

Before start ,please carefully read the explanations!

# Trainer jet Intro



## Specification :

**Length:** 2410mm/95in  
**Wing Span:** 2164mm/85in  
**Flying Weight:** ~12.3kg  
**Turbine:** 8~12kg  
**Radio:** Min. 8 Servos required  
**C.G:** 210~215mm from the leading edge

## 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.

## REQUIRED FOR OPERATION (Purchase separately!)



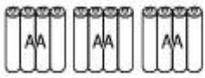
**CAUTION:** For details concerning the equipment listed below (size, maker, etc.), check with your hobby shop.

- 1** A minimum 6 channel radio for airplanes (with 8 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.

12 AA-size Batteries



A minimum 6 channel transmitter for airplanes.



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

- 2** Engine and Muffler

Model Airplane Engine 8-12 kg Turbine



**3**

Sponge Sheet



Gasoline tube



Fuel Filter

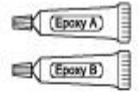


**4**

Glue Instant Glue



Epoxy Glue



**5**

Optional electric retract set



## TOOLS REQUIRED (Purchase separately!)

Sharp Hobby Knife



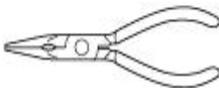
Phillips Screw Driver (l, m, s)



Awl



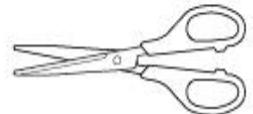
Needle Nose Pliers



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.



Apply epoxy glue.



Drill holes with the specified diameter (2mm).



Cut off excess.



Pay close attention here!



Apply instant glue (CA glue, super glue).



Cut off shade portion.



Ensure smooth non-binding movement while assembling.



Assemble left and right sides the same way.



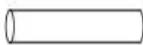
Must be purchased separately!

Do not overlook this Symbol!

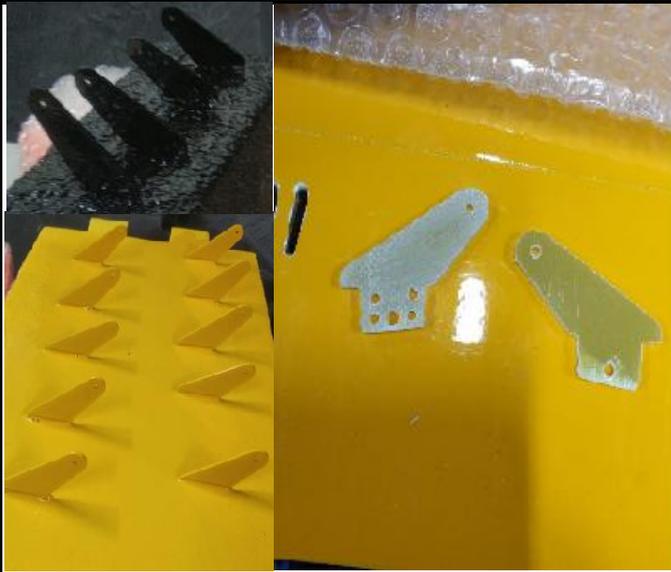


**Warning!**

## Accessories packing list

	TP Screw (2.3x8mm)	14		Wing tube (30x895mm)	1
	TP Screw (3x14mm)	20		Stab tube (14x575mm)	2
	Washer(3x6mm)	16		Vertical tube (14x248mm)	2
	Washer(4x8mm)	8		Push rod (76x2mm)	6
	Screw (3x10mm)	8		Push rod (88x2mm)	1
	Screw (2x12mm)	17		Rod (2X100mm)	2
	Locknut (2mm)	17		Retainer	2
	Screw (4x25mm)	8		Wood 22x20x9	4
	Horn	14		Gear door	1
	Clevis (2mm)	16		Ply frame for tail pipe	1
	Fuel tank	1			

1. Painting the control horns and preparing horns and slot for gluing .



2. Apply glue to the arm slots .



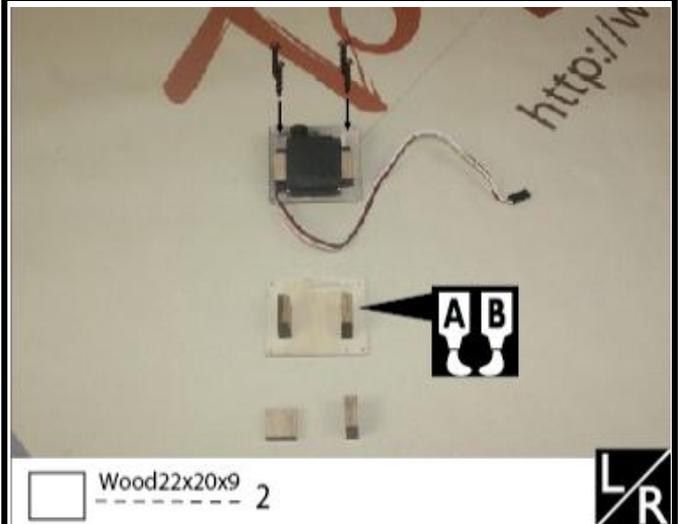
3. Horns glued in on wings - ailerons and flaps



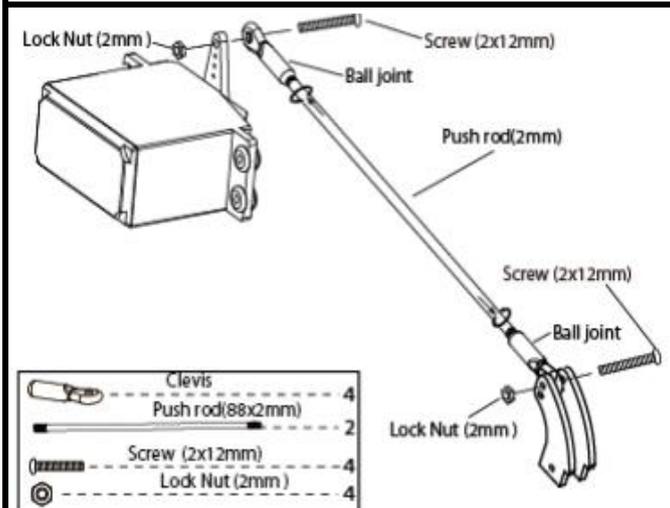
4. Nice and clean after tape removal



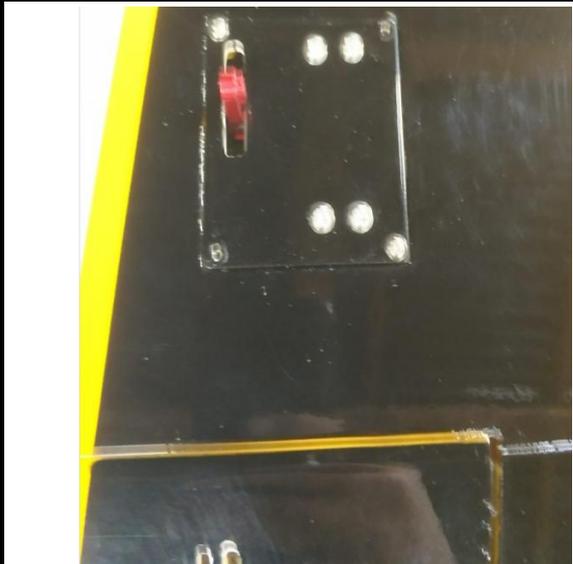
5. Epoxy the wood block to appropriate position on the servo tray, Install the servo to the servo tray as below.



6. The sketch map of how the servo arms connect to the horns.



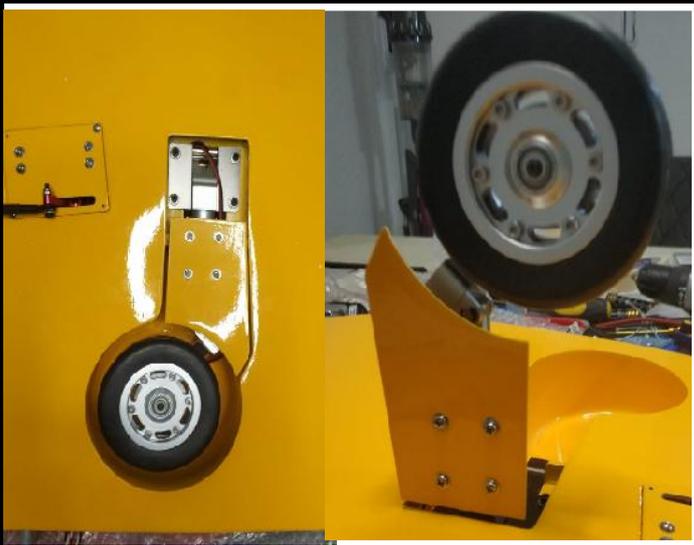
7. Install the servos in the wing utilising simple aluminum L brackets to hold them to the hatches .



8. Install the main landing gear to the wings with screws .



9. Mounting the main strut covers with the included hardware.



10. The wings are assembled ready .



11. Cutting out servo horn slots in the rudder and stabilizer .



12. Preparing rudder and elevator horns for gluing, horns glued in with structural epoxy.



13.Remove tape and testing servo deflection with 1" horn .



14.Elevator are ready .



15.Glue the hinges into the rudder .



16.Sitting in place and let it drying .



17.The vertical fin linkage completed with 3mm rod and HD ball links .



18.Install the nose landing gear to the fuselage with screws and test it .



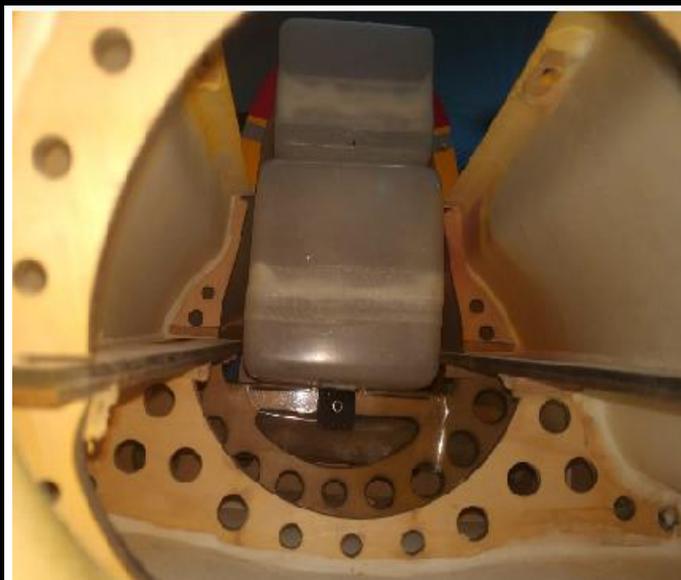
19. Tail fuselage harnesses done with protective sleeves, and routed .



20. Fuselage harnesses done with protective sleeves, and routed .



21. Fuel tank installed .



22. Fuses joined together with bolts .



23. Engine mount with M3 blind nuts installed .



24. Engine seated in place .



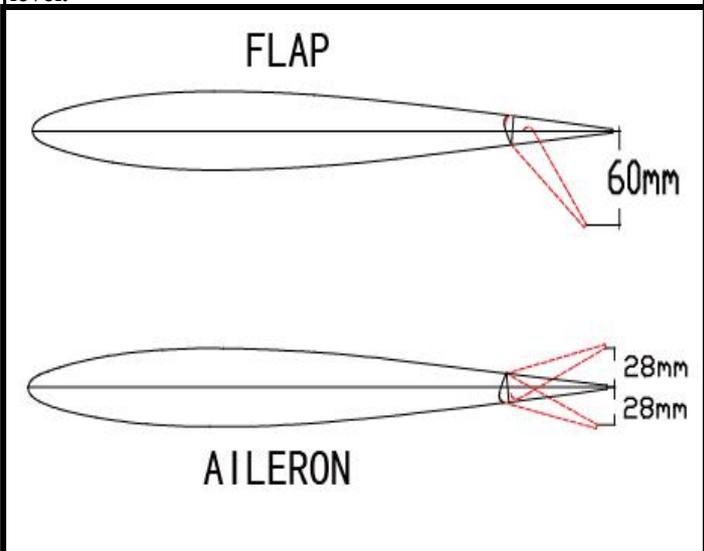
25. Fit the wings, the stabs and the vertical fin to the fuselage and lock them tightly.



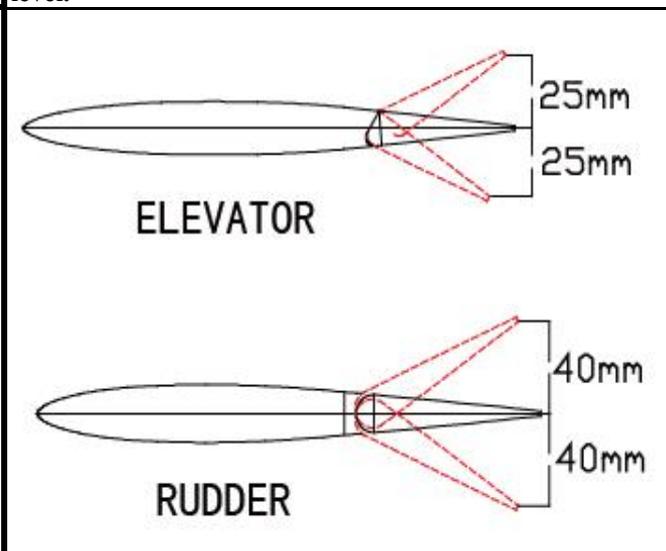
26. Fit the wings, the stabs and the vertical fin to the fuselage and lock them tightly.



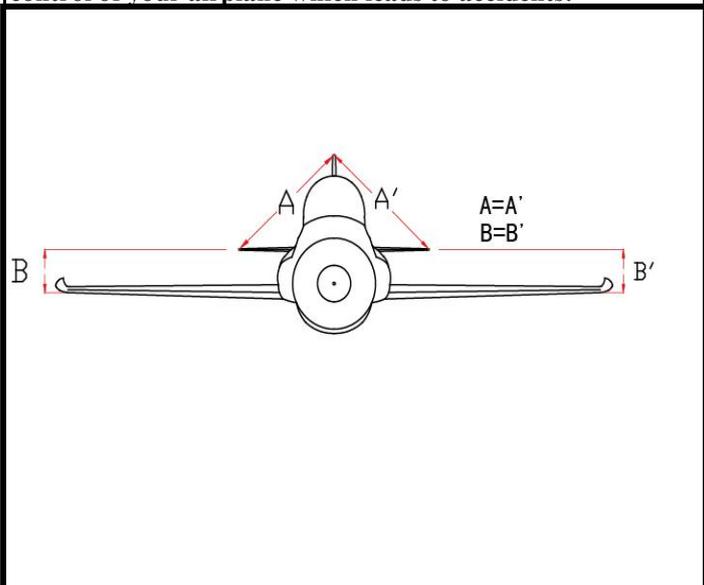
27. Adjust the travel of each control surface to the values in the diagrams. These values fit general flight capabilities. Readjust according to your needs and flight level.



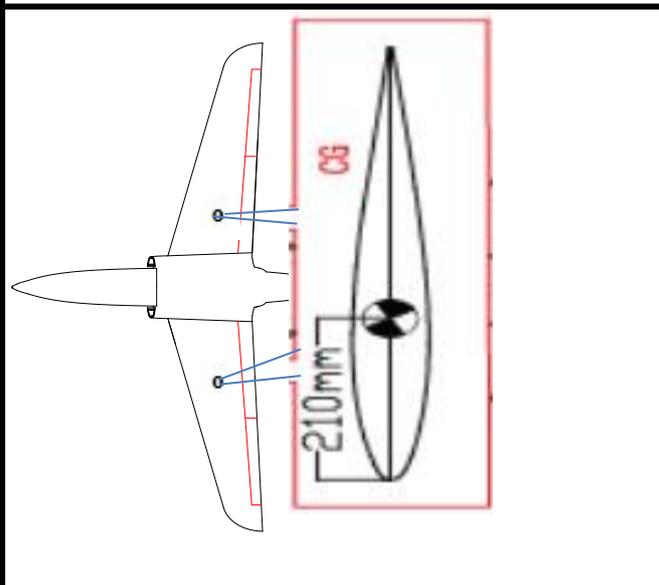
28. Adjust the travel of each control surface to the values in the diagrams. These values fit general flight capabilities. Readjust according to your needs and flight level.



29. Check all the data well. make sure all sections glue tightly. Otherwise if coming off during flights, you'll lose control of your airplane which leads to accidents!



30. C.G: Never fly before checking the CG's required position. Never fly the model without well balancing.





### Instructions :

1. After power on, press the test button for the first time. All hatch LIDS must be open and all landing gear must be open. If any hatch not be opened, the positive and negative of the related servo should be set; If the landing gear does not open, you need to convert the motor plug on the control box. This step is very important, and only by this way can it match the timing set of the program.

2. When setting up the forward and backward direction of the servo, better to plug all retract mode button to the upposition (Mode 1).

3. When setting the blocking current, it is necessary to know that the corresponding indicator light will be off during the operation of the retractable motor. When the retractable and retractable stand is in place, the motor will stop and the corresponding indicator light will turn on at this time. If the motor stops running, the indicator light is still off, indicating that the set blocking current is too large. At this time should reduce the blocking current, to ensure that the motor after blocking, the corresponding indicator light is on. Otherwise, the electricity will be easily damaged .

Therefore, during the process of use, should pay attention to the state of the corresponding indicator light.

I. Working voltage: 6-8.4V (12V power supply for large landing gear, please contact the owner)

II. The blocking current is adjustable. It is suitable for all electric retraction racks under 35KG on the market.

III. The power supply voltage of the steering gear on the hatch cover can be set

IV. The forward and backward direction and stroke of the door servo can be set separately

V. Each gear door servo can be set with 2 modes of retracting separately (1. After the landing gear opened, the gear door will not be retracted; 2. Landing gear open, gear door retracted)

VI. Specification: three in one controller(74\*64\*15MM)