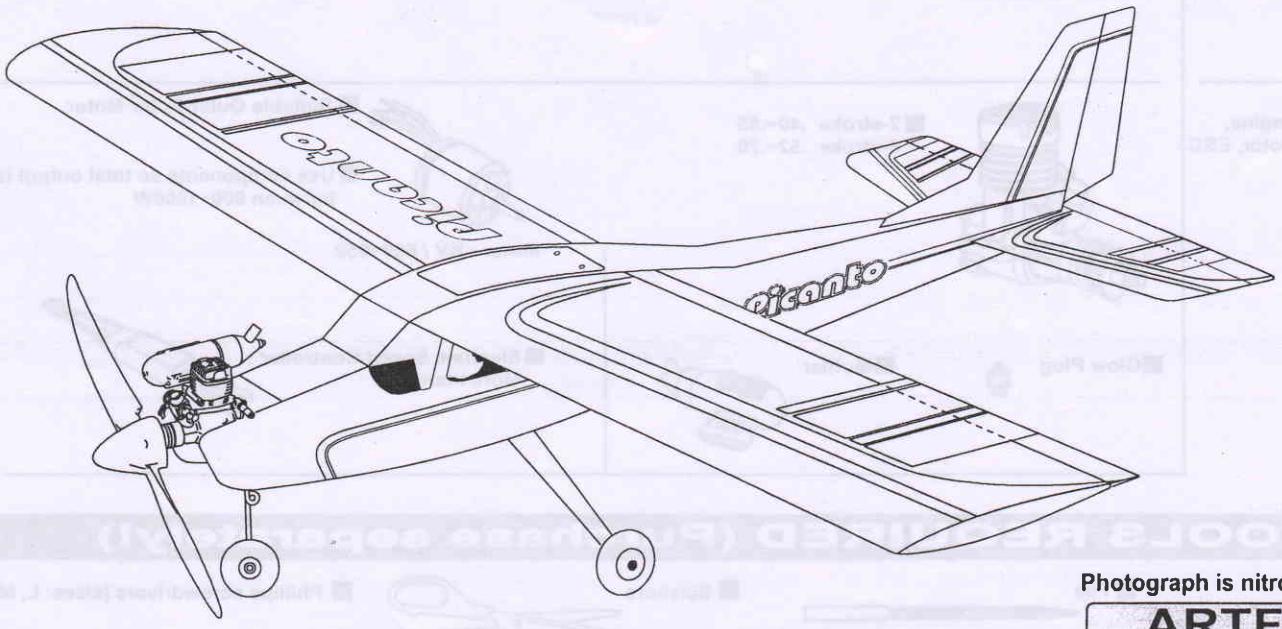
Picanto

Before beginning assembly,please read these intructions thoroughly.

WINGSPAN: 1580mm (62")

NITRO version

EP version



Photograph is nitro version

INSTRUCTION MANUAL

ARTF ALMOST-READY-TO-FLY

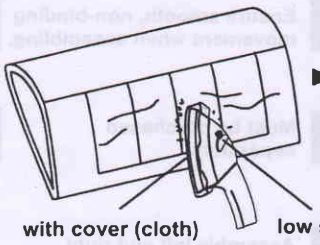
⚠ UNDER SAFETY PRECAUTIONS

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.

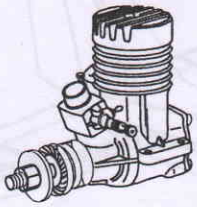


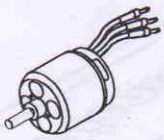
► Use an iron covered with a cloth! Start at low setting. Increase the setting if necessary. If it is too high, you may damage the film.

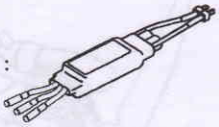
ITEMS REQUIRED FOR OPERATION (Not included in kit!)

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

	GP version	EP version
1 Radio Set	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 sure to use servos with enough torque (3.0kg - cm minimum).
	■ Y-Harness 2pcs	
2 Engine, Motor, ESC	■ 2-stroke .40~.55 4-stroke .52~.70	■ Suitable Outer Rotor Motor. ■ Use components so total output is batween 600~1000W Motor : KV / 600~650
	■ Glow Plug ■ Muffler	■ Electraic Speed Controller : More than 70A



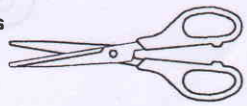




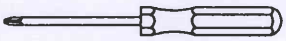
TOOLS REQUIRED (Purchase separately!)

■ File

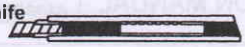
■ Scissors



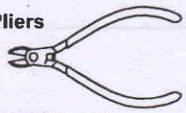
■ Phillips screwdrivers (sizes: L, M, S)



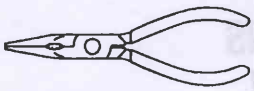
■ Shap Hobby Knife



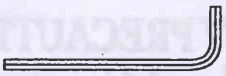
■ Cutters Pliers



■ Long Nose Pliers



■ Hex Wrench (2, 2.5, 3mm)



■ Threat locker Cement

■ Drill,Bits (2,3,4,6mm)

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 past, contact your local deale or our VIMAR Distributor.
3. Symbols used throughout this instruction manual, comprise:

Pay attention here!

Ensure smooth, non-binding movement when assembling.

Cut off excess.

2mm Drill holes with the specified diameter.

Must be purchased separately!

Apply threadlocker (screw cement).

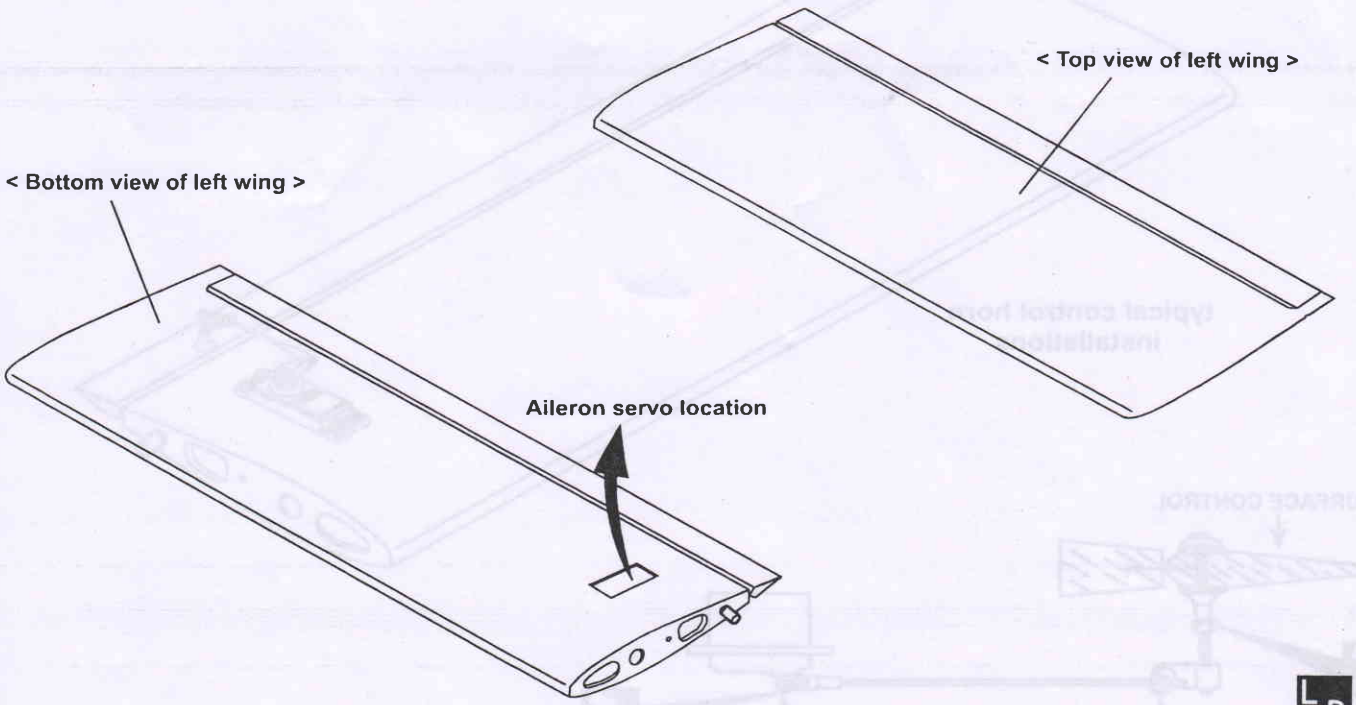
Assemble in the specified order.

L R Assemble left and right sides the same way.

Waming!

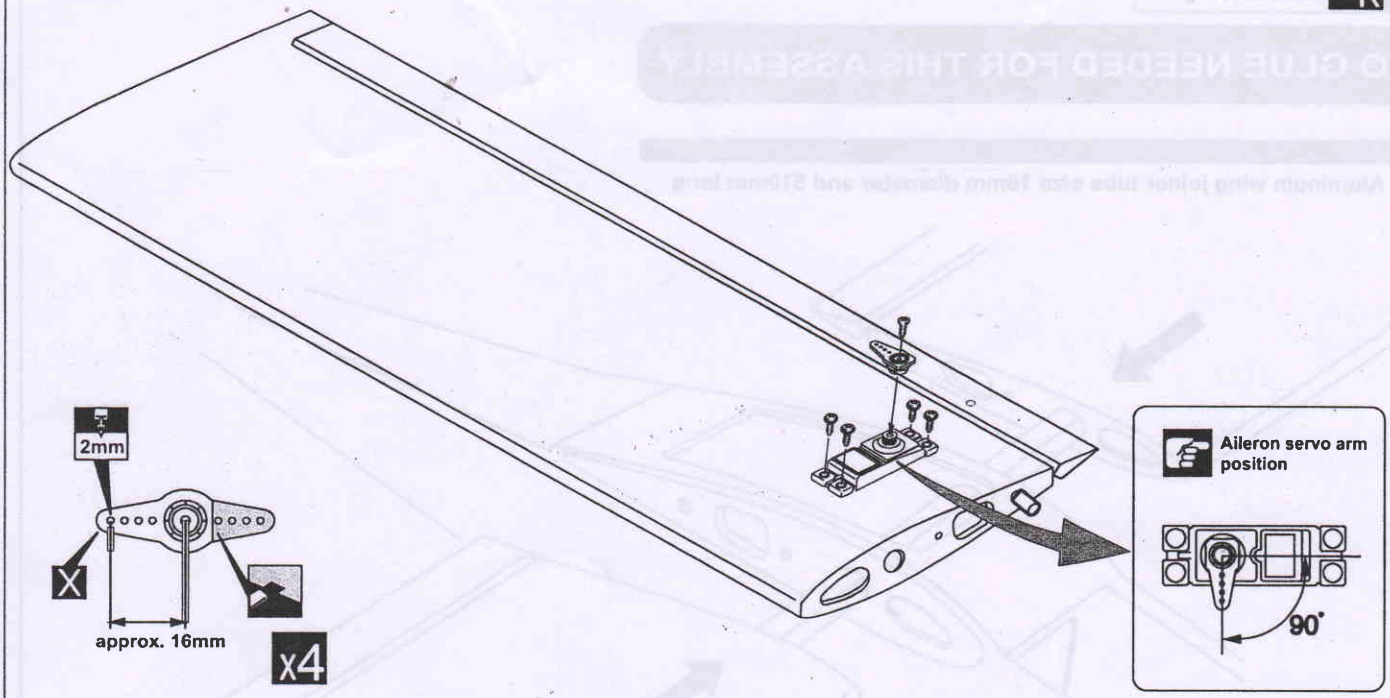
● Do not overlook This symbol!

1 Installing Servo to the wing



L R

L R

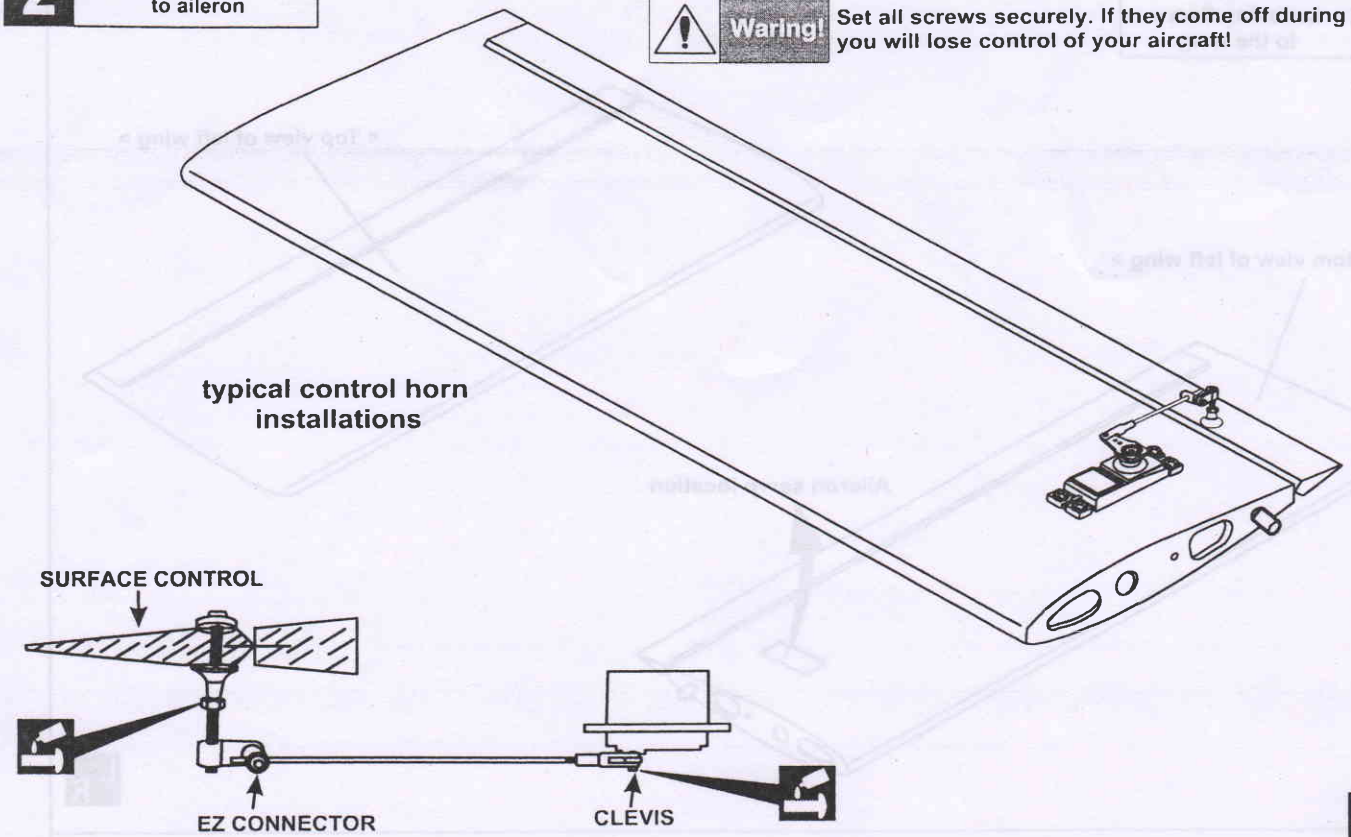


Cut off shaded portion.	*Drill holes with the specified diameter.*	*Assemble left and right sides the same way.*	*Pay close attention here!*
Must be purchased separately!	*Assemble as many times as specified.*		

2 Connecting Control rod to aileron

Waring! Set all screws securely. If they come off during flight you will lose control of your aircraft!

typical control horn installations

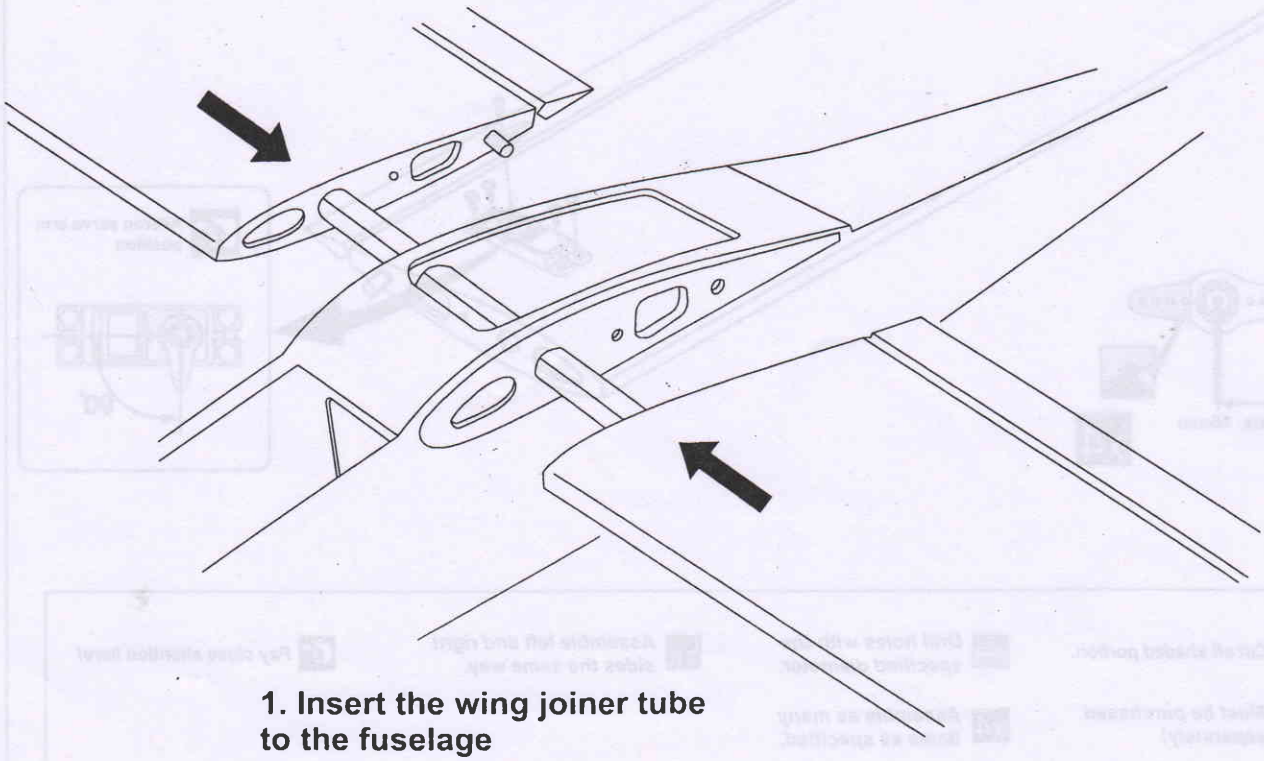


L R

3 Installing the wing to the fuselage

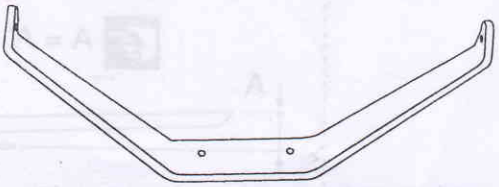
NO GLUE NEEDED FOR THIS ASSEMBLY

Aluminum wing joiner tube size 16mm diameter and 510mm long

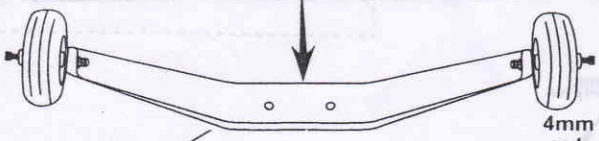


1. Insert the wing joiner tube to the fuselage

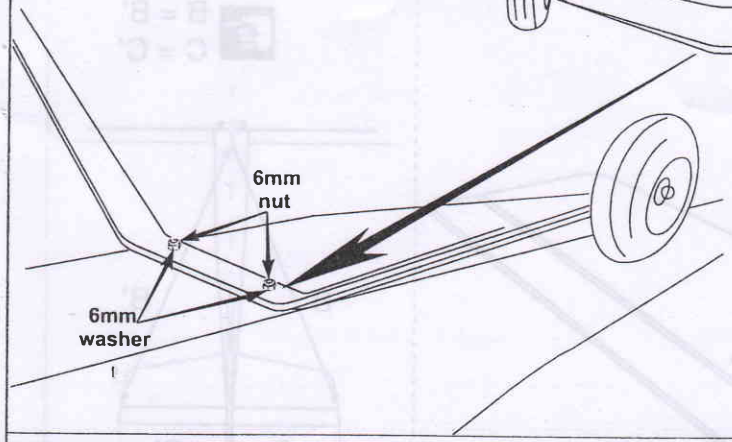
4 Main Gear

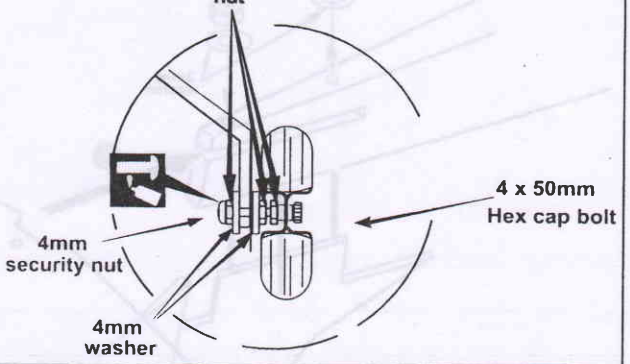


Main Gear

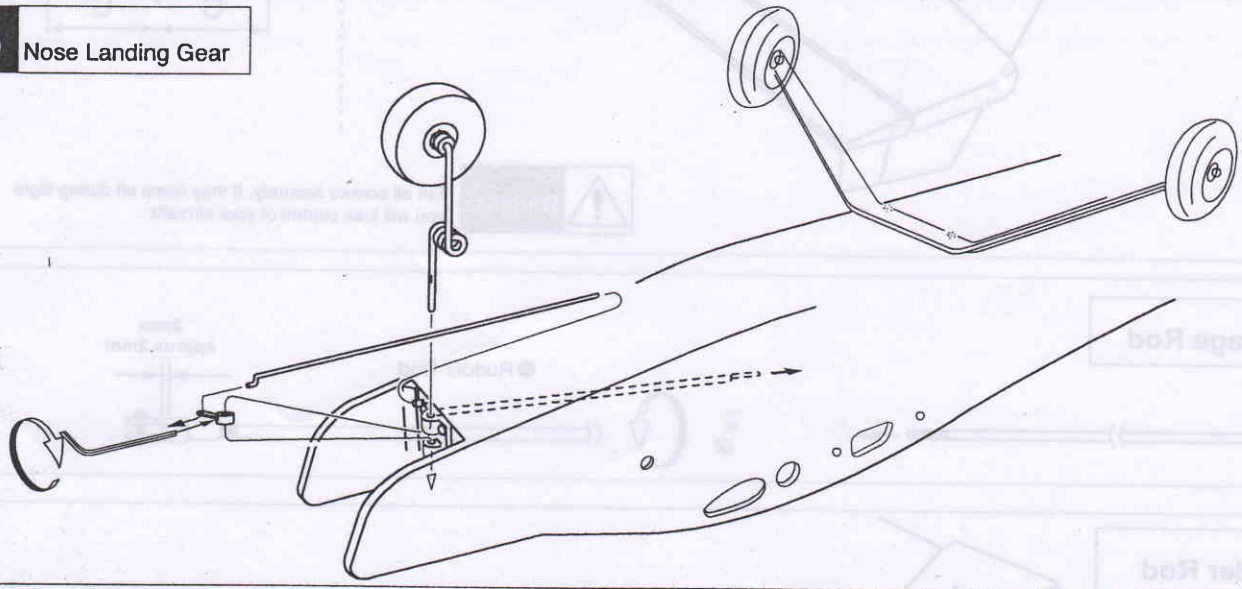


Installing the wheel to the main landing gear

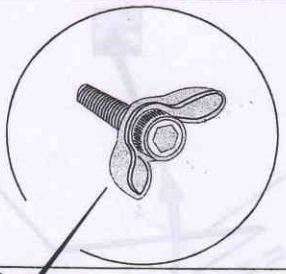




5 Nose Landing Gear



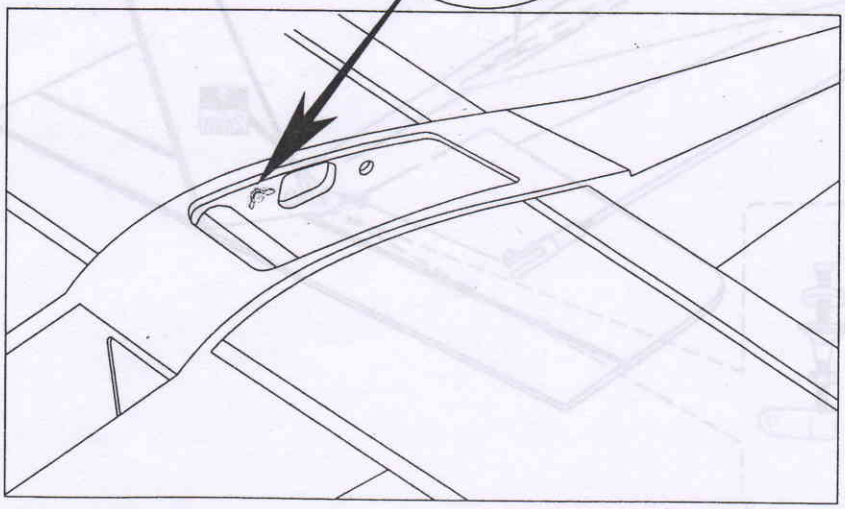
6 Attach wing to the fuselage



4x20xhex bolt
1 wooden washer
1 butterfly nut

2 . Insert the wing tube onto right wing panel
the tighten wiht the butterfly nut to secure to the fuselage

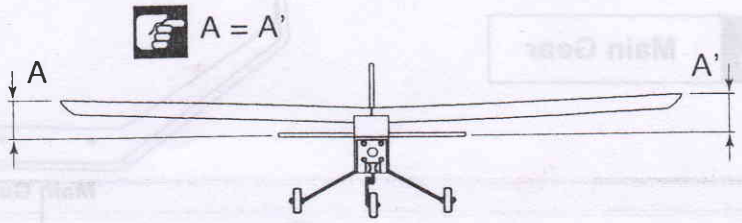
2 . same procedure the secure the left wing
panel to the fuselage

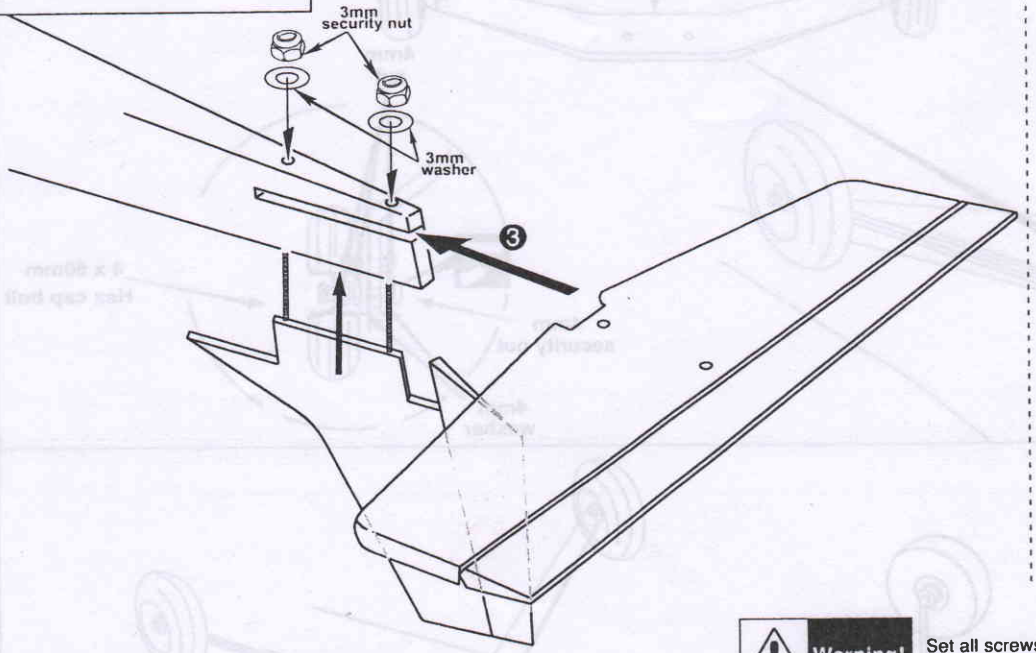


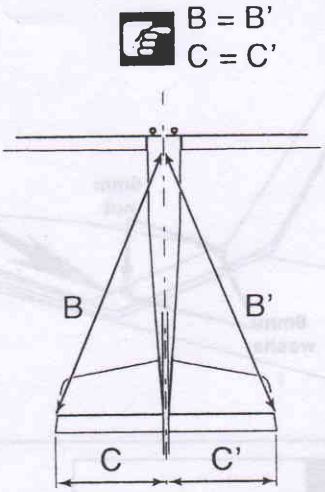
6 Horizontal Tail

3mm security nut — 2

3mm washer — 2

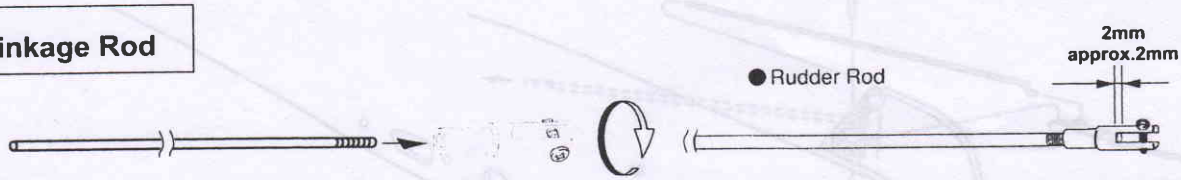




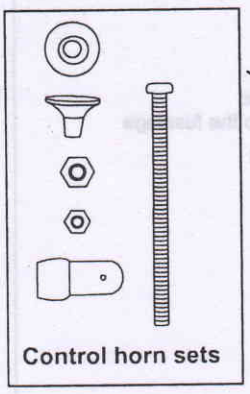


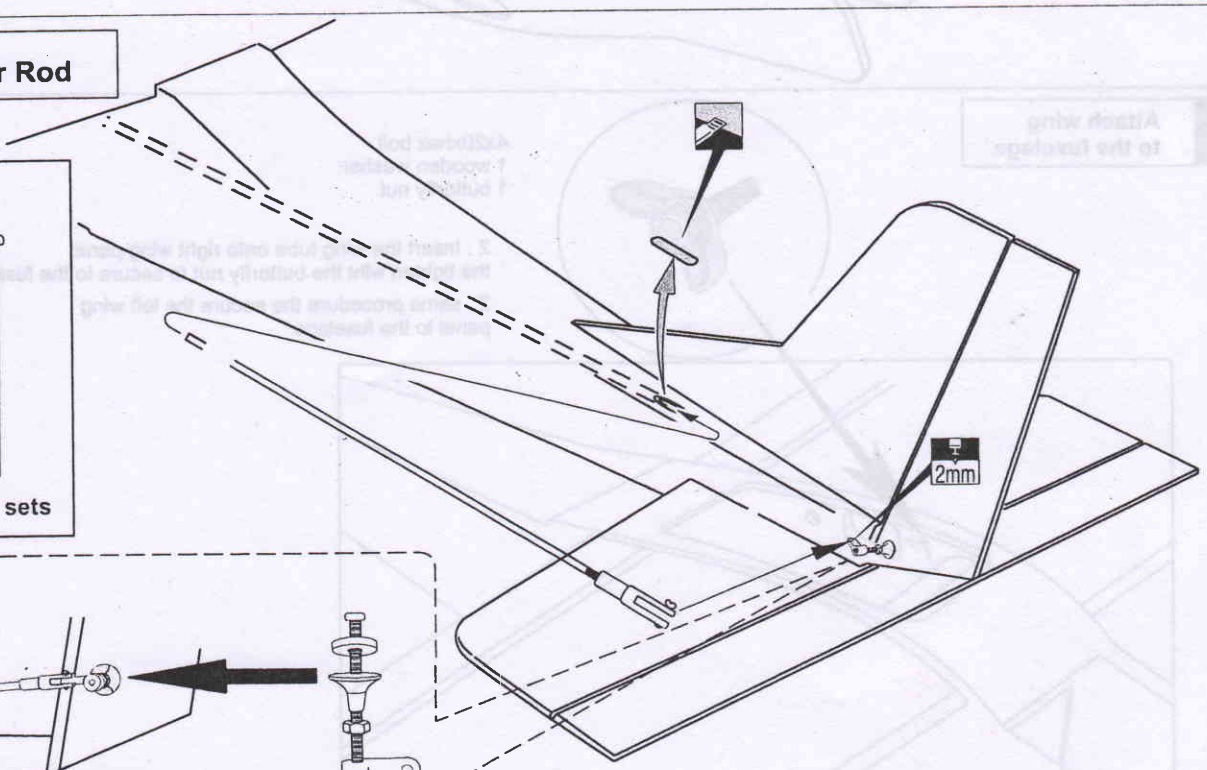
Warning! Set all screws securely. If they come off during flight you will lose control of your aircraft!

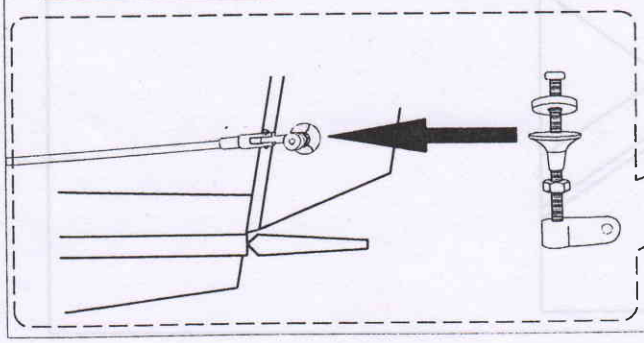
7 Linkage Rod



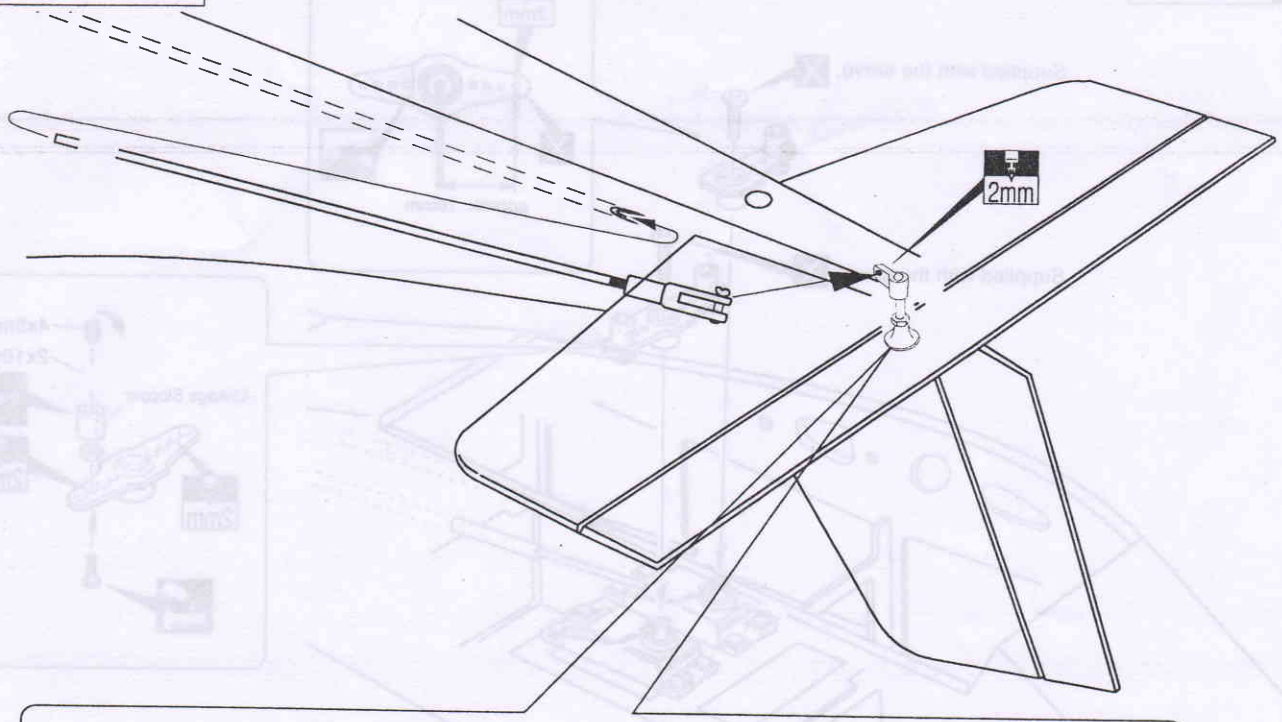
8 Rudder Rod

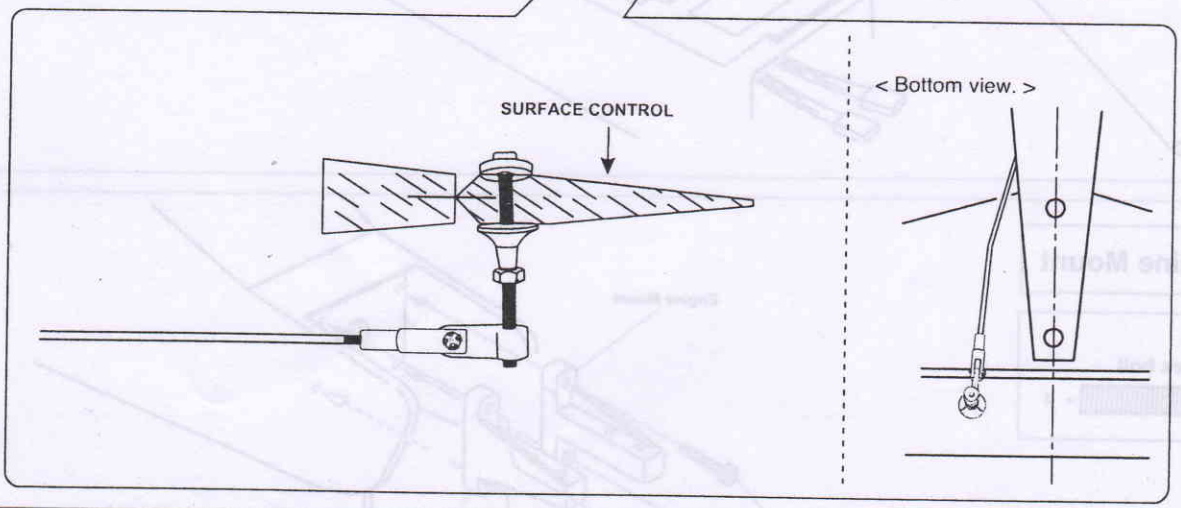




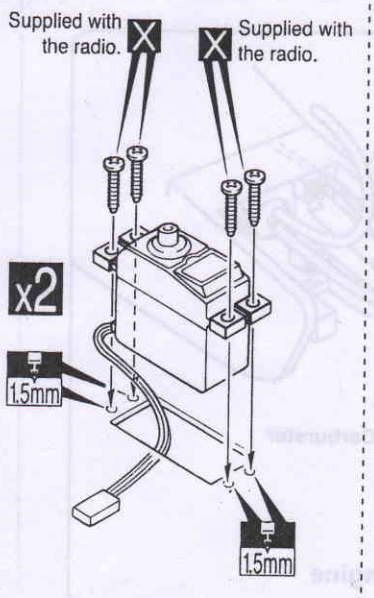


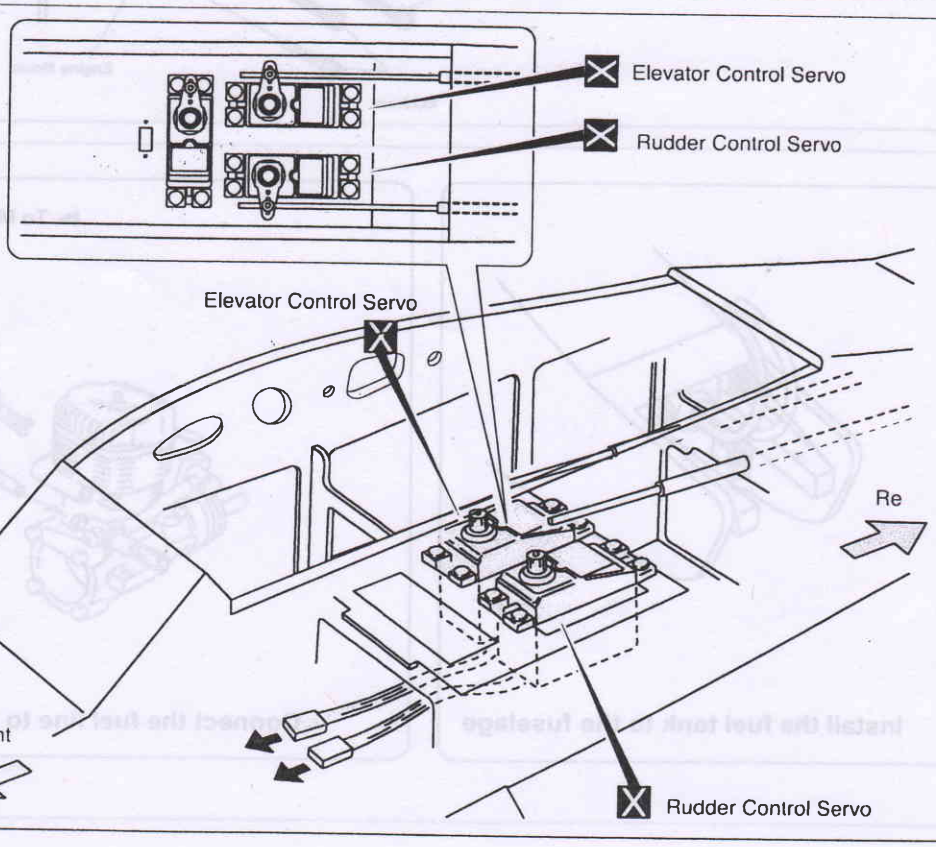
9 Elevator Rod



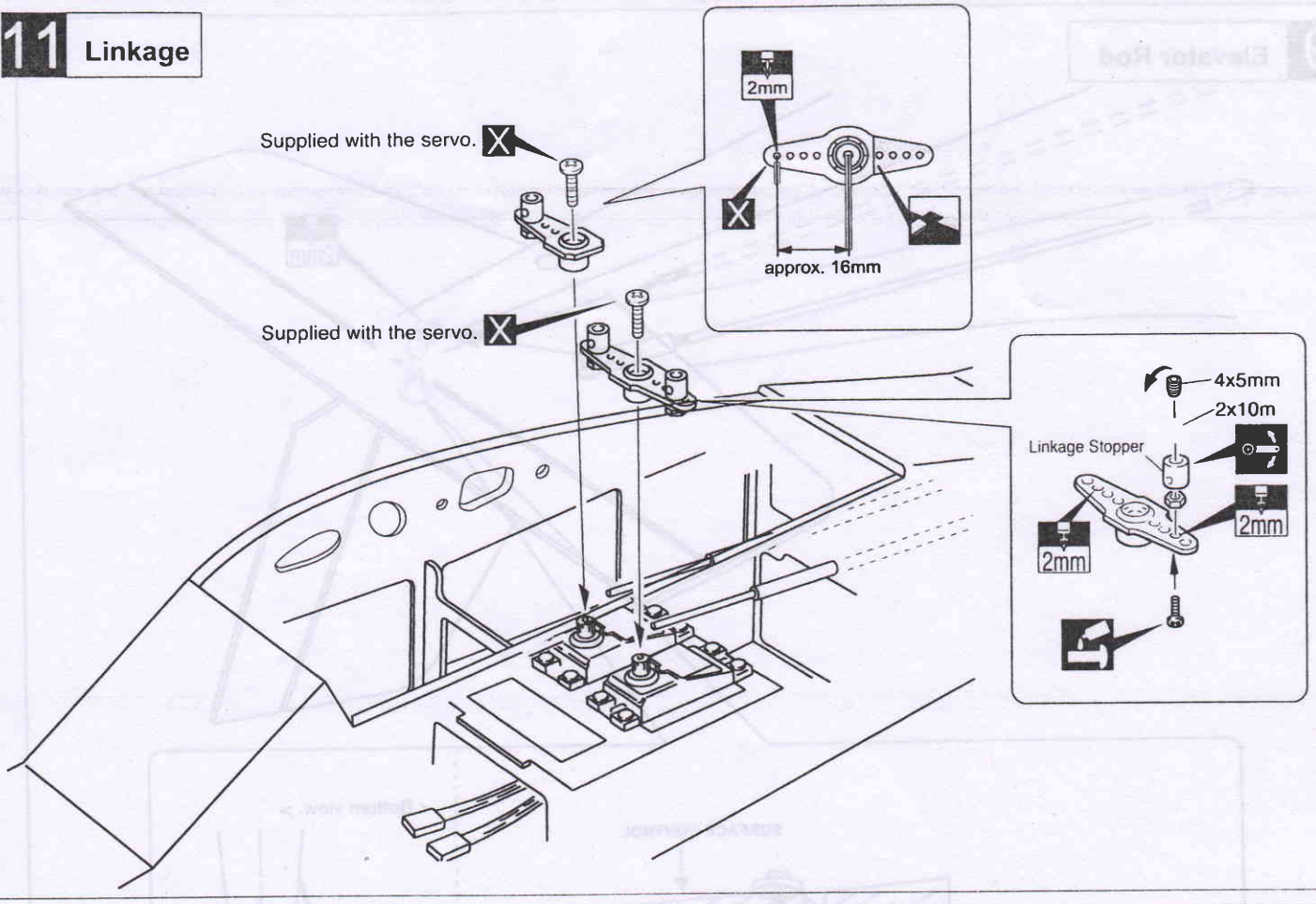


10 Servo

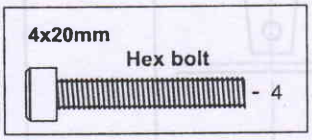


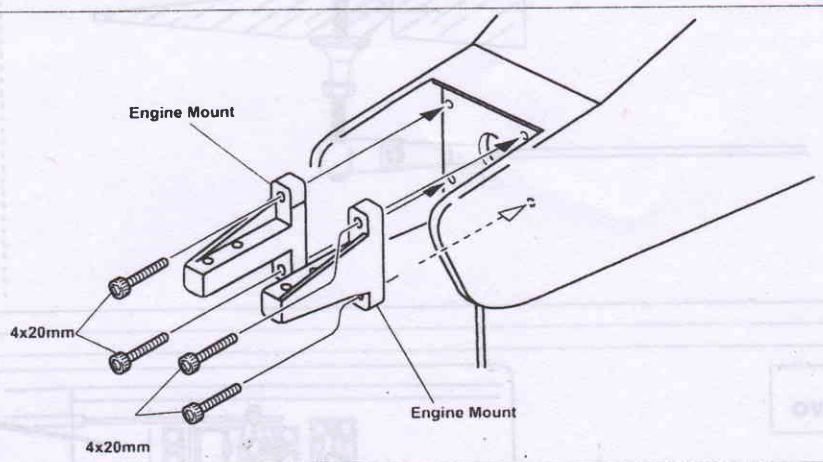


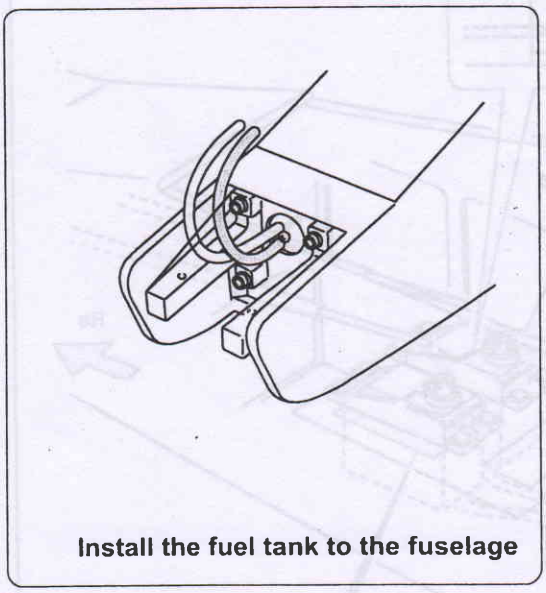
11 Linkage



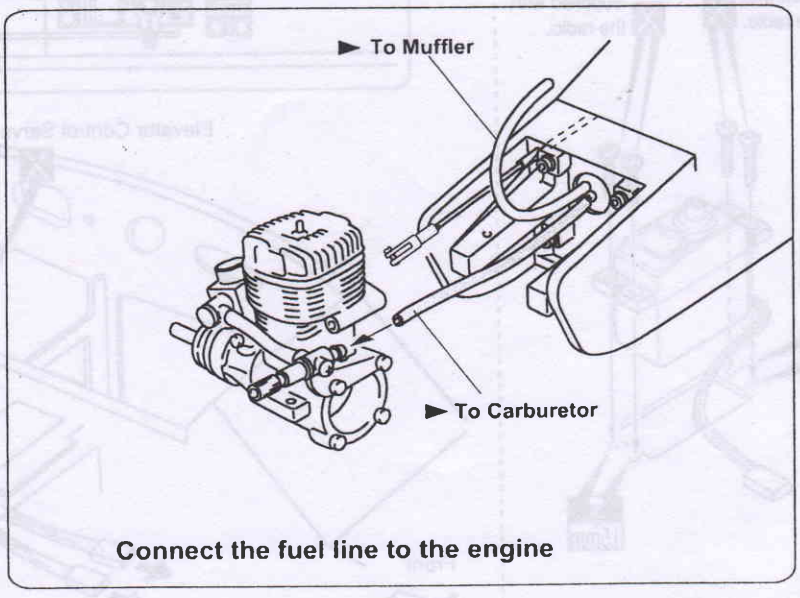
12 Engine Mount







Install the fuel tank to the fuselage



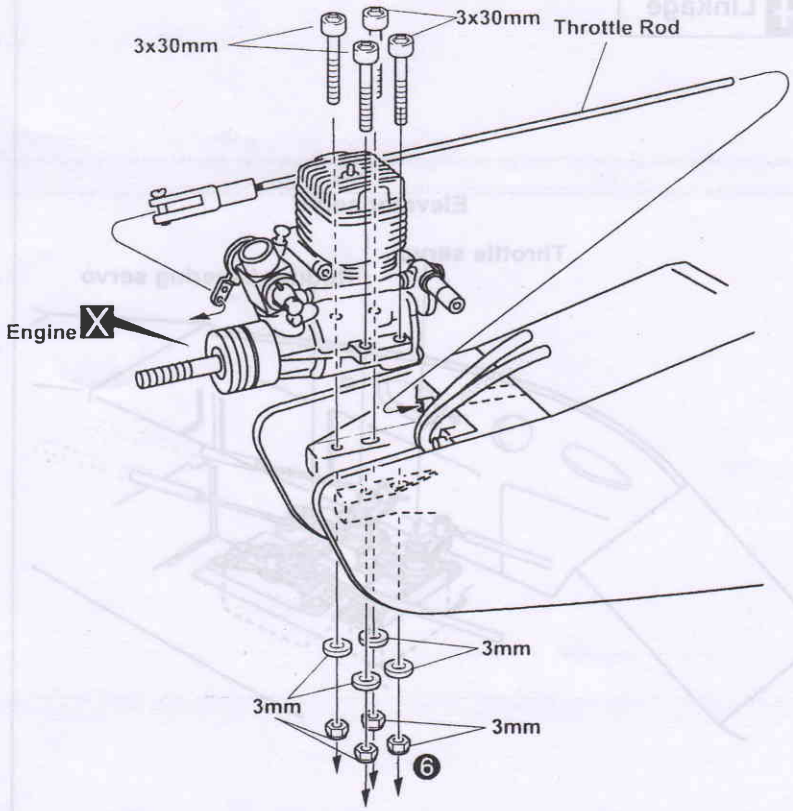
Connect the fuel line to the engine

12 Engine Mount

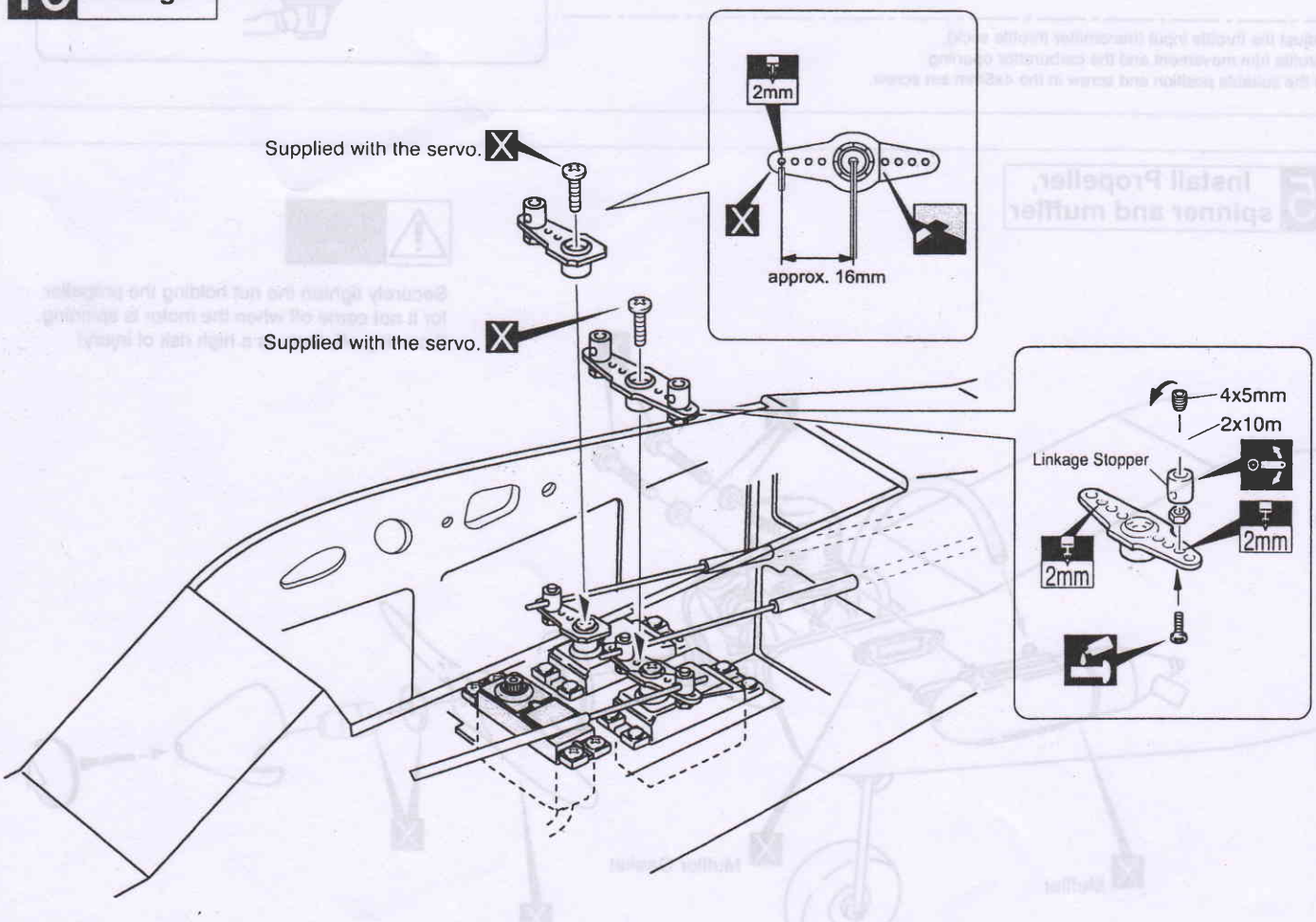
3 x 30mm Hex cap bolt — 4

3mm security nut — 4

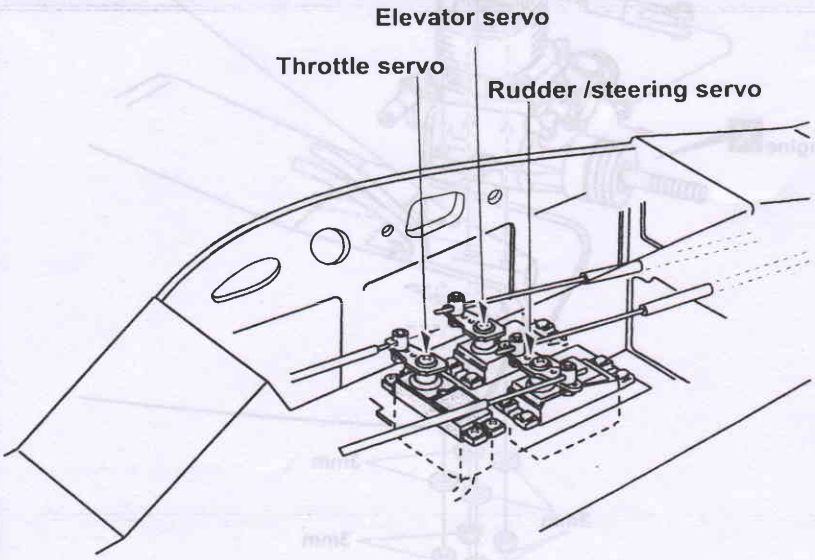
3mm washer — 4

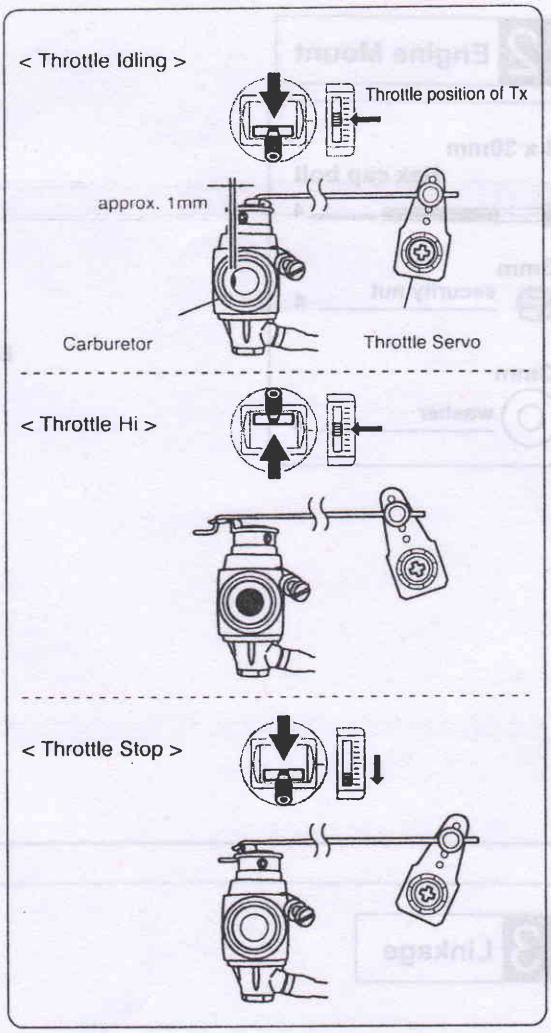


13 Linkage



14 Linkage



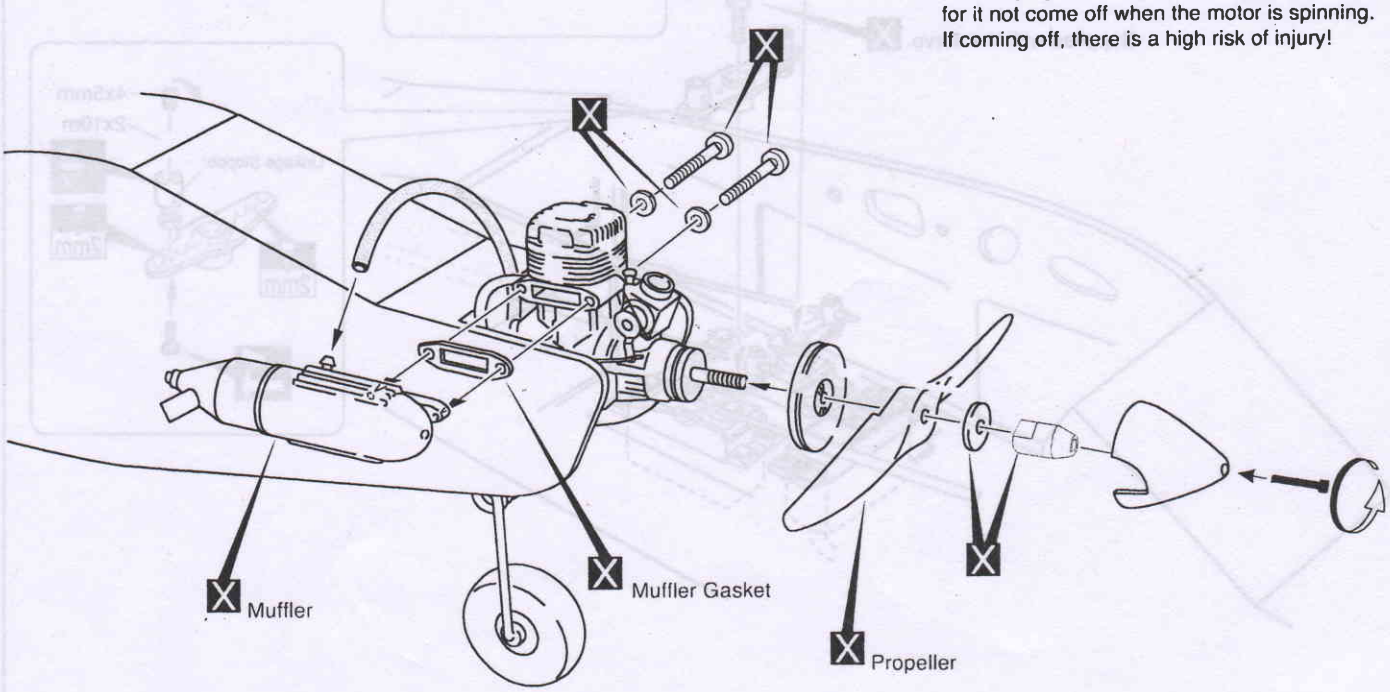


Adjust the throttle input (transmitter throttle stick), throttle trim movement and the carburettor opening to the suitable position and screw in the 4x5mm set screw.

15 Install Propeller, spinner and muffler

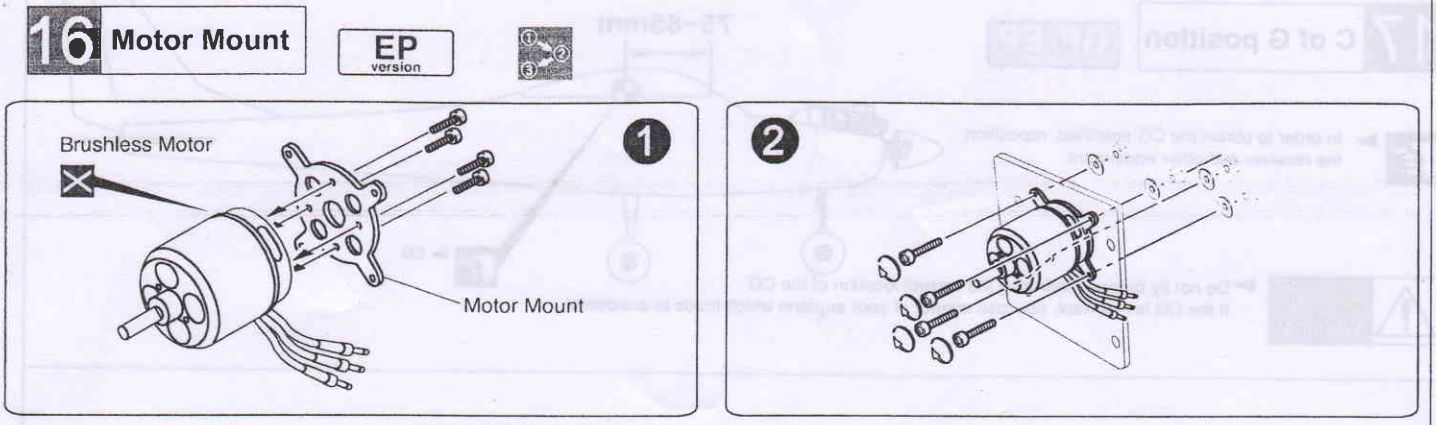
Warning!

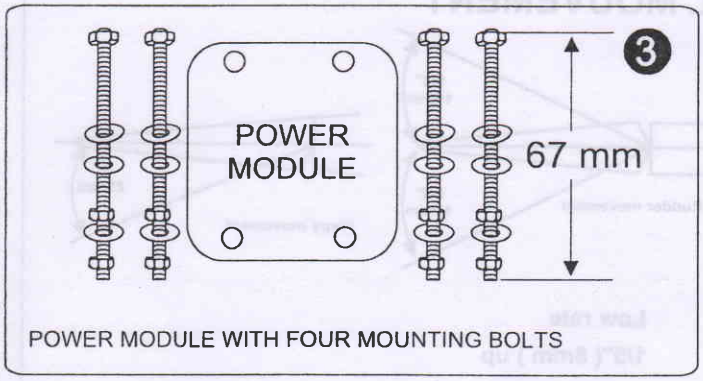
Securely tighten the nut holding the propeller for it not come off when the motor is spinning. If coming off, there is a high risk of injury!

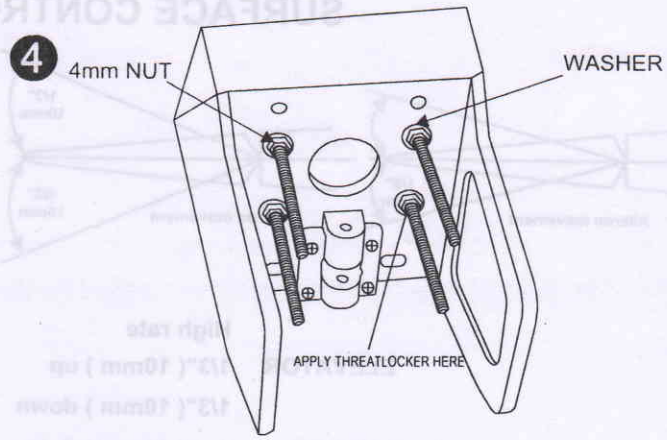


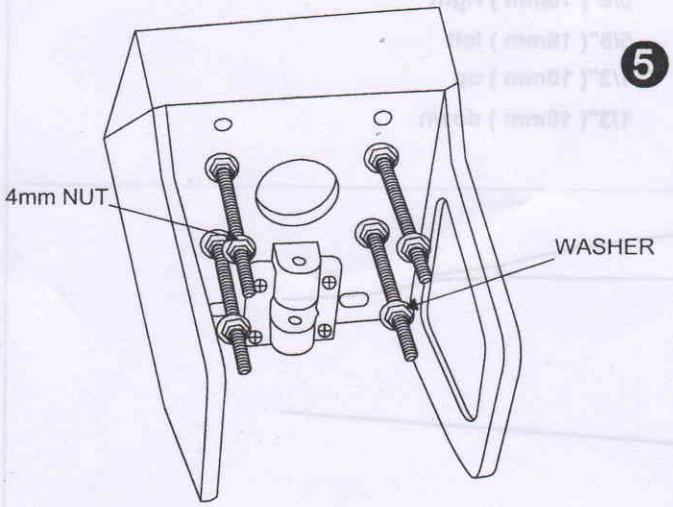
16 Motor Mount

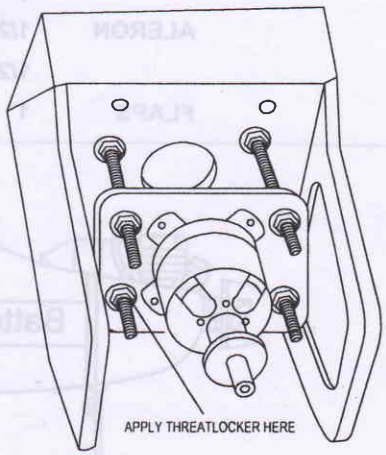
EP version

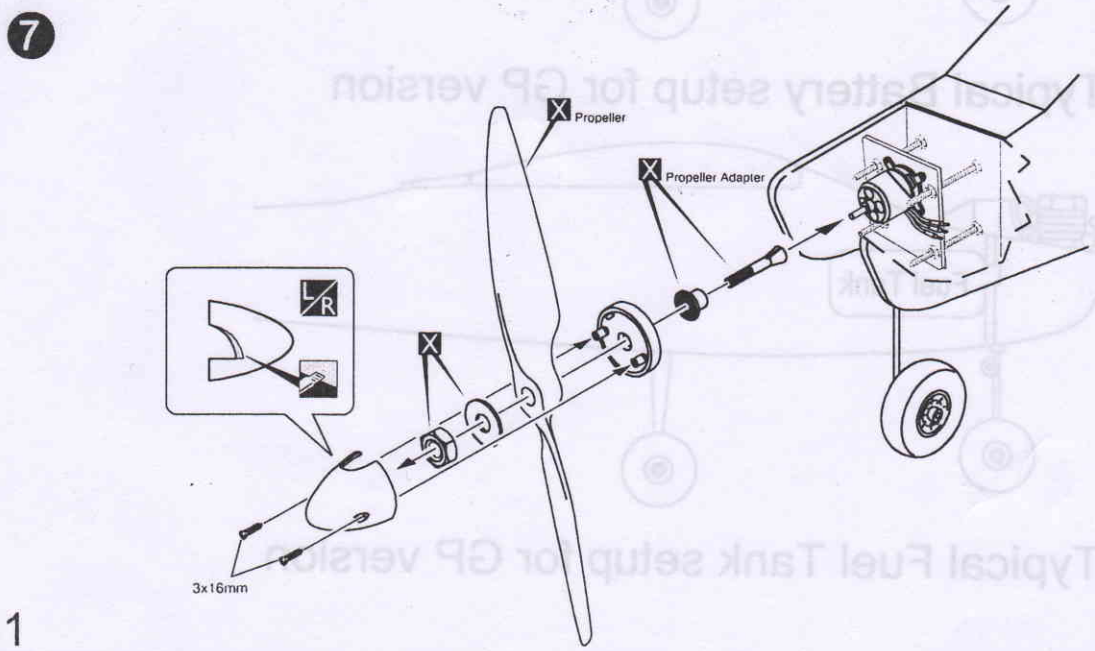






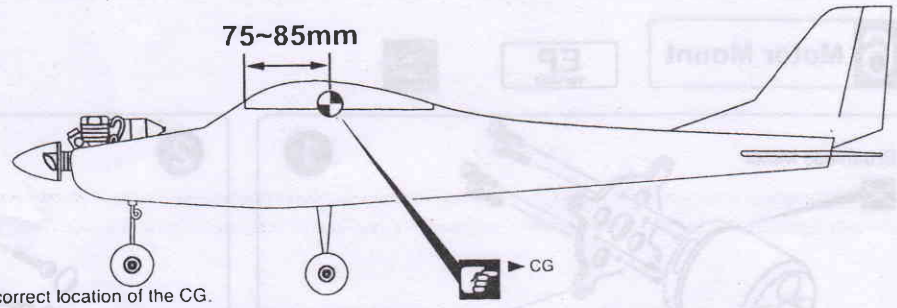






17 C of G position

GP/EP

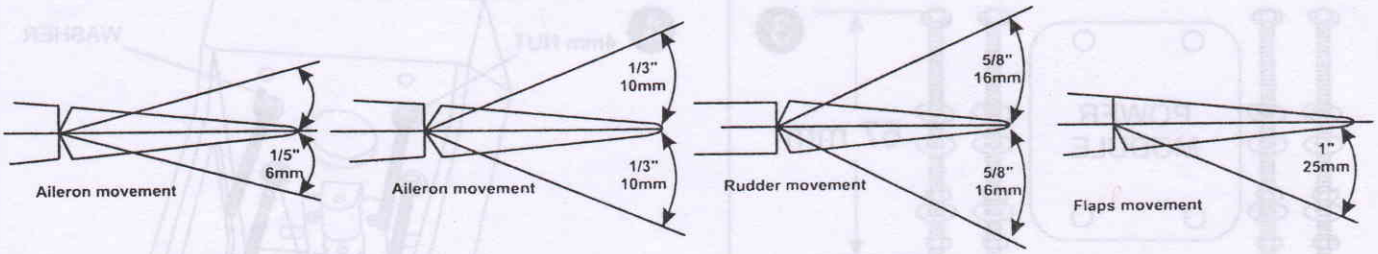


In order to obtain the CG specified, reposition the receiver and other equipment

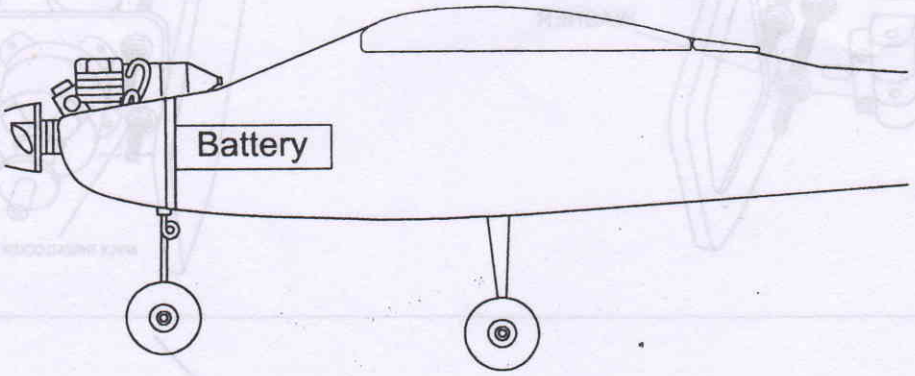
Warning!

Do not fly before confirming the correct location of the CG.
If the CG is incorrect, you lose control of your airplane which leads to accidents!

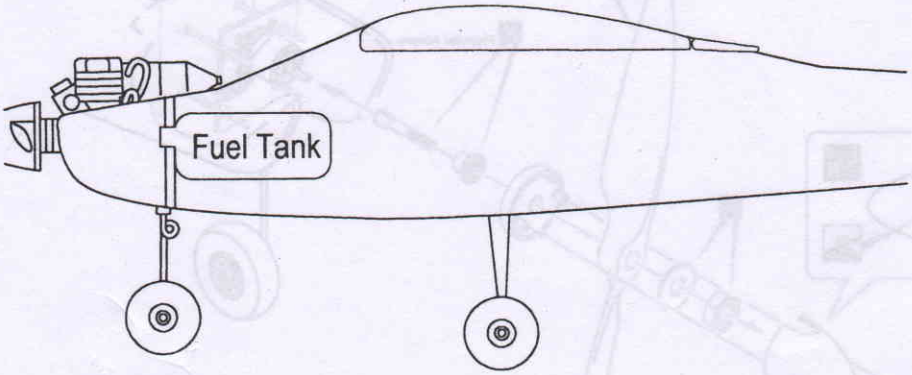
SURFACE CONTROL MOUVEMENT



	High rate	Low rate
ELEVATOR	1/3"(10mm) up	1/5"(8mm) up
	1/3"(10mm) down	1/5"(8mm) down
RUDDER	1 "(25mm) right	5/8"(16mm) right
	1 "(25mm) left	5/8"(16mm) left
ALERON	1/2"(16mm) up	1/3"(10mm) up
	1/2"(16mm) down	1/3"(10mm) down
FLAPS	1" (25mm) down	



Typical Battery setup for GP version



Typical Fuel Tank setup for GP version