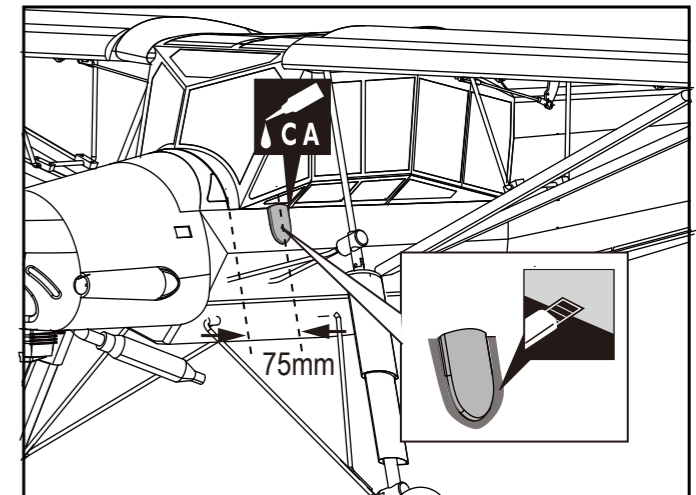
69

Assemble the wing to the fuselage until it get to the right position as the referent illustration below.



72

Trim this PVC parts carefully along the shaded line and glue it to appropriate position on the fuselage as illustration.



AB Apply epoxy glue.

LR Assemble left and right sides the same way.

€ Pay close attention here!

CA Apply instant glue (CA glue, super glue).

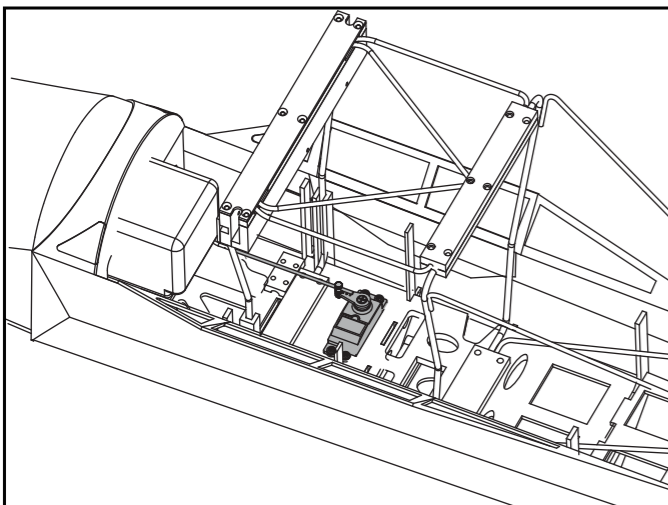
→ Ensure smooth non-binding movement while assembling.

☒ Cut off shaded portion.

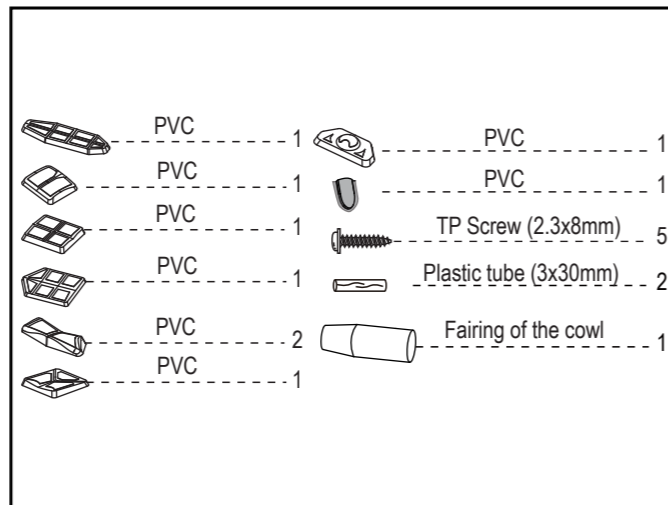
Do not overlook this symbol!



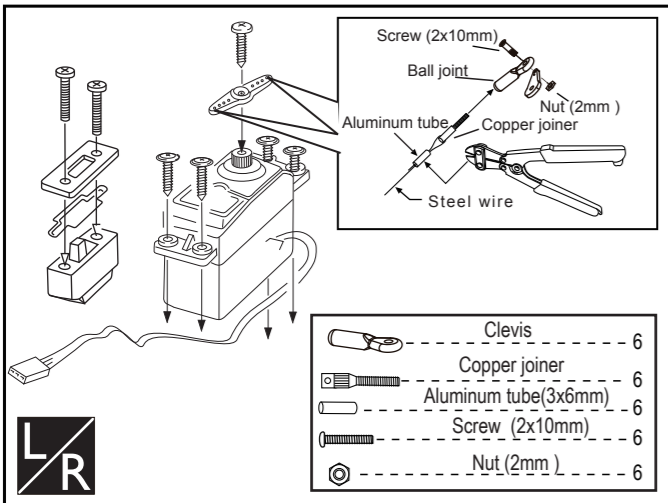
62 Assemble the servo to fuselage.



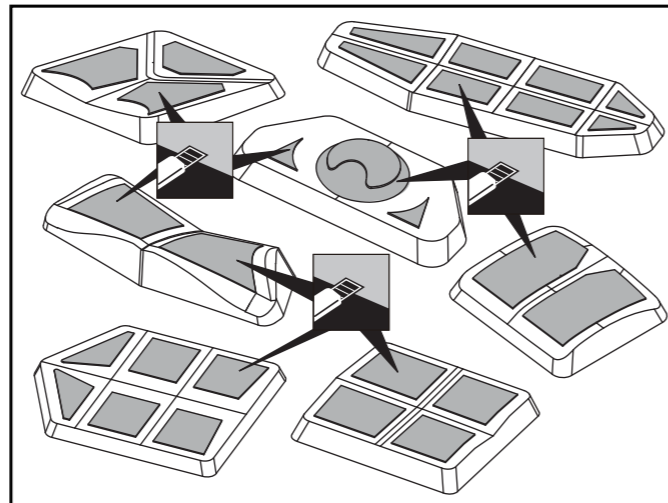
Accessory list for the coming installation steps.



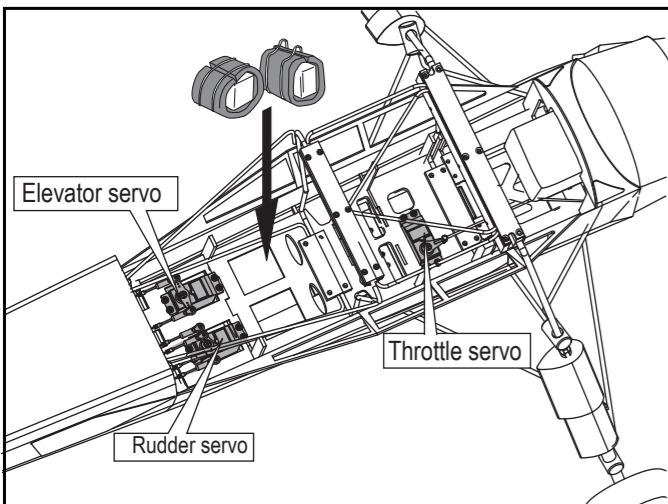
63 Install the rudder servo and the elevator servo.



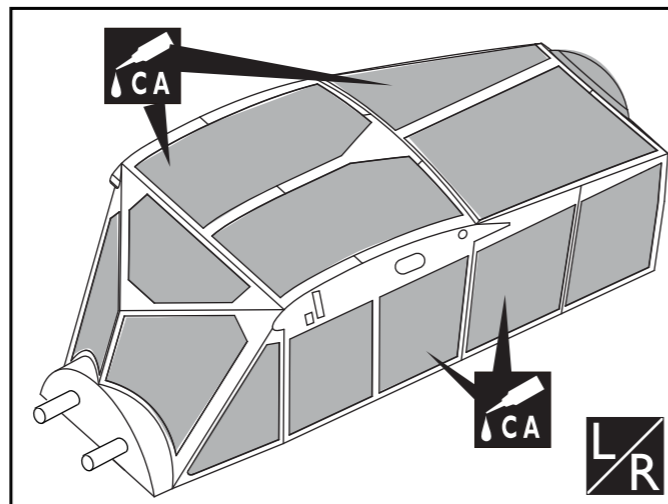
65 Cut the PVC parts off carefully along the shaded line.



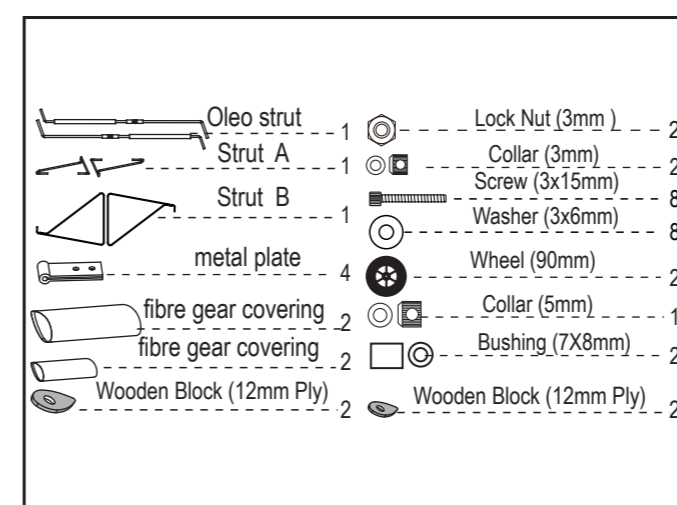
64 The sketch map when the servos install completion. Mounting of the receiver and the battery.



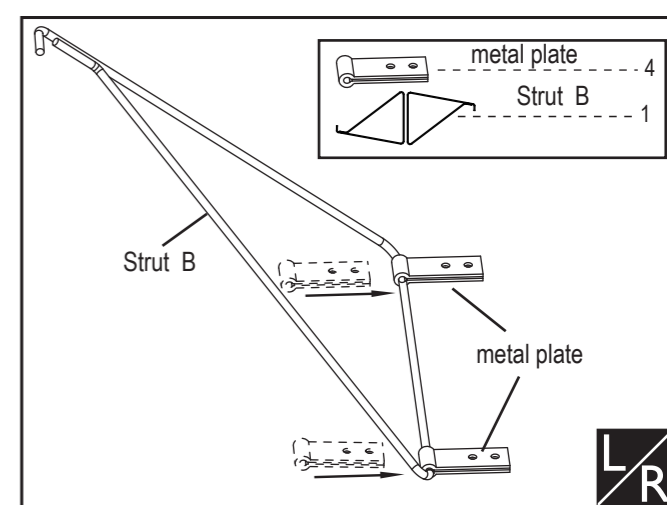
66 Glue the trimmed PVC parts to relevant position in the cockpit one by one with CA glue.



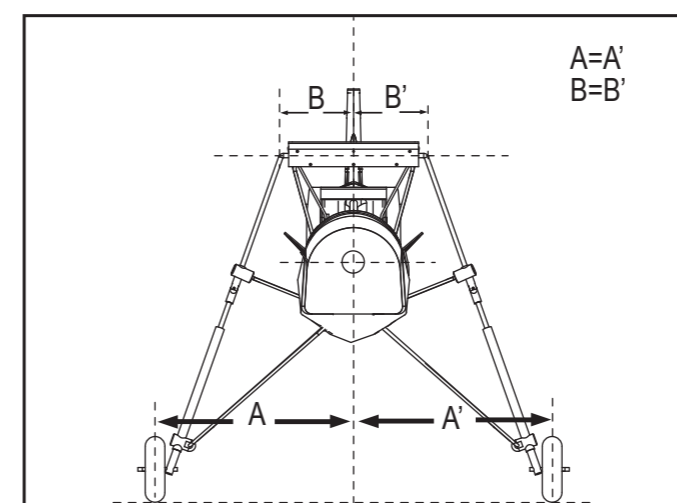
Accessory list for the coming installation steps.



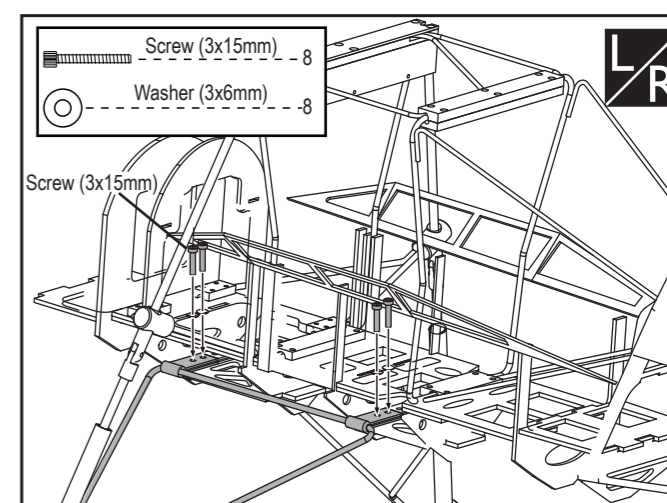
3 Assemble the metal plates to the strut B.



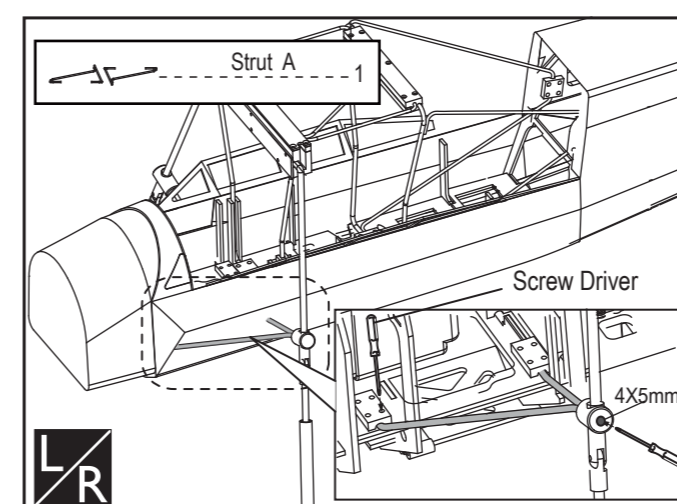
1 The front view when the landing gear assembled completion.



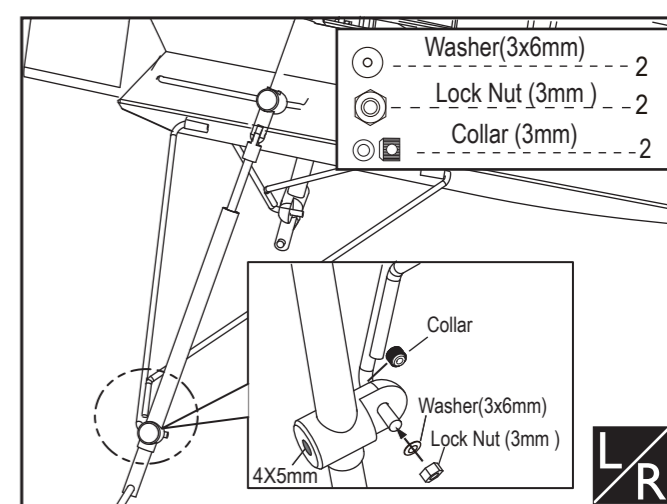
4 Assemble the metal plates to appropriate position in the fuselage with screws.



2 Fix the strut A to appropriate position in the fuselage and the oleo struts tightly as illustration.



5 Fix the other side of the strut B to the oleo strut as illustration.



Apply epoxy glue. Assemble left and right sides the same way. Pay close attention here!

Apply instant glue (CA glue, super glue). Ensure smooth non-binding movement while assembling. Cut off shaded portion.

Do not overlook this symbol!

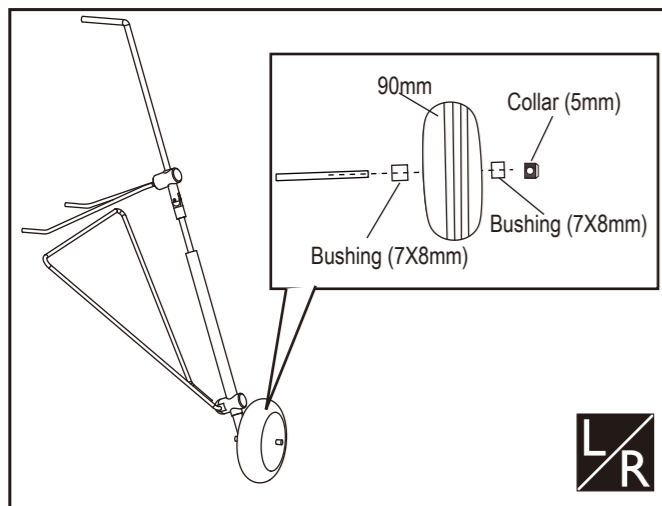
Apply epoxy glue. Assemble left and right sides the same way. Pay close attention here!

Apply instant glue (CA glue, super glue). Ensure smooth non-binding movement while assembling. Cut off shaded portion.

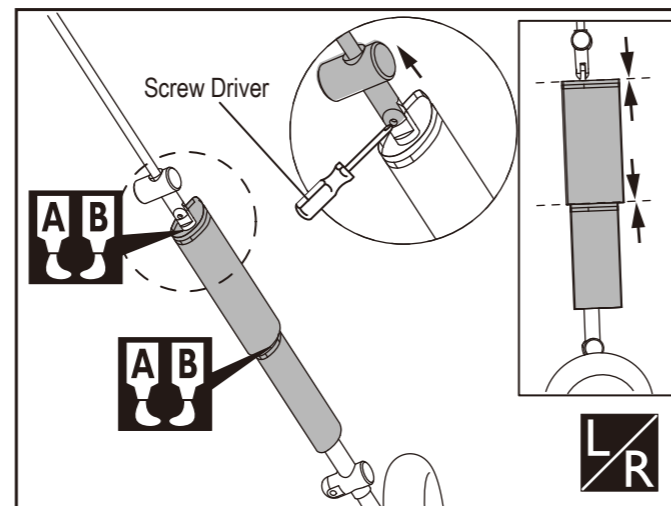
Do not overlook this symbol!

6

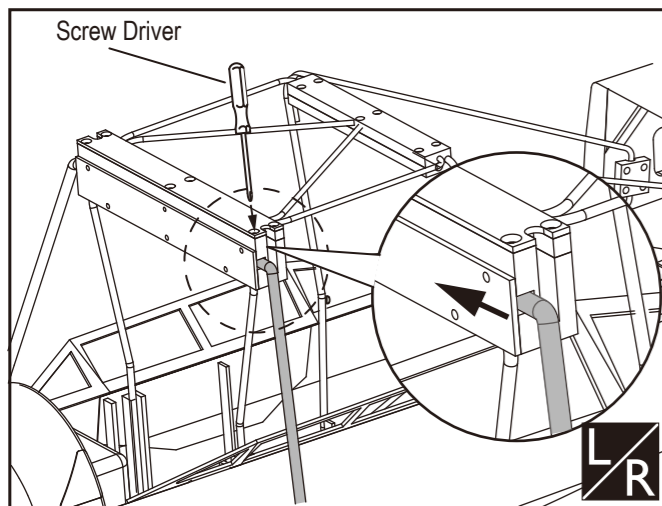
Assemble the wheel to the oleo strut.

**9**

Detach the oleo strut first with screw driver, let the detached oleo strut pass through the fibre gear covering, epoxy them and combine the two parts of the oleo strut again.

**7**

Put the oleo strut into the fixed wing mounting's slot and fix it with locknut as illustrate.

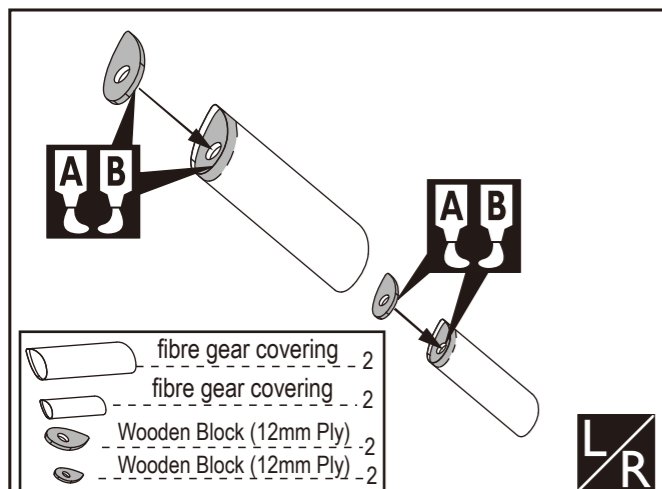


Accessory list for the coming installation steps.

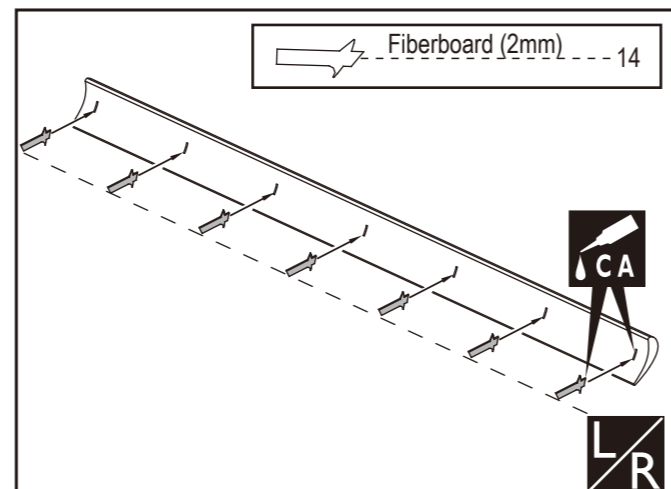
	Fiberboard A (2mm)	14
	Fiberboard B (2mm)	24
	Fiberboard C (2mm)	8
	Fiber fairing (2mm)	4
	TP Screw (2.3x12mm)	16
	Nut (2mm)	16
	Screw (2x10mm)	16
	Washer (2x5mm)	16
	Copper dowel (3x7mm)	12
	Clevis	4
	Fiber arm (2mm)	4
	Fiber board mount (2mm)	4

8

Brush the edge of fibre gear covering and epoxy the wooden block to it.

**10**

Glue the Fiberboard A to the lefting aileron with CA glue.



Apply epoxy glue.



Assemble left and right sides the same way.



Pay close attention here!

Do not overlook this symbol!



Apply instant glue (CA glue, super glue).



Ensure smooth non-binding movement while assembling.



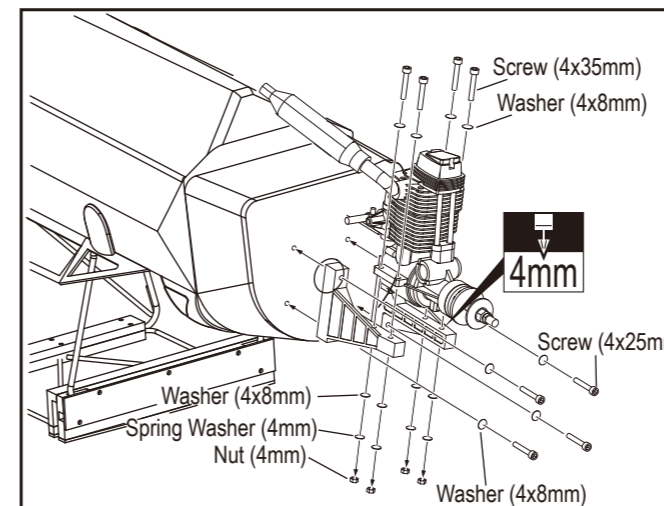
Cut off shaded portion.



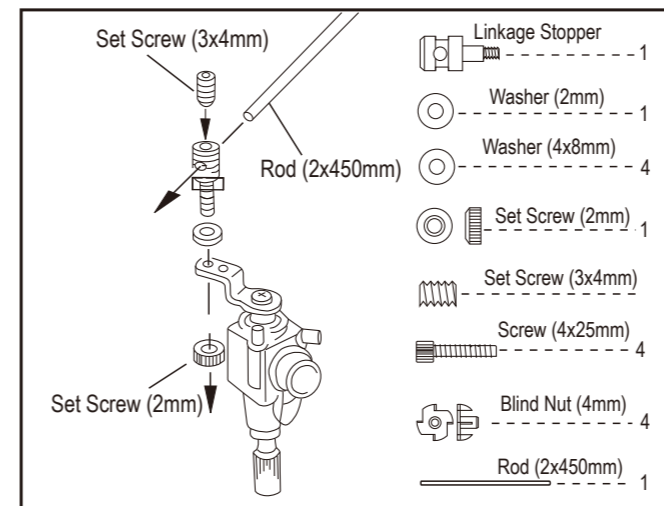
Warning!

56

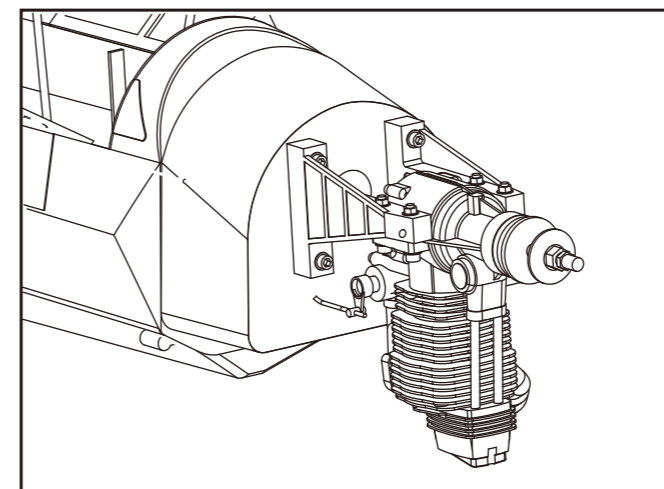
Assemble the engine.

**57**

Assemble the throttle linkage.

**58**

Install the engine.



Apply epoxy glue.



Assemble left and right sides the same way.



Pay close attention here!



Apply instant glue (CA glue, super glue).



Ensure smooth non-binding movement while assembling.



Cut off shaded portion.

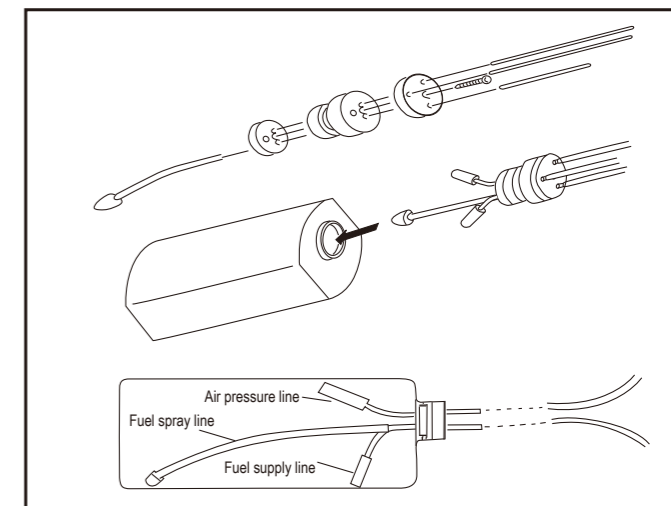
Do not overlook this symbol!



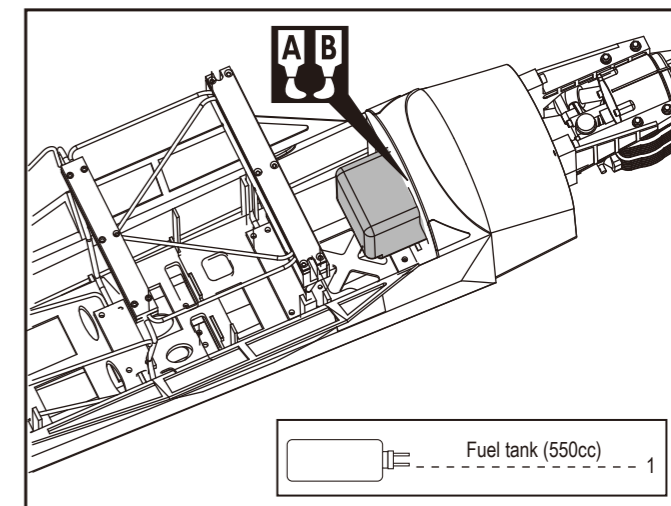
Warning!

59

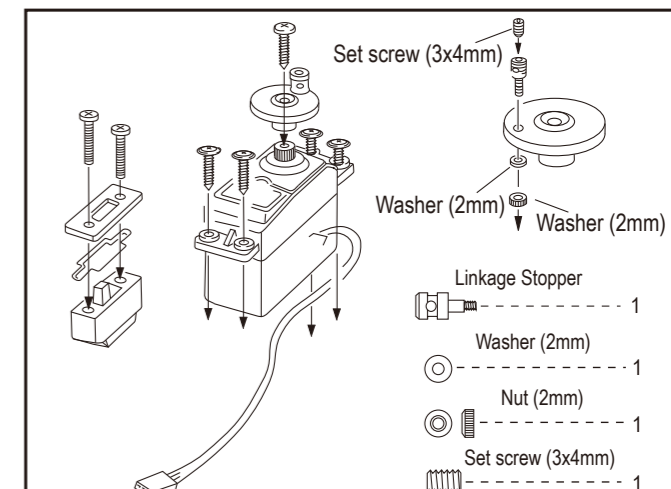
Assembly of the fuel tank.

**60**

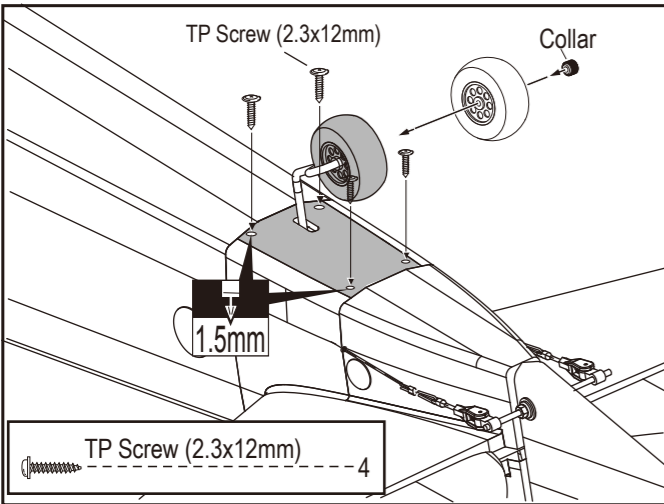
Mount the fuel tank into the fuselage.

**61**

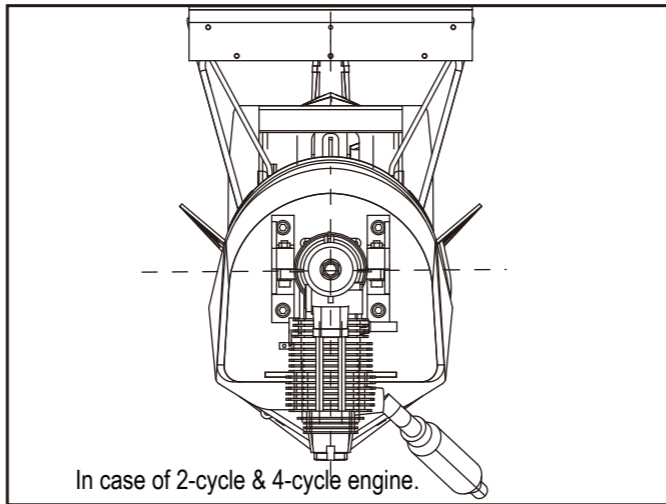
Assemble the servos and switch.



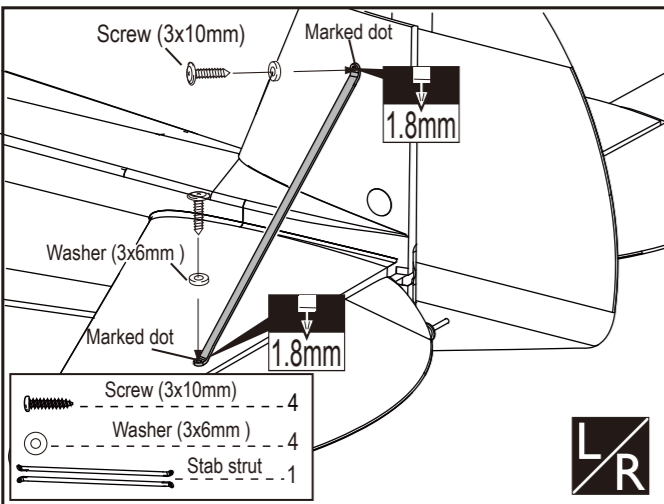
51 Assemble the tail wheel tray to fuselage and the wheel to tail undercarriage.



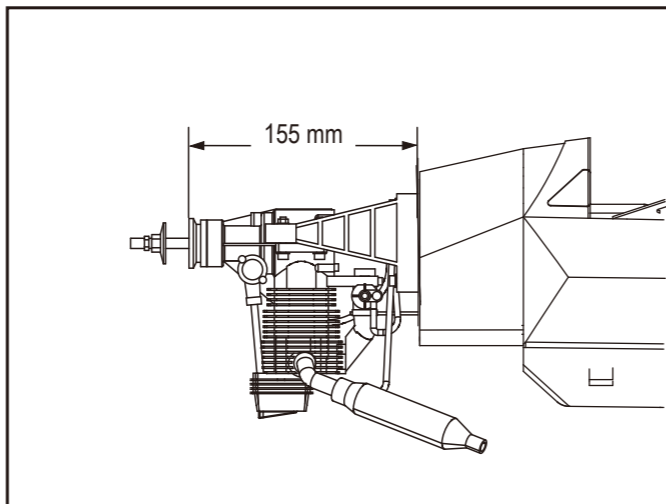
53 The front view of the engine install completion.



52 Assemble the stabilizer strut by TP screw.



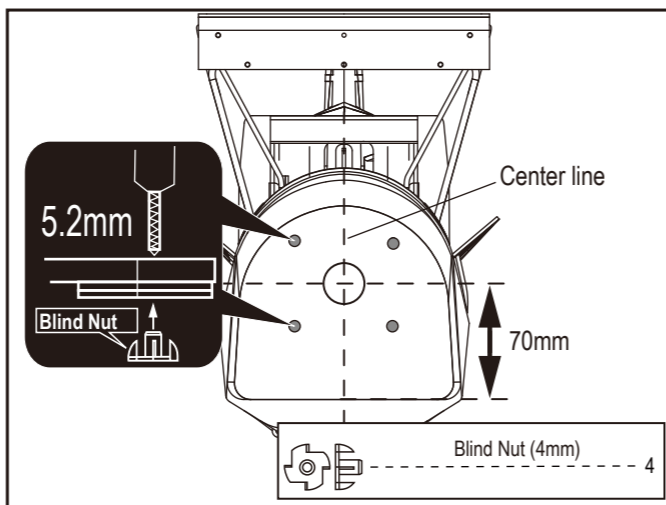
54 The side view of the engine install completion.



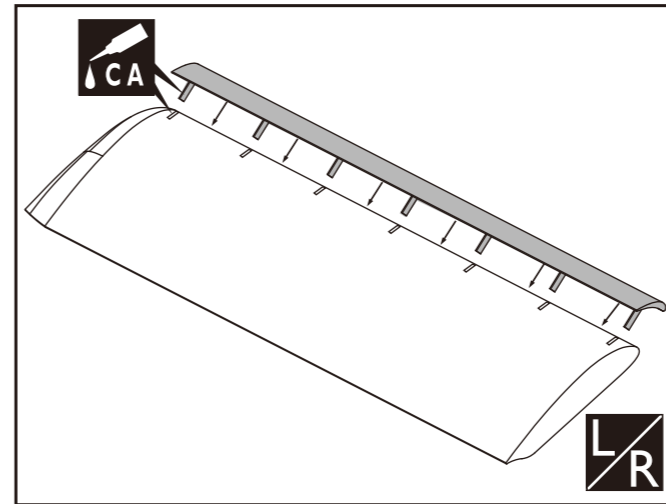
Warning! Accessory list for the coming installation steps.

Blind Nut (4mm)	4	Plastic tube (2x450mm)	1
Screw (4x35mm)	4	Engine mount (68x105mm)	2
Screw (4x25mm)	4	Clevis	6
Washer(4x8mm)	12	Copper joiner	6
Spring Washer (4mm)	4	Screw (2x10mm)	6
Nut (4mm)	4	Nut (2mm)	6
Linkage Stopper	2	Washer(2x5mm)	6
Fuel tank (550cc)	1	Aluminum tube(3x6mm)	6

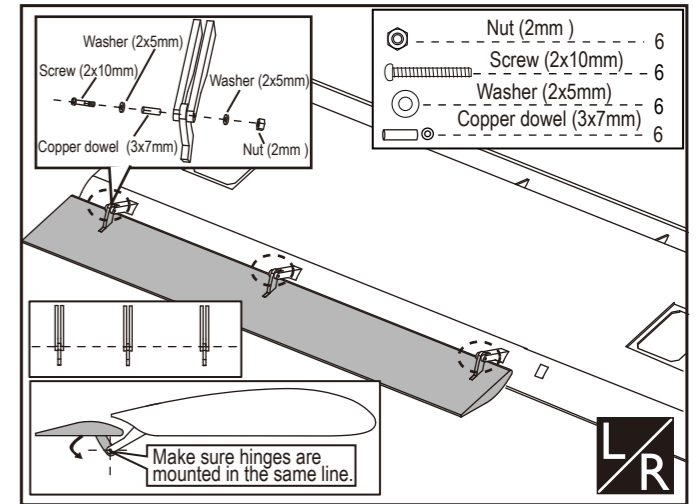
55 Drill four holes at the diameters as shown for engine mount.



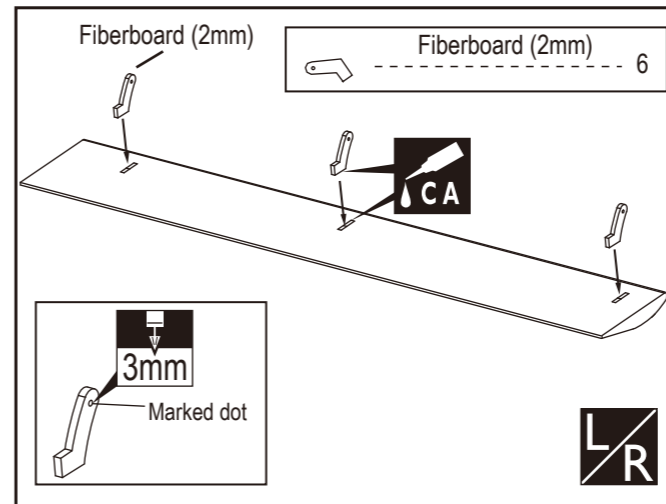
11 Glue the lefting aileron to the wing by fiberboard A with CA glue.



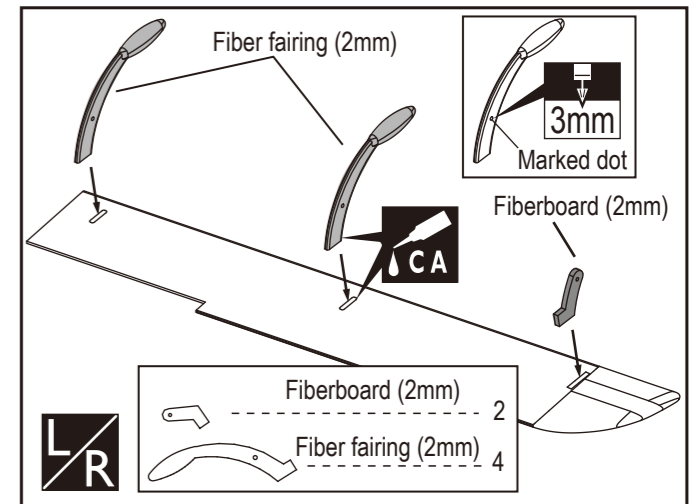
14 Connect the fiberboard B and fiberboard C with screw and nut as illustration.



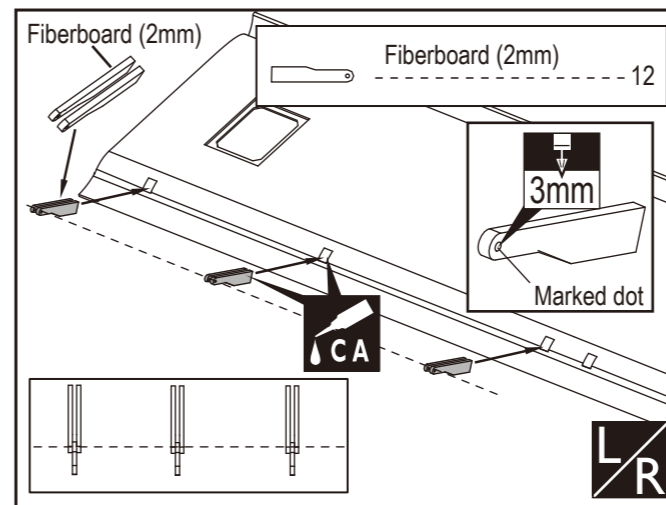
12 Glue the fiberboard C to the flap with CA glue.



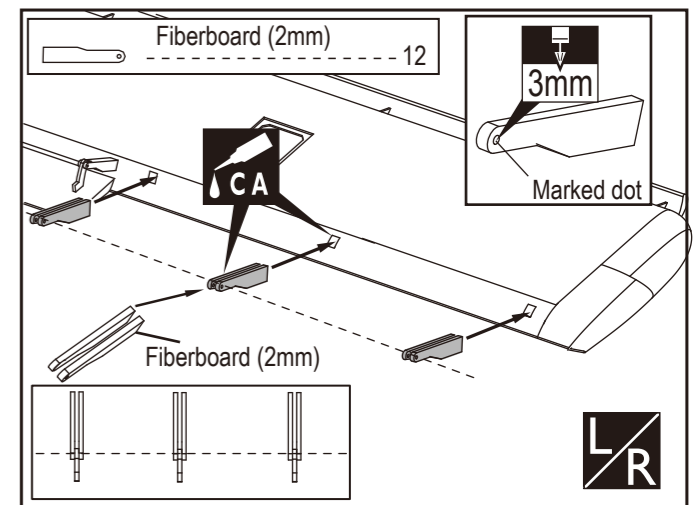
15 Trim the fiber fairings and glue them fiberboard C to relevant slot in the aileron.



13 Glue the fiberboard B to the relevant slot in the wing.



16 Glue the fiberboard B to the relevant slots in the wings.



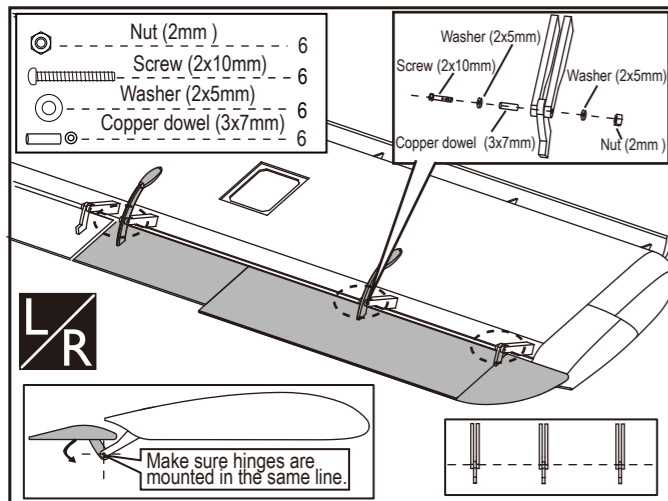
AB Apply epoxy glue. **LR** Assemble left and right sides the same way. **Hand icon** Pay close attention here! **Warning!** Do not overlook this symbol!

CA Apply instant glue (CA glue, super glue). **Hand icon** Ensure smooth non-binding movement while assembling. **Hand icon** Cut off shaded portion.

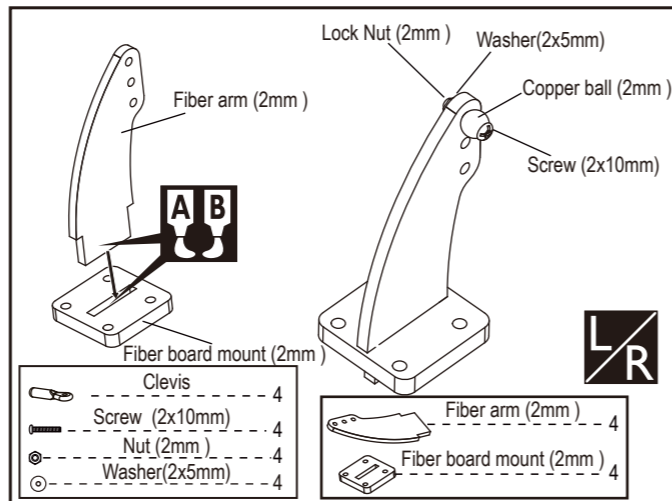
AB Apply epoxy glue. **LR** Assemble left and right sides the same way. **Hand icon** Pay close attention here! **Warning!** Do not overlook this symbol!

CA Apply instant glue (CA glue, super glue). **Hand icon** Ensure smooth non-binding movement while assembling. **Hand icon** Cut off shaded portion.

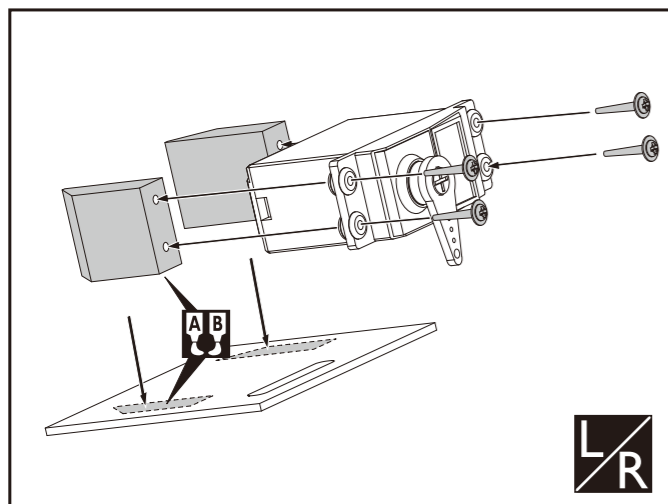
17 Connect the fiberboard B and fiber fairing with screw and nut as illustration.



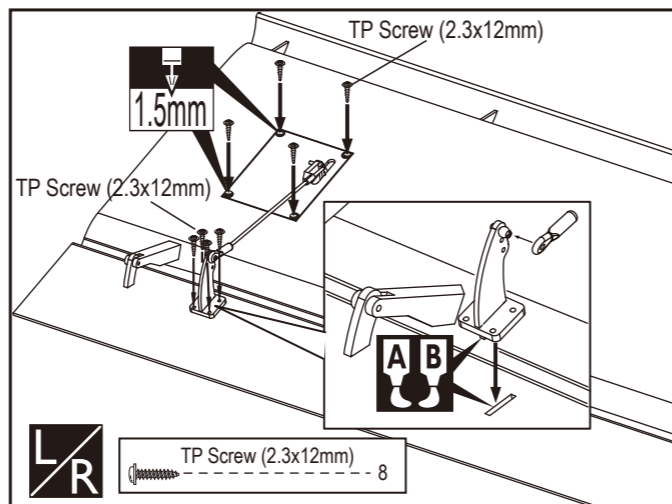
20 Epoxy the fiber arm to the slot in the fiber board mount.



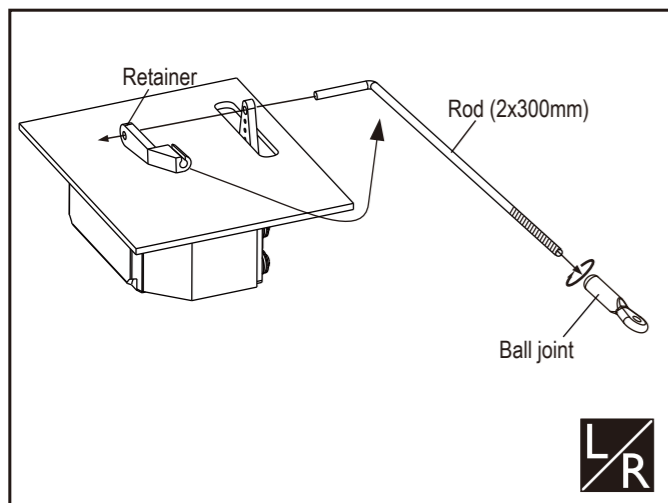
18 Install the servo as the illustration below



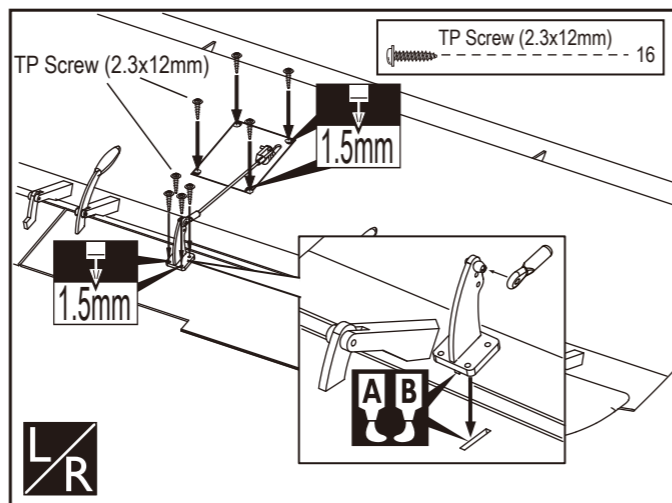
21 Assemble the fiber board mount to appropriate position in the aileron with TP screw and epoxy.



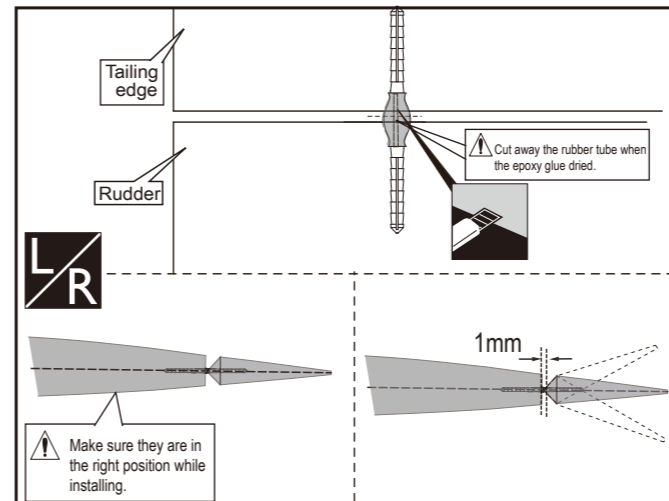
19 Install the nylon control horn and connect the linkage.



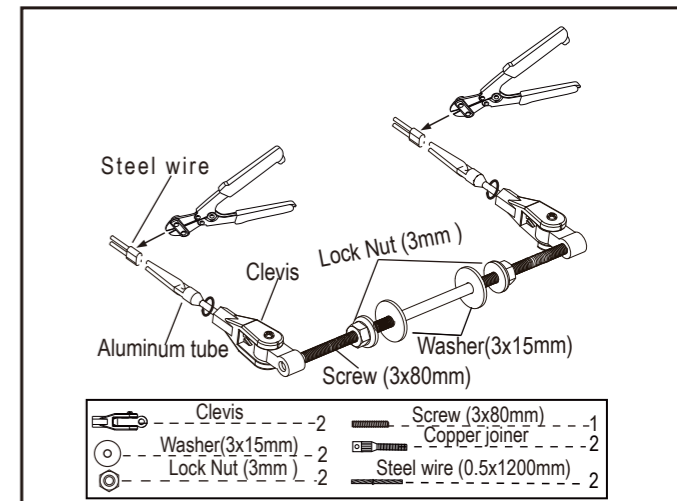
22 Secure the servo, connect the linkage of the servo and the fiber arm.



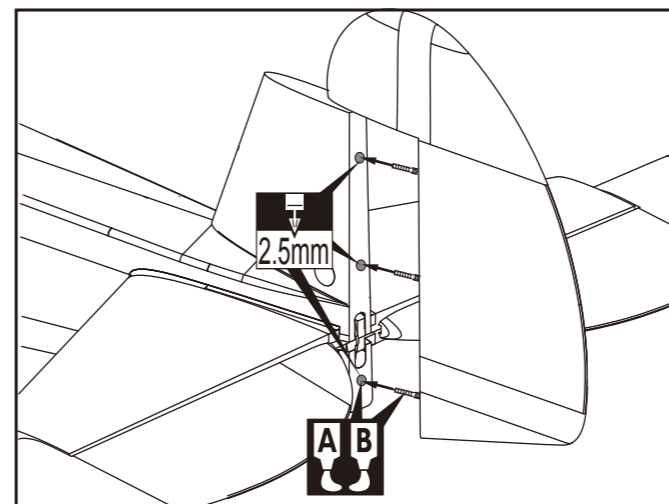
45 Keep some space about 1mm width between the trailing edge and the rudder.



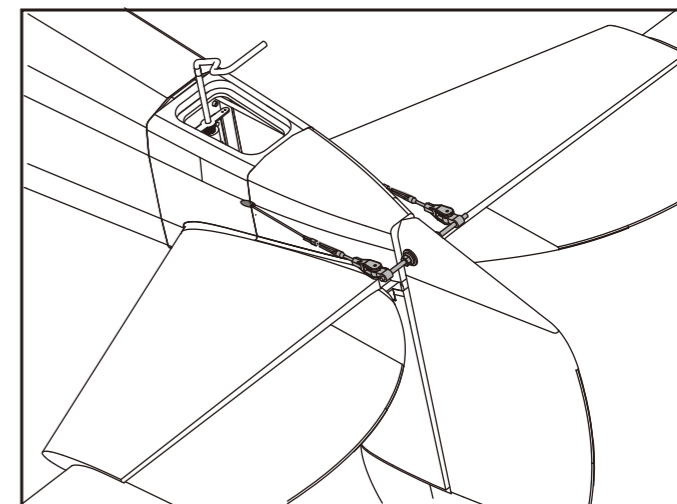
48 The sketch map after the rudder shaft assemble finished.



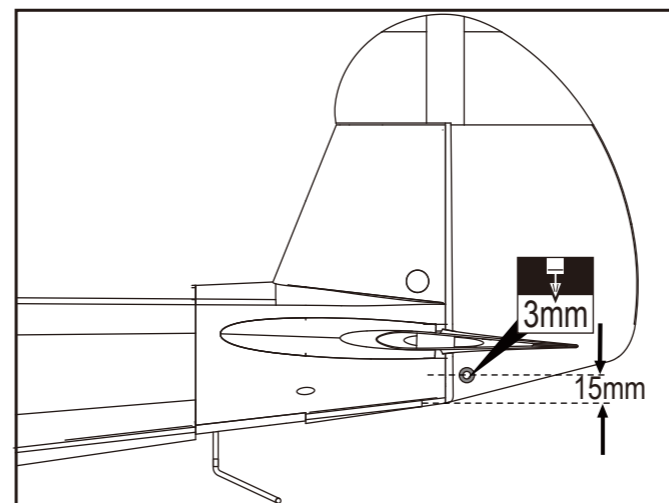
46 Drill holes to appropriate position in the vertical tail and epoxy the rudder to the vertical tail steadily.



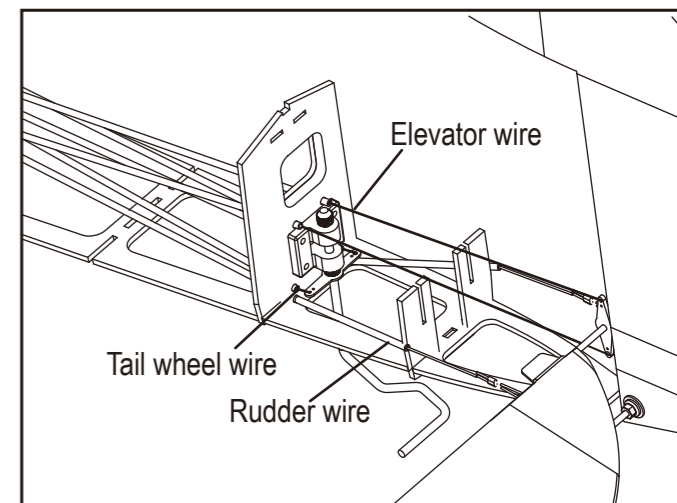
49 The sketch map of the linkage for the rudder and the tail gear.



47 Drill a hole to appropriate position in the rudder as illustration.



50 The sketch map of the linkages in the fuselage.



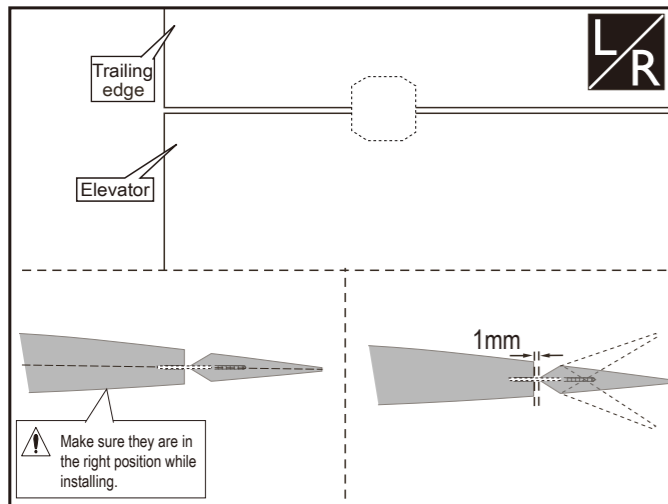
Apply epoxy glue.
 Assemble left and right sides the same way.
 Pay close attention here!
 Do not overlook this symbol!

Apply instant glue (CA glue, super glue).
 Ensure smooth non-binding movement while assembling.
 Cut off shaded portion.

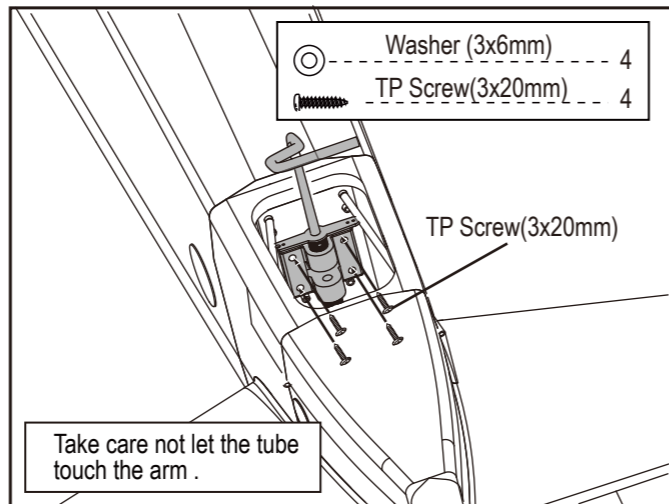
Apply epoxy glue.
 Assemble left and right sides the same way.
 Pay close attention here!
 Do not overlook this symbol!

Apply instant glue (CA glue, super glue).
 Ensure smooth non-binding movement while assembling.
 Cut off shaded portion.

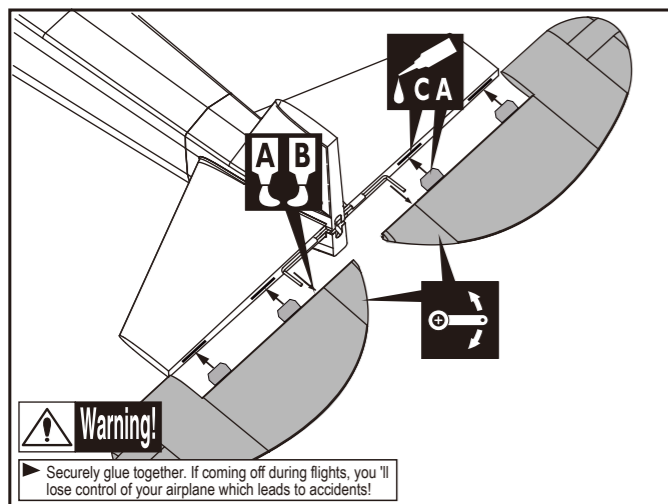
39 Keep some space about 1mm width between the elevator and horizontal tail edge.



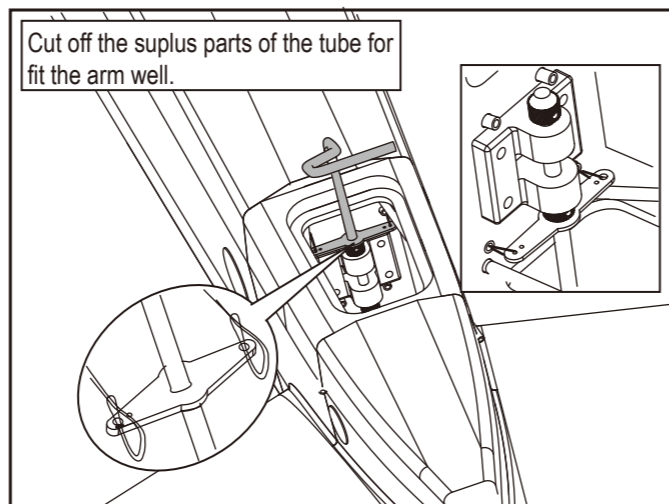
42 Assemble the wheel steering mounts to relevant position in the former of tail gear.



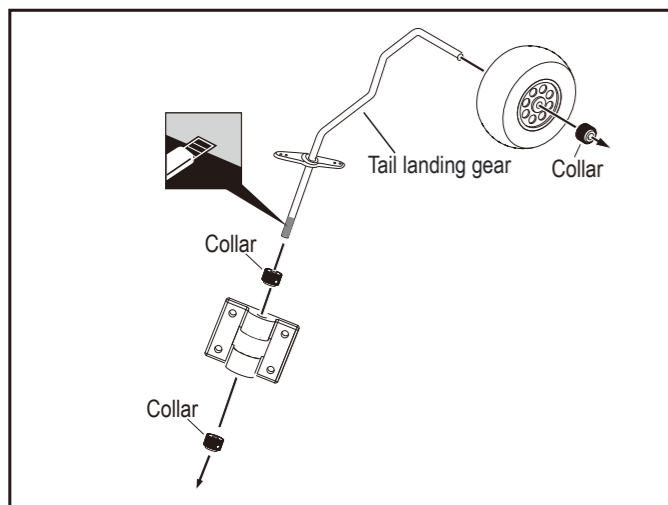
40 Glue the elevator to the stabilizer by CA and epoxy.



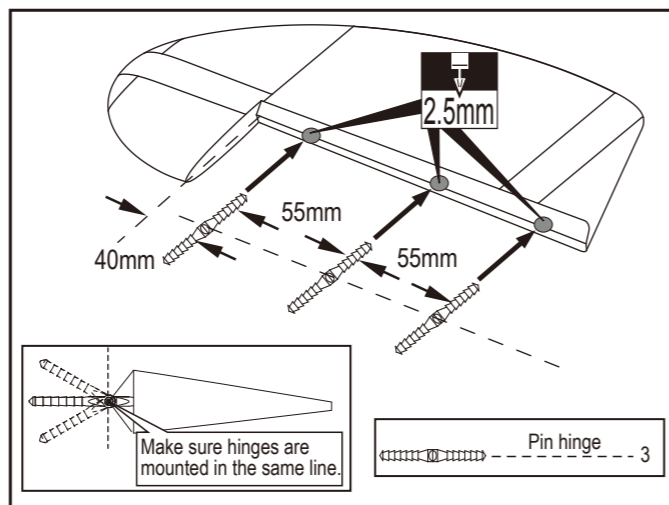
43 The sketch map when tail wheel assemble completion.



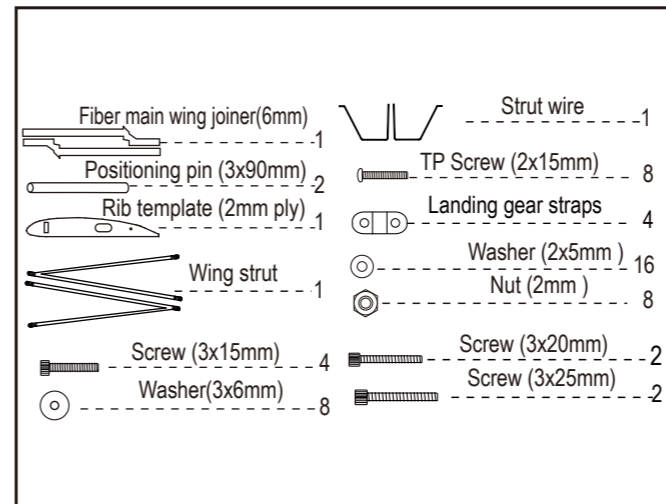
41 The sketch map when assemble the tail landing gear to the wheel steering mount.



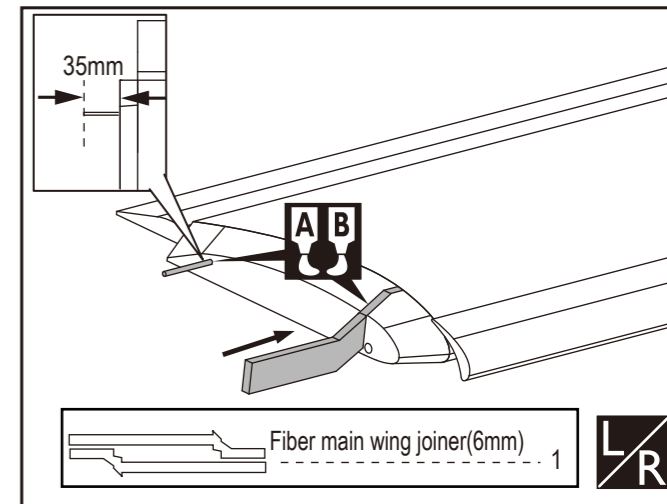
44 Epoxy pin hinges to rudder.



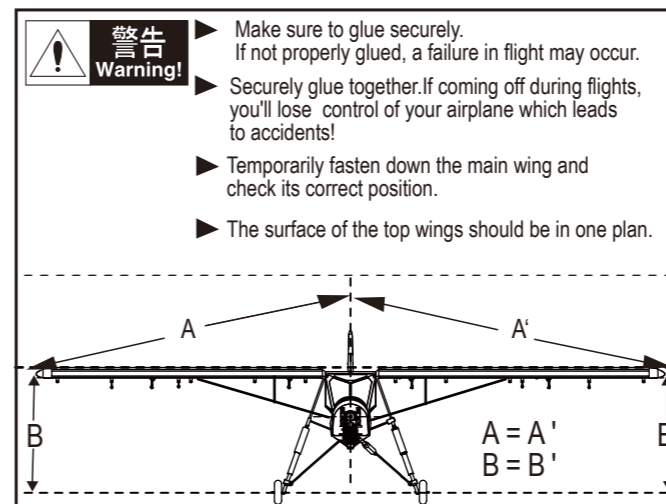
Accessory list for the coming installation steps.



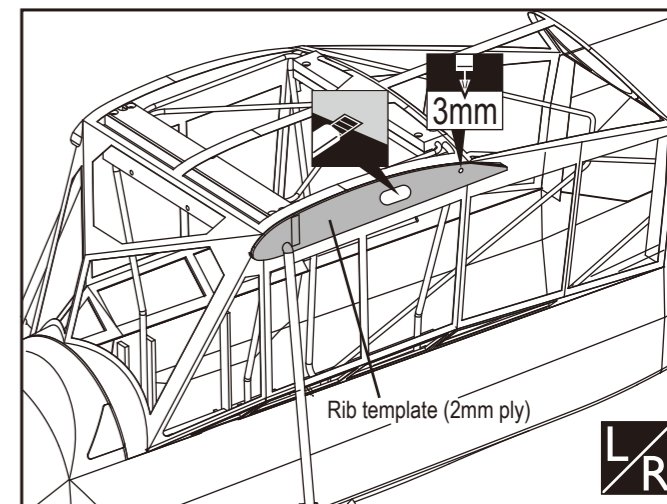
25 Epoxy the positioning pin and the wing joiner to the wing tightly..



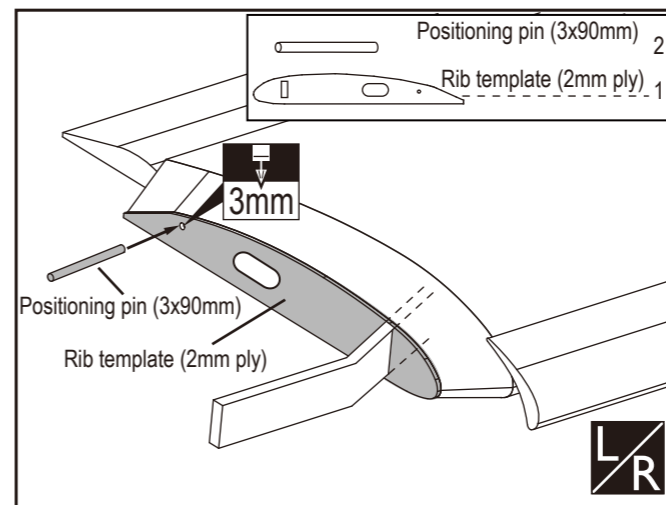
23 The sketch map after the wings assembly completion.



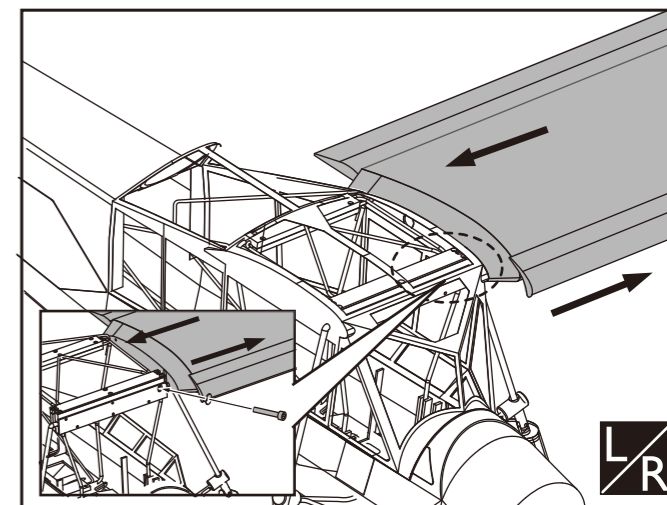
26 According to the rib template open a slot in the cockpit as illustration for dragging the servo lines..



24 According to the rib template drill a hole to appropriate position in the wing root.



27 Assemble the wing to the fixed wing mount until it fit very well and mark in the main wing joiner through the hole in the mount with red mark.



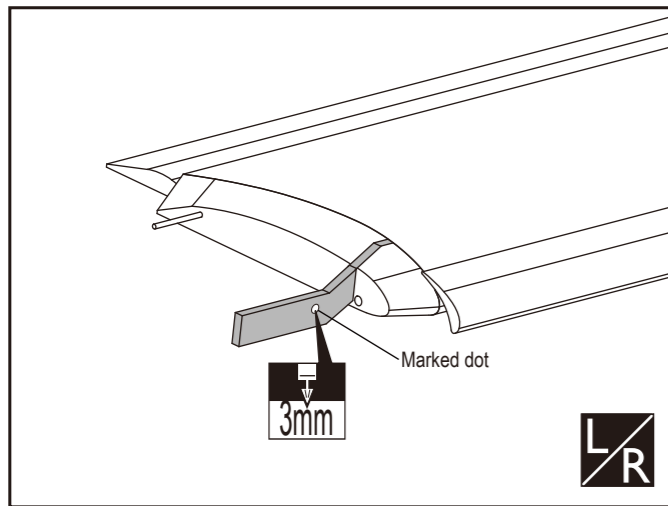
Apply epoxy glue.
 Assemble left and right sides the same way.
 Pay close attention here!
 Do not overlook this symbol!

Apply instant glue (CA glue, super glue).
 Ensure smooth non-binding movement while assembling.
 Cut off shaded portion.
 Warning!

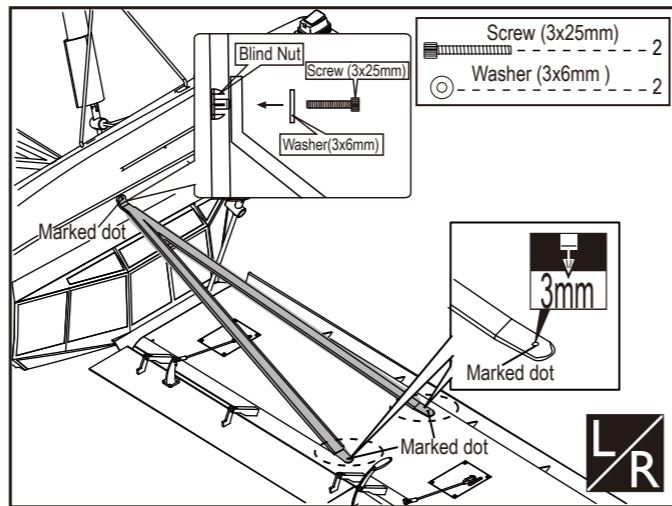
Apply epoxy glue.
 Assemble left and right sides the same way.
 Pay close attention here!
 Do not overlook this symbol!

Apply instant glue (CA glue, super glue).
 Ensure smooth non-binding movement while assembling.
 Cut off shaded portion.
 Warning!

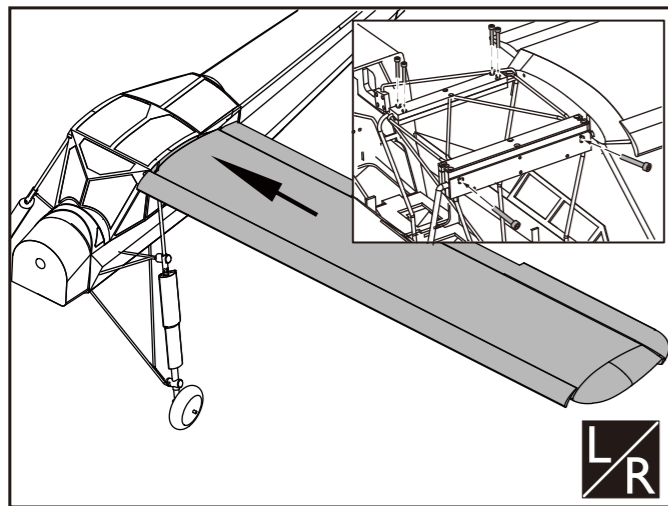
28 Drill a hole to the marked dot in the main wing joiner.



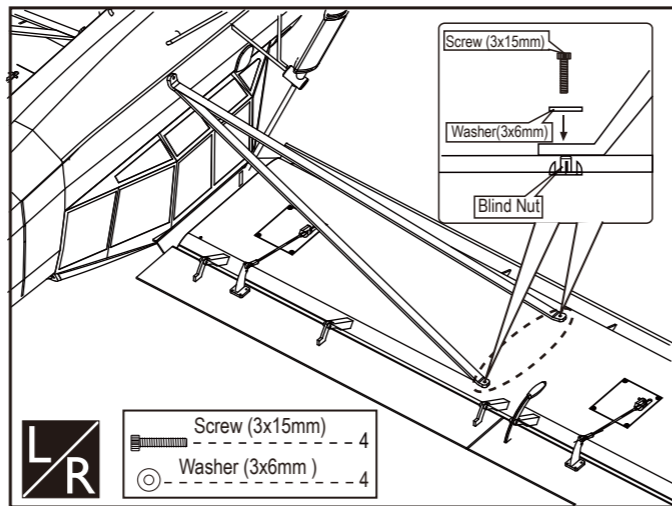
31 Find out the blind nut position in the fuselage and wing, fix one side of wing strut on the fuselage, keep the wing in water surface and drill holes to appropriate position in the strut for fitting the strut to the relevant blind nut very well.



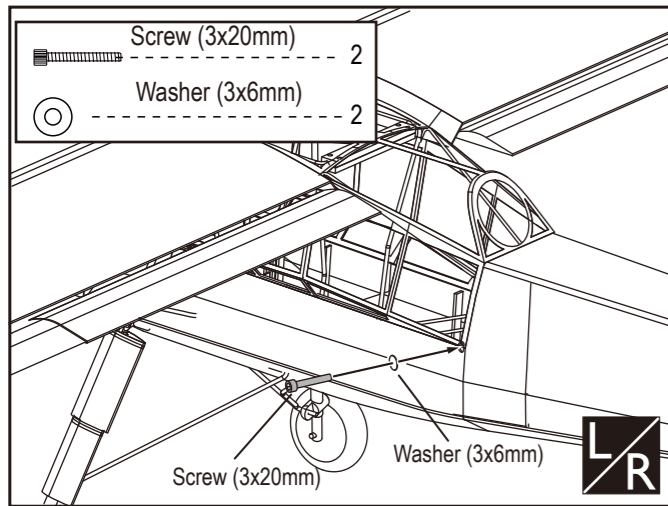
29 Fitting the wing to the fixed wing mounting and it will be demounted after step 30.



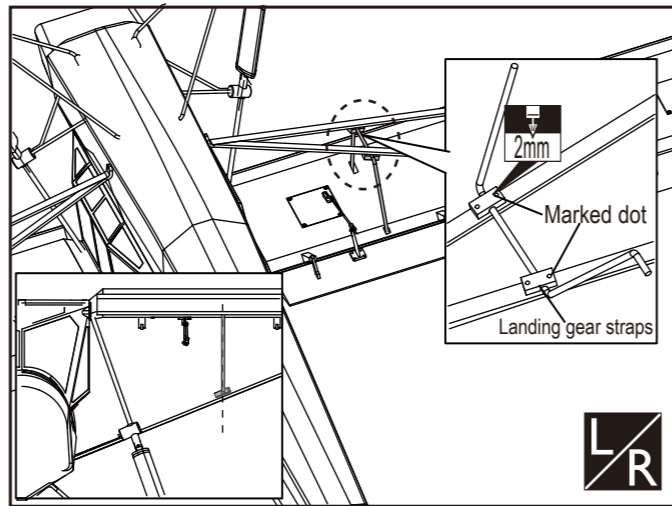
32 Assemble the wing strut to the fuselage and wing very well.



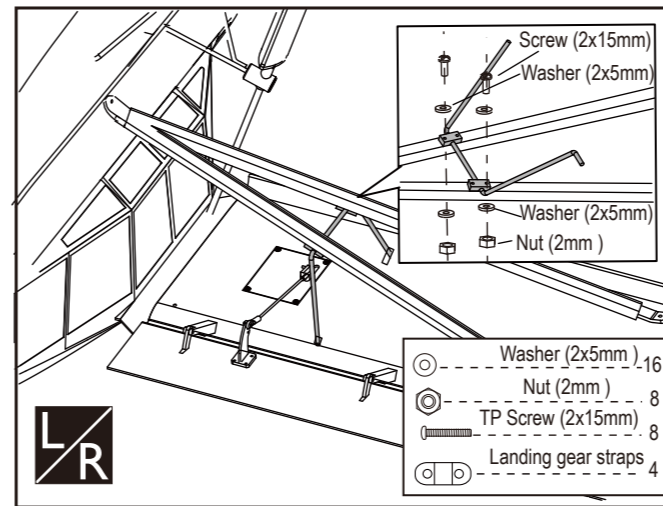
30 Fitting the cockpit to the fuselage with screw and it will be demounted with screw driver after this step.



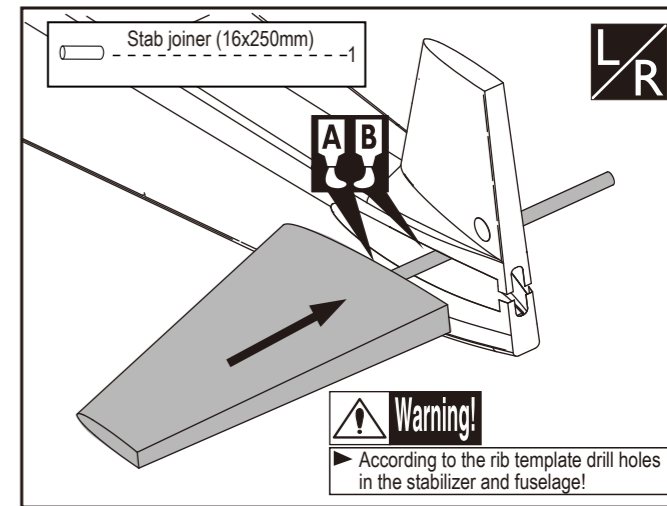
33 Inset the strut wire to the slot in the wing, move the other side of the strut wire until it touch the wing strut very well, make marked dot in the wing strut through the hole in the gear straps. Demount the wing strut and drill holes in relevant position.



34 Assemble the wing strut to the fuselage and wing again and fix the strut wire with screw and nut as illustration.



36 Epoxy the horizontal tail to fuselage. Remove paint at fuselage horizontal mating surfaces before epoxy.

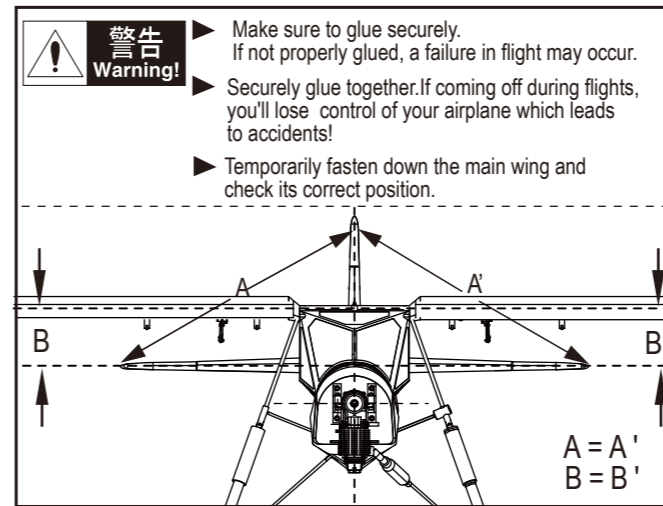


Warning!
According to the rib template drill holes in the stabilizer and fuselage!

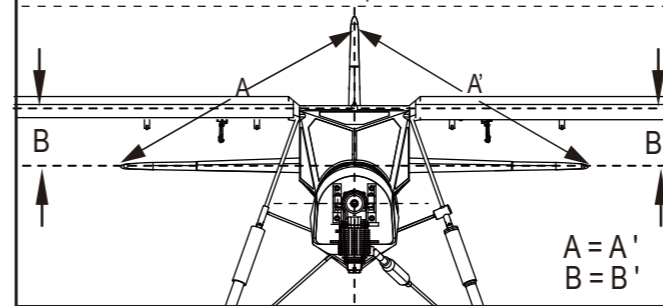
Accessory list for the coming installation steps.

Stab joiner (16x250mm)	1	Steel wire (0.5x1500mm)	2
Pin hinge(24x24mm)	4	Steel wire (0.5x3000mm)	4
U-style wire (3mm)	1	Screw (3x80mm)	1
Pin hinge(2.5x48mm)	3	Clevis	2
Nose arm(3mm)	1	Washer(3x15mm)	2
Tail landing gear(3mm)	1	Lock Nut (3mm)	2
Washer (3x6mm)	4	Copper joiner	2
Tail wheel (45mm)	1	TP Screw (2.3x12mm)	4
Collar (3mm)	3	TP Screw(3x20mm)	4
Stab strut	1	Screw (3x10mm)	4
		Washer(3x6mm)	4

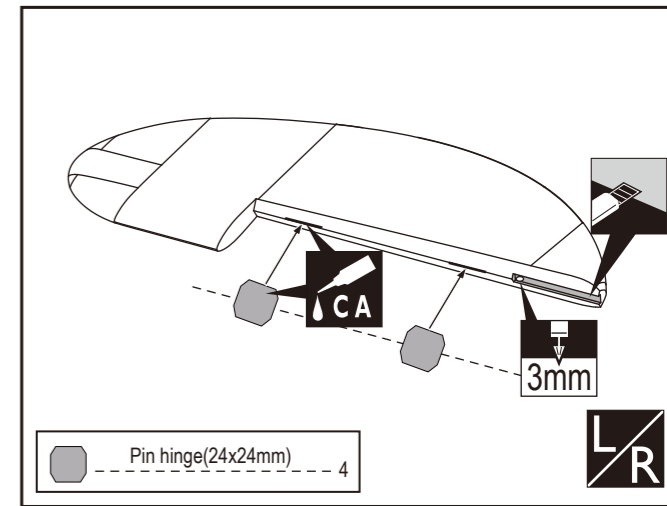
35 The sketch map after the horizontal tail assembly completion.



警告
Warning!
Make sure to glue securely. If not properly glued, a failure in flight may occur.
Securely glue together. If coming off during flights, you'll lose control of your airplane which leads to accidents!
Temporarily fasten down the main wing and check its correct position.



38 Glue the pin hinge to the elevator with CA glue and trim slot to appropriate position as illustration.



Apply epoxy glue.
 Assemble left and right sides the same way.
 Pay close attention here!
 Do not overlook this symbol!

Apply instant glue (CA glue, super glue).
 Ensure smooth non-binding movement while assembling.
 Cut off shaded portion.

Apply epoxy glue.
 Assemble left and right sides the same way.
 Pay close attention here!
 Do not overlook this symbol!

Apply instant glue (CA glue, super glue).
 Ensure smooth non-binding movement while assembling.
 Cut off shaded portion.