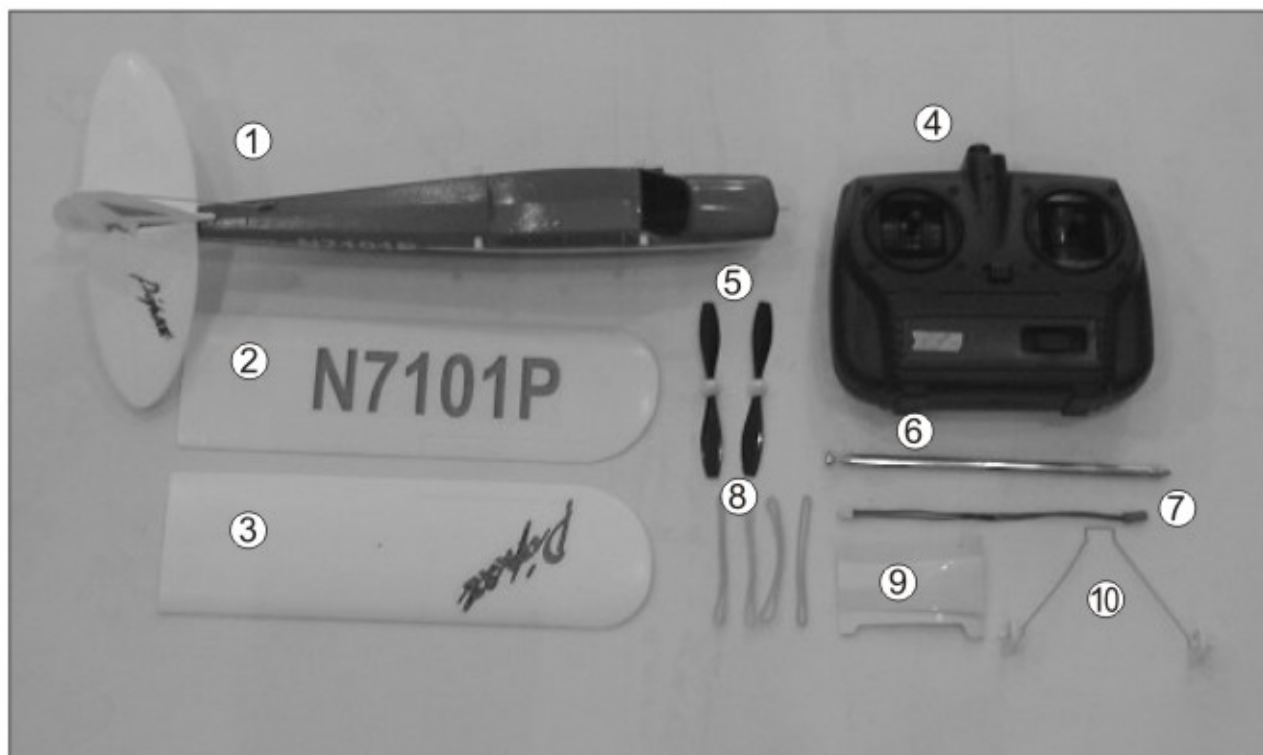


## KIT CONTENTS

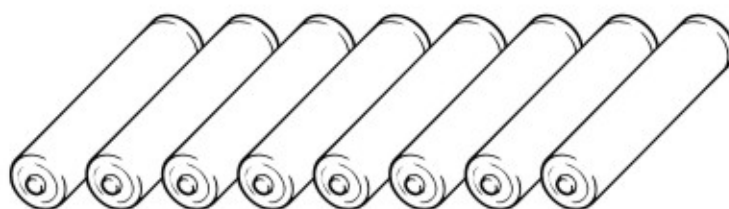
▲ AFTER YOUR PURCHASE OF THIS KIT, PLEASE CHECK THE CONTENTS AGAINST THE FOLLOWING. IF YOU FIND ANYTHING MISSING PLEASE CONTACT THE SHOP FOR REPLENISHMENT.



- |                   |                          |                            |
|-------------------|--------------------------|----------------------------|
| ① FUSELAGE        | ④ TRANSMITTER (TX)       | ⑦ CHARGING CONNECTION WIRE |
| ② LEFT MAIN WING  | ⑤ REPLACEMENT PROPELLERS | ⑧ RUBBER BANDS             |
| ③ RIGHT MAIN WING | ⑥ ANTENNA                | ⑨ WING BRACE               |
|                   |                          | ⑩ LANDING GEAR             |

## OTHER ITEMS

AA-sized Batteries — 8 pieces (Transmitter)

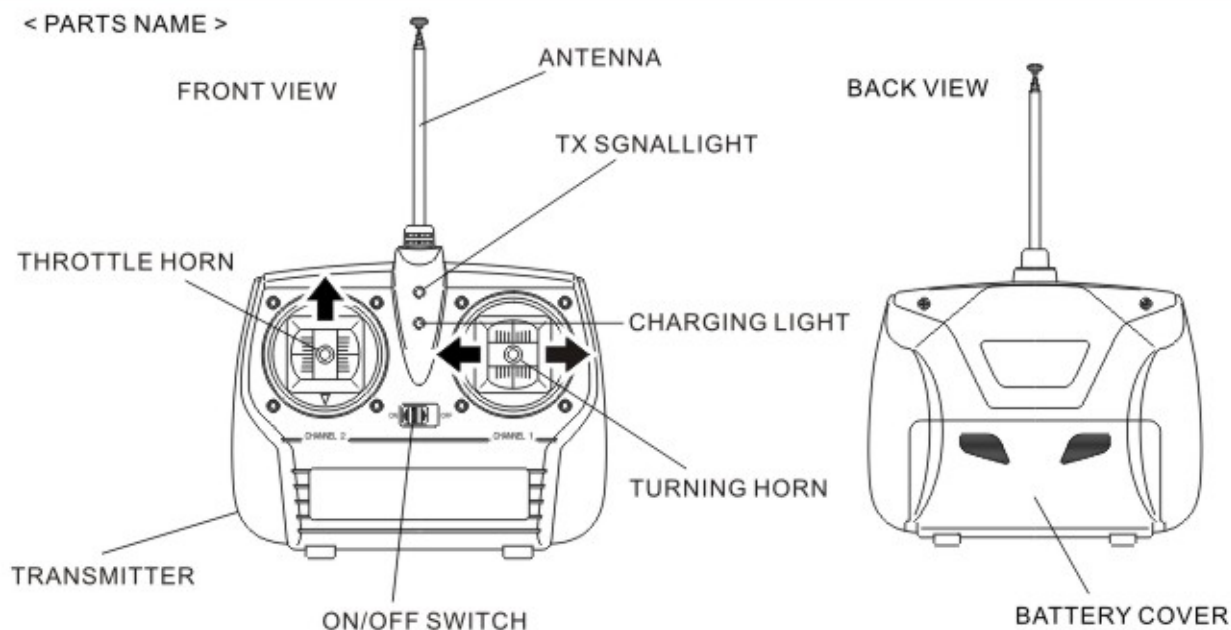


## SAFETY WARNING :

- ▲ Fly away from people or obstacles to avoid accidents
- ▲ Don't alter the included NI-MH battery pack.
- ▲ If the propeller is broken please don't try to repair it, just use the replacement propellers included in the kit.
- ▲ Never leave a charging battery unattended to avoid overcharging the battery and the resulting accident.
- ▲ Never dispose of NI-MH battery pack into fire, high temperature can cause explosion of the battery.

## TRANSMITTER (TX)

### < PARTS NAME >

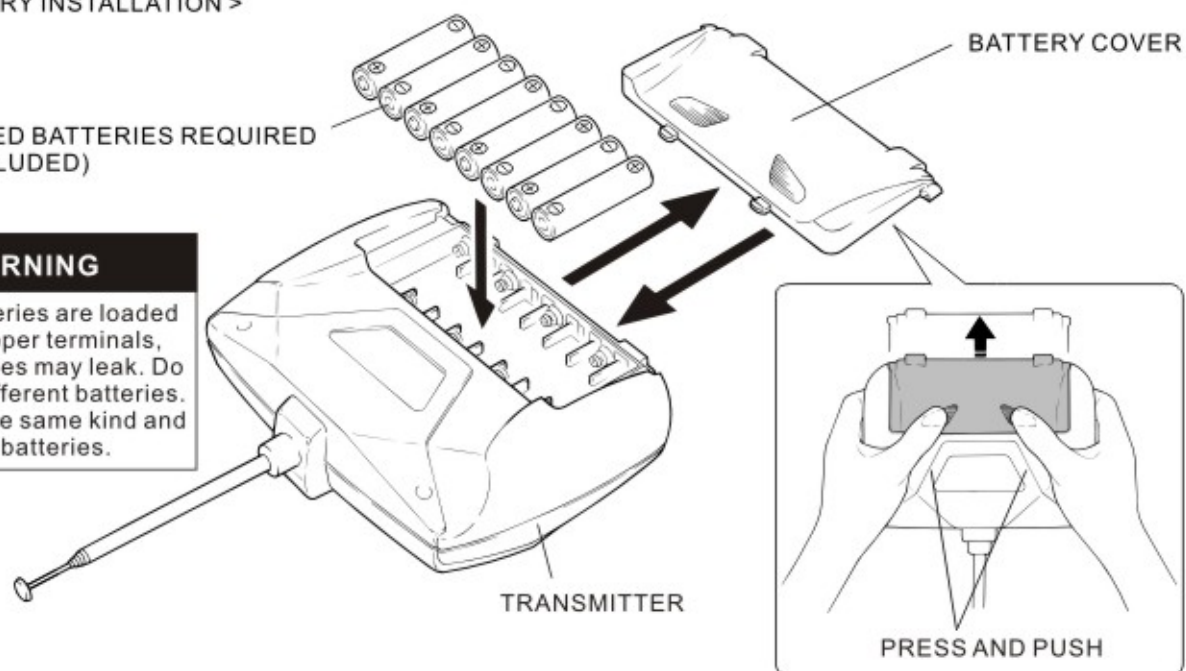


### < BATTERY INSTALLATION >

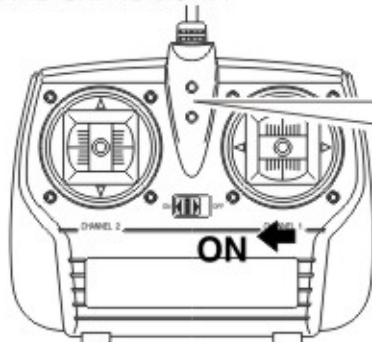
8 "AA" SIZED BATTERIES REQUIRED  
(NOT INCLUDED)

#### WARNING

If the batteries are loaded with improper terminals, the batteries may leak. Do not mix different batteries. Always use same kind and fresh new batteries.



### < INDICATING LIGHT >

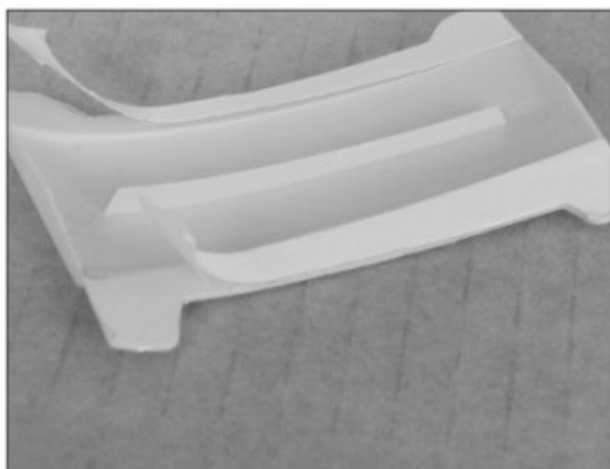


▲ When you switch on the TX, the TX signal light will illuminate while the charging light is off. This indicates proper installation of the batteries, otherwise please check if the batteries are installed upside down or they are worn and need to be replaced.

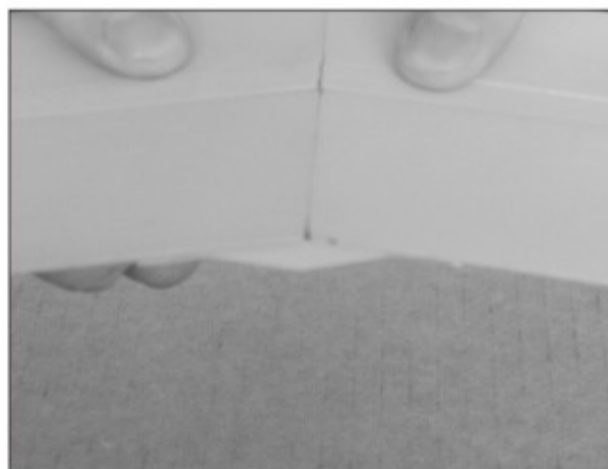


## AIRPLANE ASSEMBLY

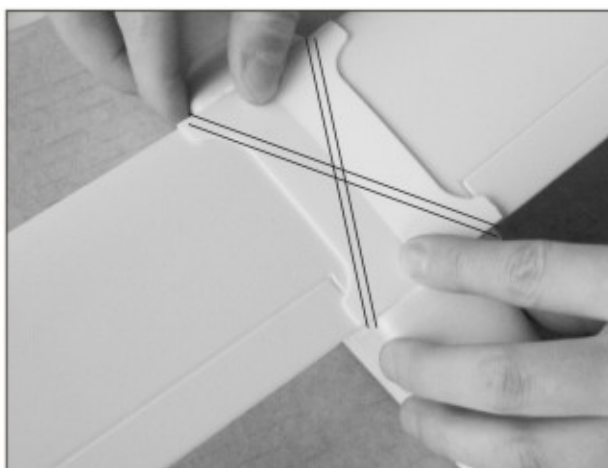
▲ SWITCH OFF THE ON/OFF SWITCH BEFORE BATTERY INSTALLATION.



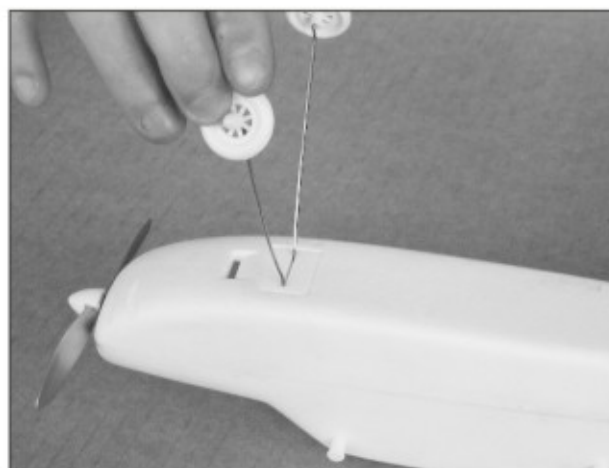
▲ Remove backing paper from the double sided tape on the wing brace.



▲ Attach the wing to the wing brace.



▲ Mount the main wing (joined by the wing brace) to the wing mounting area on the fuselage , fasten it with included rubber band in crisscross as shown in the diagram



▲ Gently push the landing gear wire into the mounting slot on bottom of the fuselage. Direction as shown in the diagram.

## FLYING CAUTIONS

- ▲ Before flying, please check and make sure there is no models in same frequency being played concurrently.
- ▲ Don't fly in wind speed of more than 3 meters per second.
- ▲ Flying site recommendation :
  1. A plain will be the most ideal site for flying
  2. No high trees, buildings and power lines in a range of 200 x 200 meters
  3. It is best that the pilot stand in the center point of the flying spot.

## HOW TO USE THE CHARGER



- ▲ 1. The rechargeable battery pack is pre-installed in the fuselage, please charge it before use.
- 2. Please charge under adult supervision.
- 3. Switch off the transmitter and the plane, plug in the charging connection wire as shown in the diagram.
- 4. During charging the green light illuminates, when the light shut OFF it denotes charging complete.
- 5. An completely discharged battery pack can be fully charged in 10 minute If it is not completely discharged then shorten the charging time accordingly.

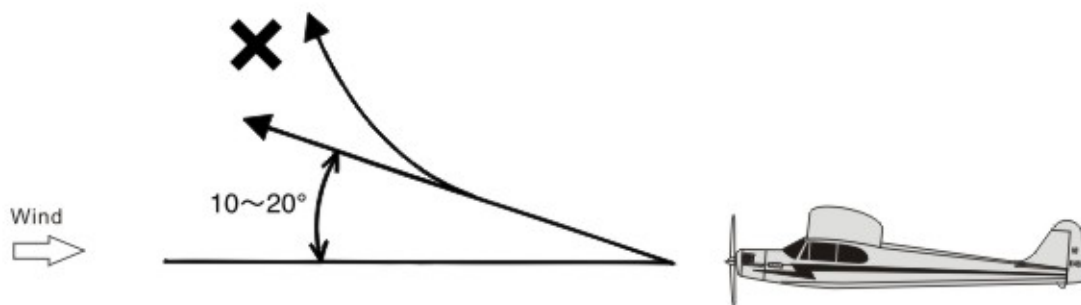
**NOTICE:** Please install 8 "AA" alkaline batteries before charging.

## FLIGHT

- ▲ Hold the transmitter with your left hand and the plane in your right hand, push the throttle horn forward to the peak with your thumb to make the motor run at maximum speed. Toss the plane into the wind.

**CAUTION :** 1. When launching the plane you must keep the wing level, never throw the nose upwards or downwards.  
2. Never toss the plane with the wind to avoid damage to the plane.

In normal condition, the plane climbs in an angle of 10-20 degree. In case it turns left or right automatically, please switch off the power immediately and let the plane glide down freely, then adjust the plane as described hereinafter.



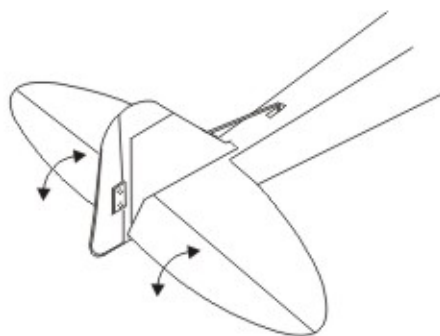
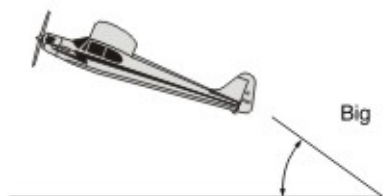


## ADJUSTMENT

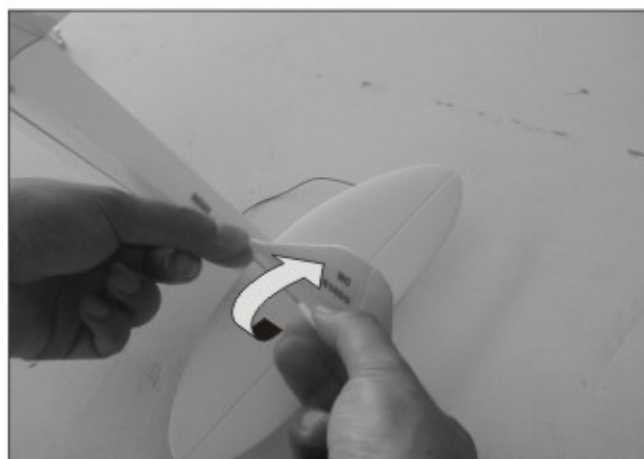
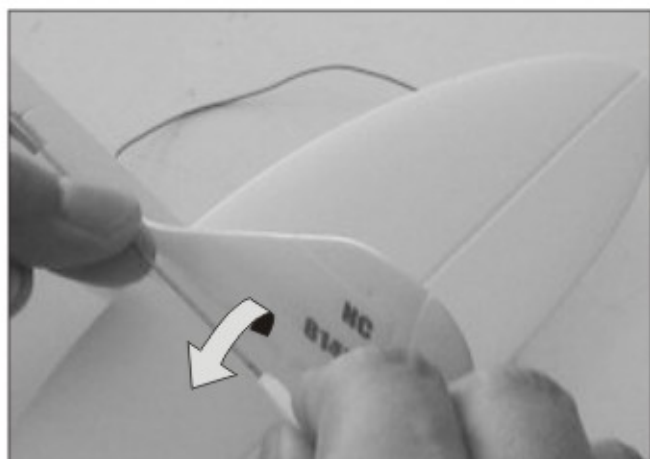
- ▲ Climb too slowly or not climb, bend the aileron (the adjustable tab horizontal tail up slightly)



- ▲ Conversely, bend the aileron down slightly.



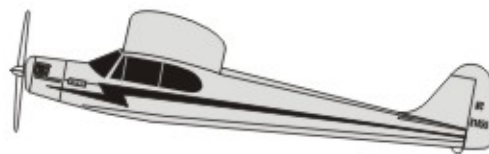
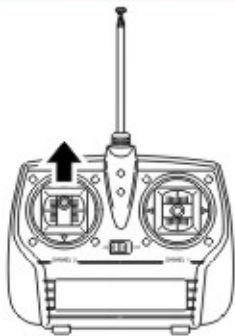
- ▲ If your J-3 follows a left or right track automatically without your control, then do as below :



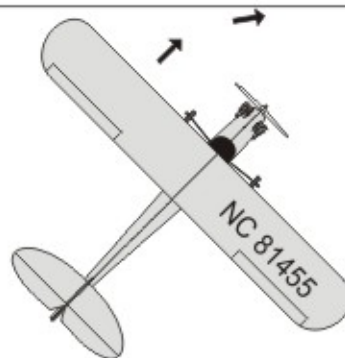
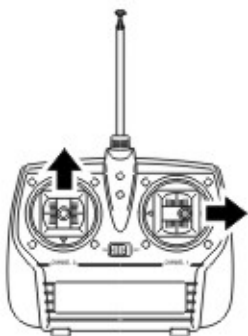
- ▲ If the model automatically turns left without your control, please release the clevis and anticlockwise rotate it 1-2 rounds, then reattach it to the pushrod. Vice versa.

Note : After adjustment of the clevis, please check if the control surface can move properly, if the control surface is stuck and can not move smoothly, please adjust the clevis to prevent it from contacting the fuselage, and make sure the rudder can move leftwards or rightwards freely.

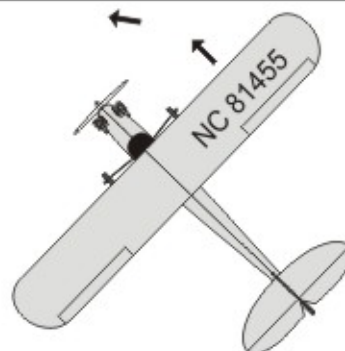
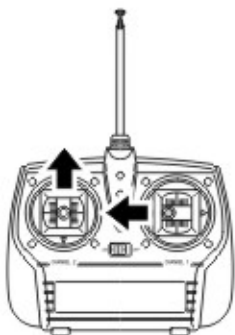
## FLIGHT CONTROL



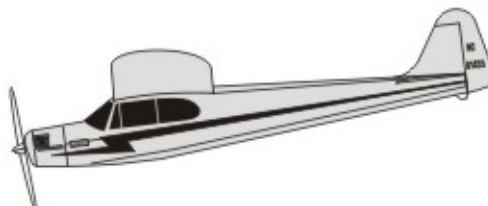
- ▲ **TAKE OFF (CLIMB):** Push the left stick (throttle) on the transmitter forward to drive the motor on to the maximum speed. The plane will climb due to the thrust produced by the rotation of the propellers.



- ▲ **RIGHT TURNING:** To turn right, move the turning stick (the right stick) to right, push left stick forward.  
**NOTE:** Please don't hold the stick to right too long, it is recommended to move it a little hitch each time then release it and the stick will spring back to its neutral position, repeat the step until ideal turning is achieved.



- ▲ **LEFT TURNING:** To turn left, move the turning stick (the right stick) to left, push left stick forward.  
**NOTE:** Please don't hold the stick to left too long, it is recommended to move it a little hitch each time then release it and the stick will spring back to its neutral position, repeat the step until ideal turning is achieved.



- ▲ **LANDING:** The landing process is fairly simple, just free the left and right stick.  
**NOTE:** Please land the plane as straight into the wind as possible, and make sure no obstacles on the landing route. Please use the left / right turning function to rectify the landing route if needed.

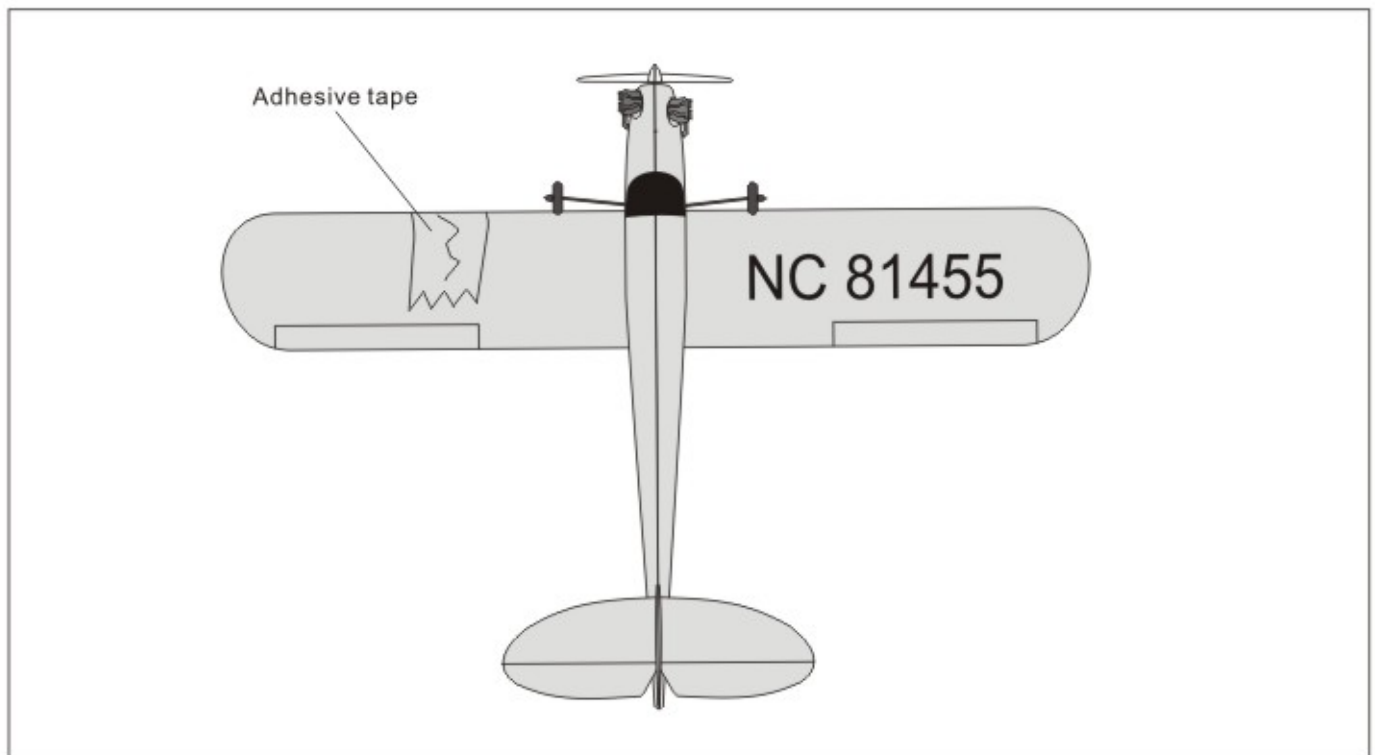
### CAUTION :

- A.** Radio control range of this plane in the sky is no more than 90 meters, please take notice in flight, in case you accidentally fly your plane out of this limited range, the plane will cut off its power automatically to enable the plane to land.
- B.** If the plane dives rapidly by improper control, simply free your hands on the two control sticks, let the plane resume its normal attitude, then you can control it again.

### WORKS AFTER FLIGHT

AFTER LANDING, YOU STILL NEED TO DO THE FOLLOWING JOB:

1. Switch off the airplane
2. Switch off the radio transmitter
3. Repair the fuselage as shown in the following diagram by some transparent adhesive tape any damages in case of.
4. Rub the plane with a piece of clean cloth.



REPAIR PLANE

## **FCC STATEMENT**

1. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **FCC ID : XWHCF0901**

This device complies with part 15 of FCC rules:  
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.