

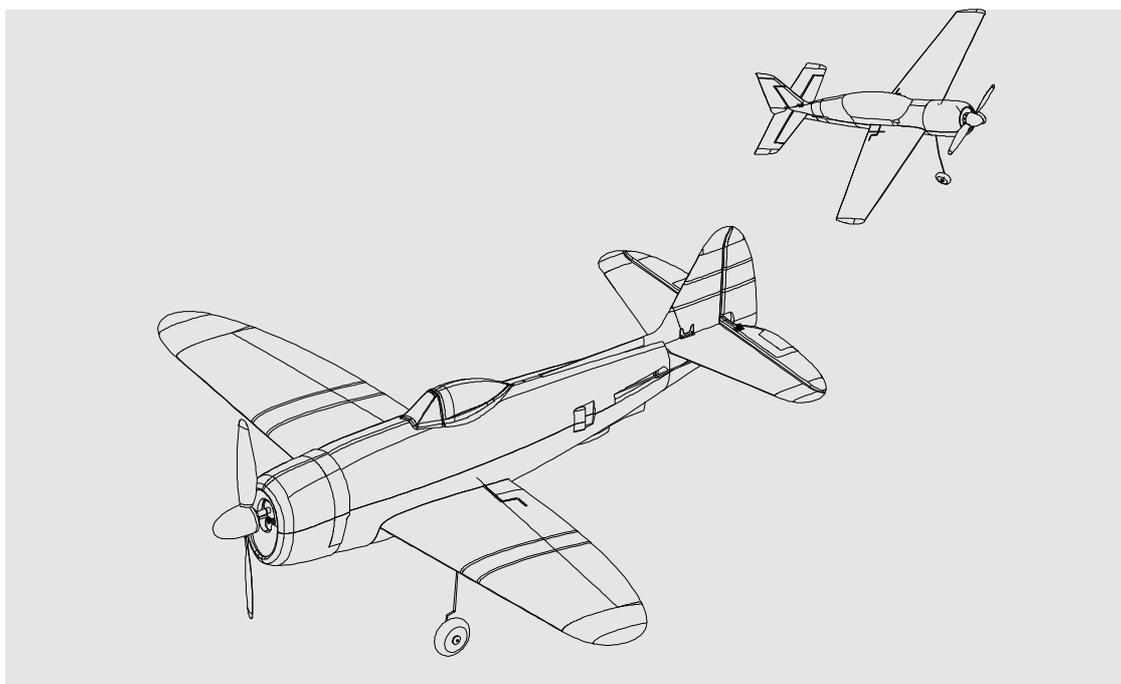


Nine Eagles®

P47 and Yak54

NE R/C 777/778B Four channel

Instruction Manual



NOTHING FLIES LIKE NINE EAGLES

■ 777/778B100816

User Handbook

Congratulations on becoming a Nine Eagles® airplane pilot!

To ensure safe use, please read this manual thoroughly before flying the Airplane. If you have never flown an RC Airplane before, This airplane is your best choice!

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Introduction

P47 and Yak54 are Subminiature fighter planes, easy to control, unique in the market. They have micro propeller / motor unit with automatic crash stop function. The airplanes have been assembled completely in the factory and ready to fly. The perfect place for flying is a gym because they are small in size. Meanwhile, owning a strong power and advanced remote control technology, the airplanes also can fly outside in the wind as strong as second or third-grade. Like the other products of Nineeagles, the two planes are with 4 CH, 2.4GHZ control technology and modes transferable technology. With Proportional throttle, aileron, rudder and elevator, together with very realistic appearance, the airplanes can give you the pleasure which only exists in the flight of fighter planes. One point needs to be emphasized---having Strong power, and larger aileron area ,Yak54 can easily realize 3D special function performance.

FCC INFORMATION AND WARNING

Caution :

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

Compliance statement:

1: This device is verified to comply with Part 15 of the FCC Rules.

Operation 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: 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.

Product Warning

P47 and Yak54 are not a toy. Children under 14 years old are strictly forbidden from flying this airplane.

You must fly this airplane safely.

When flying or preparing the airplane for flight you should strictly adhere to the instructions. Ensure that yours and other people's hands, and face are kept away from the rotating parts.

Always use the airplane outdoor areas that are free of wind. Never fly close to or above others.

Always unplug the airplane battery before turning off the transmitter when the airplane is stopped.

LiPo Battery Safety Guidelines and warning

Airplane uses a lithium polymer battery. Always comply with operating instructions for the lithium polymer battery to avoid accidents such as combustion or explosion.

Always use a genuine Nine Eagles® charger and power adapter designed for this airplane.

Always unplug the charger and adapter from the electrical outlet after completion of each charge.

Never overcharge the battery, avoid use under direct sunlight or near fire. Ensure the battery is kept dry.

Never store or transport the battery with metal objects.

Never disassemble the battery.

Never use wet hands when in contact with the charger, battery or power adapter.

When you fly the airplane, keep distance from other electrical equipment, magnetic objects, wireless devices, etc, to avoid interference and accidents.

If you are unsure of how to charge the battery included with this product, please seek the advice of your local hobby shop.

Charging and discharging the batteries has the potential for fire, serious injury to persons and damage to property. The user of this battery agrees to accept responsibility for all such risks. Nine Eagles®, its affiliates, distributors, and retail partners can not control the use, application, charging or installation of this product and shall not be held responsible for any accident, injury to persons, or damage to property resulting from the use of this product. Read all safety guidelines, charging instructions, and battery disposal instructions before using batteries. Store battery packs out of the reach of children and pets. Children under the age of 18 must be supervised by a responsible adult. Children under 14 years of age should not be permitted to use this product under any circumstances. This product contains chemicals known to the State of California to cause Cancer, Birth Defects and other Reproductive Harm.

Li-PO BATTERY WARRANTY

This product is warranted against defects in original material and workmanship only. No term warranty is offered with this product. In no case shall Nine Eagles® liability be greater than the actual retail purchase price of this product.

SPECIFIC SAFETY GUIDELINES

1. Store in a fire proof container and charge on an open fire proof surface.
2. Charge in a protected area devoid of combustibles. Never leave the charging process unattended.

3. In the event of damage carefully remove the battery to a safe place to observe for at least half an hour. Damaged batteries are likely to explode. Never attempt to charge a damaged battery, no matter how slight the damage is. Dispose of damaged batteries as the instructions below.
4. Only use the Nine Eagles balanced charger designed for this battery. Never use chargers designed for Ni-CD batteries. If the batteries show any sign of swelling, remove them to a safe place outside as they could erupt into flames.
5. MOST IMPORTANT – Never plug in a battery and leave to charge overnight. Serious fires have resulted from this practice.
6. Do not attempt to make your own battery packs from individual cells.

If the battery pack involved in a crash or is otherwise damaged

1. Remove the pack from the model.
2. Inspect the pack for damage to the wiring or connections
3. If necessary, disassemble the pack and dispose of any damaged cells

Disposal of Li-PO batteries

1. Put the pack in a safe open area and connect a moderate resistance across the cell terminals until the cell is completely discharged.
CAUTION: The pack may get extremely hot during the discharge
2. Puncture the plastic envelope and immerse in salt water for several hours.
3. Place in your regular rubbish bin.

Note on Lithium Polymer Batteries



Lithium Polymer batteries are significantly more volatile than alkaline or NiCd/NiMH batteries used in RC applications. All manufacturer's instructions and warnings must be followed closely. Mishandling of LiPo batteries can result in fire. Always follow the manufacturer's instructions when disposing of Lithium Polymer batteries.

Instructions for Disposal of WEEE by Users in the European Union



This product must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collections point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or where you purchased the product

Specification

Model No:	NE R/C 777B	Model No:	NE R/C 778B
Wing span:	400mm	Wing span:	400mm
Overall Length:	360mm	Overall Length:	355mm
Flying weight:	36-38g	Flying weight:	36-38g
Power System:	Ø8 Motor	Power System:	Ø8 Motor
Battery:	3.7V,150mAh Li-Po	Battery:	3.7V,150mAh Li-Po

Product List

Description	QTY
P47/Yak54	1
Transmitter	1
Power Adapter	1
Li-Po Battery	1
Charger	1
Propeller Set	1
AA Battery	4



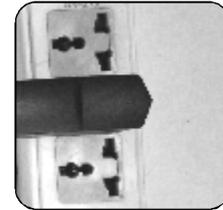
Battery Mounting, Charging and Maintenance

1. Battery Recharging

1. Please read the label of charger and adapter carefully before using. (A)
2. Insert the adapter into the Nine Eagle™ Balanced Charger. The output voltage is DC=6V 600mA. (B)
3. Put the adapter into the Power Outlet. (C)
4. Connect Li-PO Battery with the Balanced Charger.
5. The red light indicates power on, When the green light, it is charging, When the green light is off, charging is complete and the battery should be removed from the charger at this point(Charger time: 20-50minut



A



B

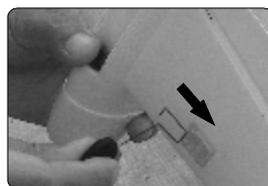


C

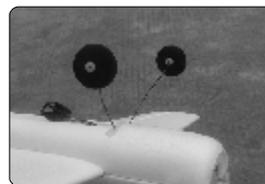
Instruction for assembling the airplane

1. Installation of the landingskids.

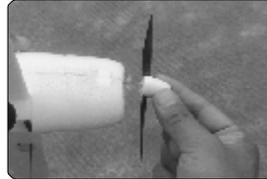
P47



Yak54

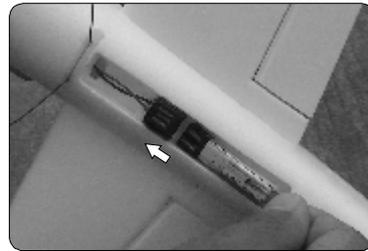


2. Installation of the propeller.



Preparation before fly

1. Before connecting battery power, please confirm the transmitter is already open and the throttle rocker is at the initial position.



2. Check if all rudder and elevator are in neutral position or not. If not, please use tools (through long nose pliers) to adjust the u-shaped ring of push-pull wire, to change the length of the wire so that all rudder and elevator are in neutral position.



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(Figure A)

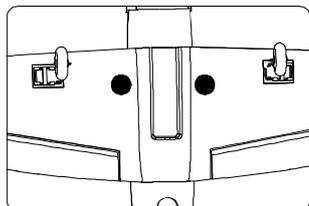
(Figure B)

(Figure C)

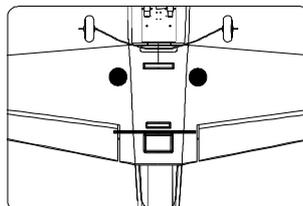
(Figure D)

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3. The center of gravity of P47 is at the point 23-26mm from the front edge of the wing. The center of gravity of Yak54 is at the point 31-35mm from the front edge of the wing.

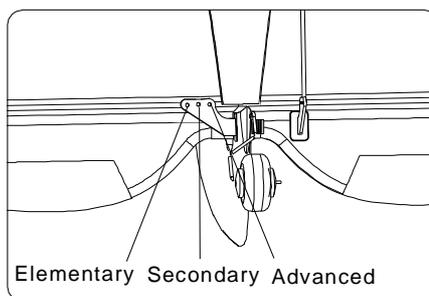
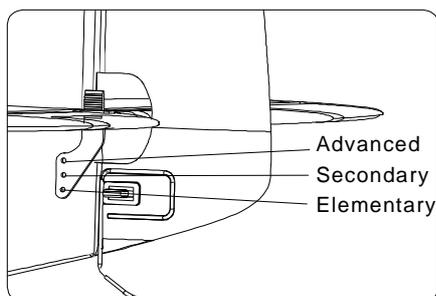


P47



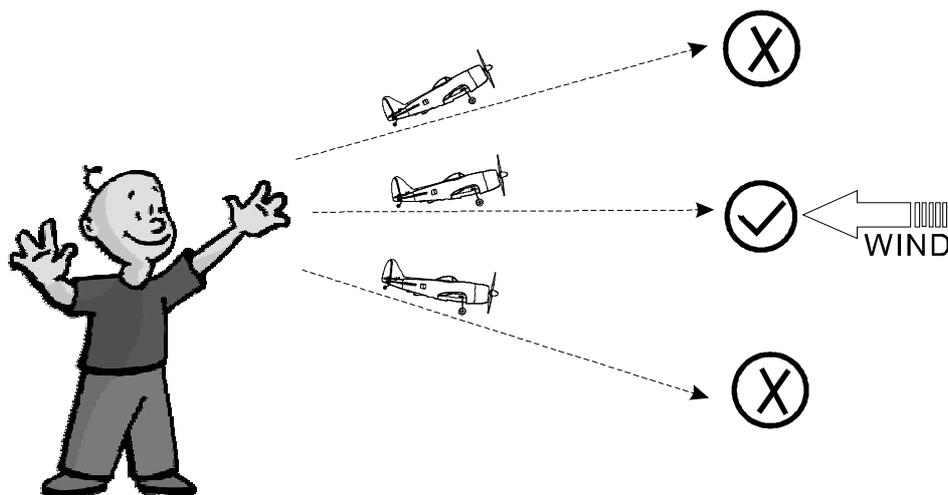
Yak54

4. The series of airplanes are very sensitive to the rudder function. Besides the advanced mode and primary mode of the transmitter, the players also can increase or decrease the swing through moving the slot outside or inside according to your personal hobby.



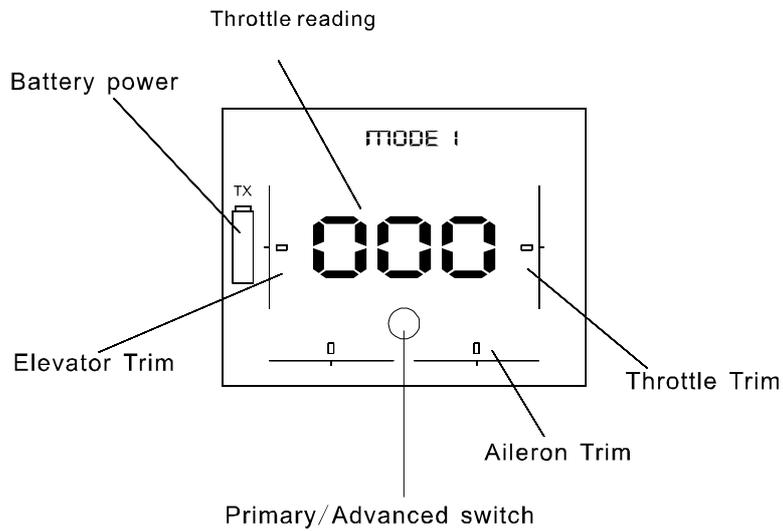
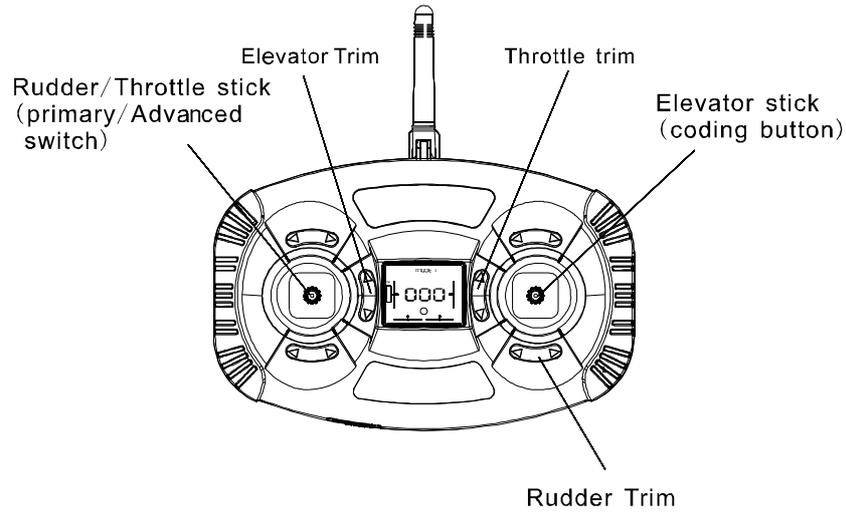
Make sure all trim buttons are in the middle position, and the throttle stick is at its lowest position before fly.

Make sure airplane is in a horizontal path against wind before casting

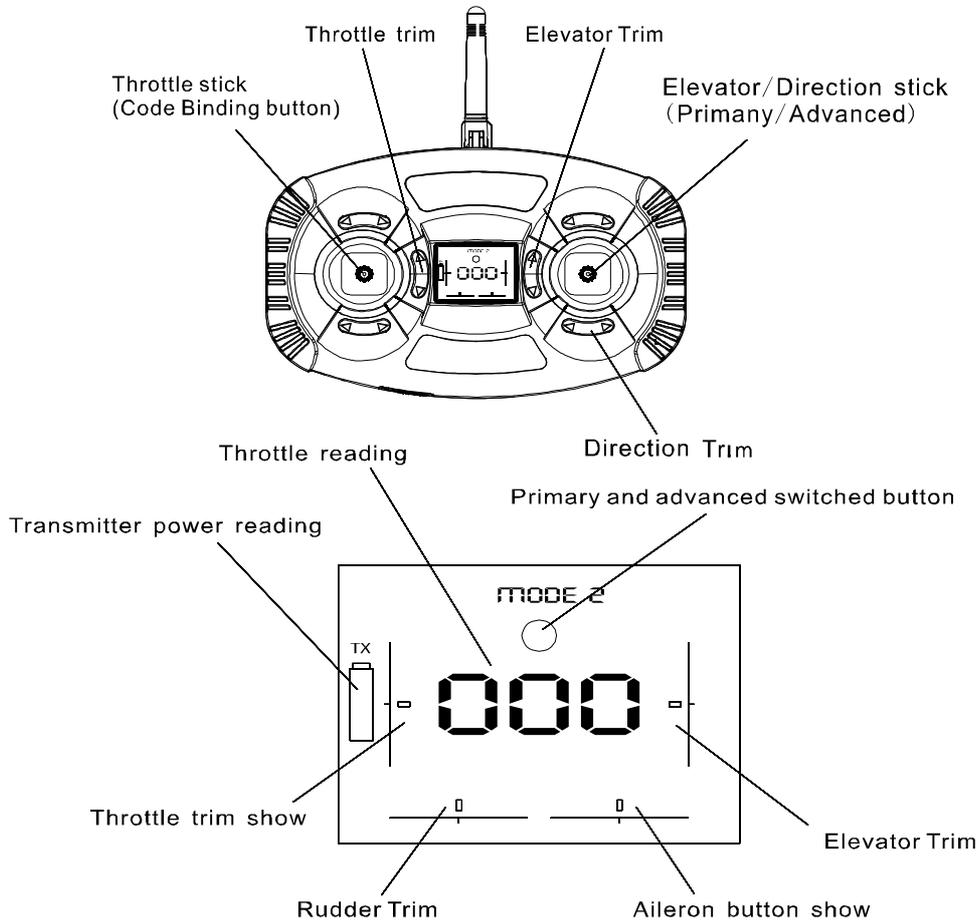


Transmitter Control Identification

Model



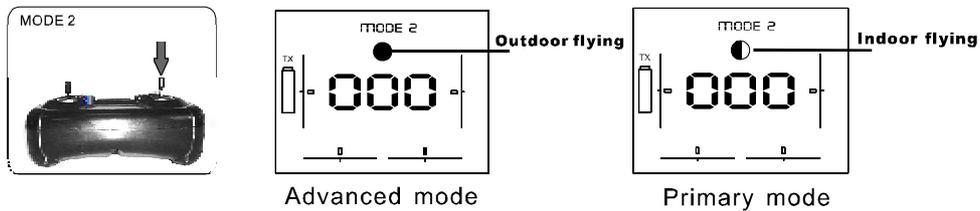
Mode2



■ Set up the Primary and Advanced Control Switch

We have set up the primary and advanced control model to meet the different fans requirement.

1. Turn on the transmitter
2. Press the button to change mode between primary and advanced.



Note: *This throttle curve in the low rate mode is also different than it is in the high rate mode. This makes it much smoother and easier to control the throttle when in the low rate mode.*

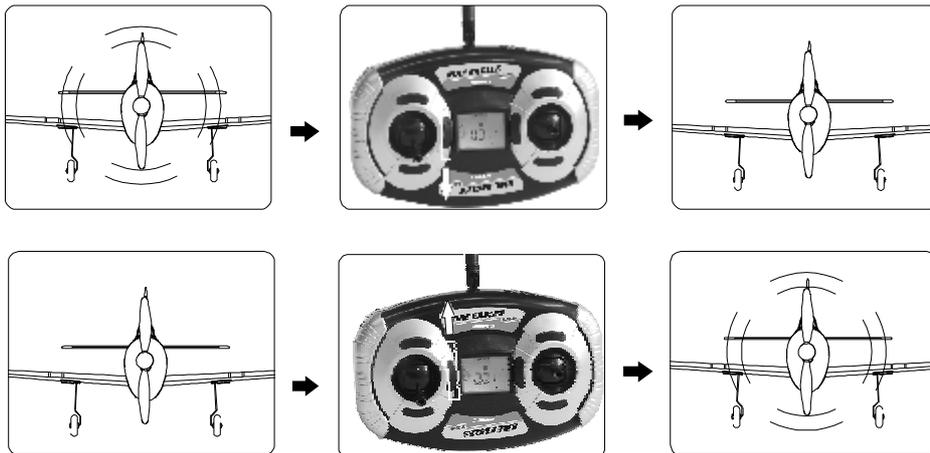
The advanced mode is suitable for the experienced pilot. We suggest you choose the primary mode when you first flight the helicopter.

Notice: The advanced mode of this transmitter is suitable for the experienced pilot and you can make stunt performance by this mode. If you are not an experienced pilot, please choose the primary mode for practice.

Throttle trimming

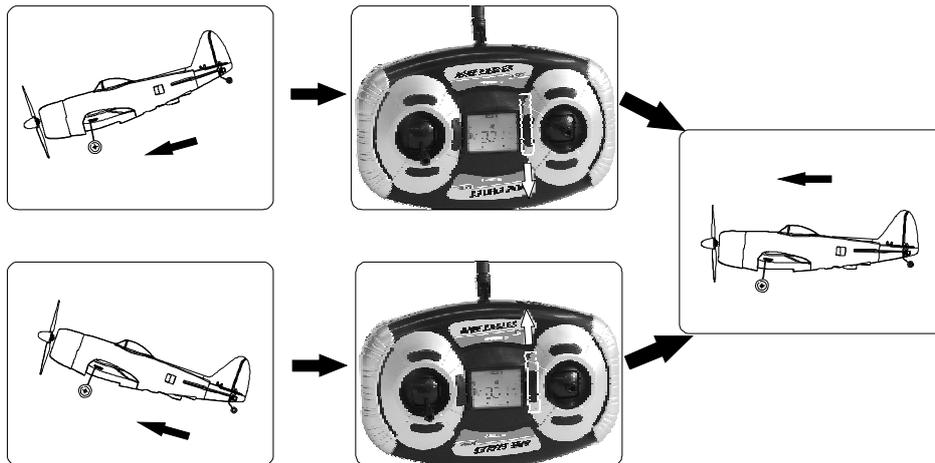
MODE 2

If the propeller runs when no throttle stick input is given, or it doesn't run when the throttle stick input is given, an adjustment for the throttle trim system is required. Push the propeller throttle stick downwards until the propeller stops when the propeller runs without throttle stick input.

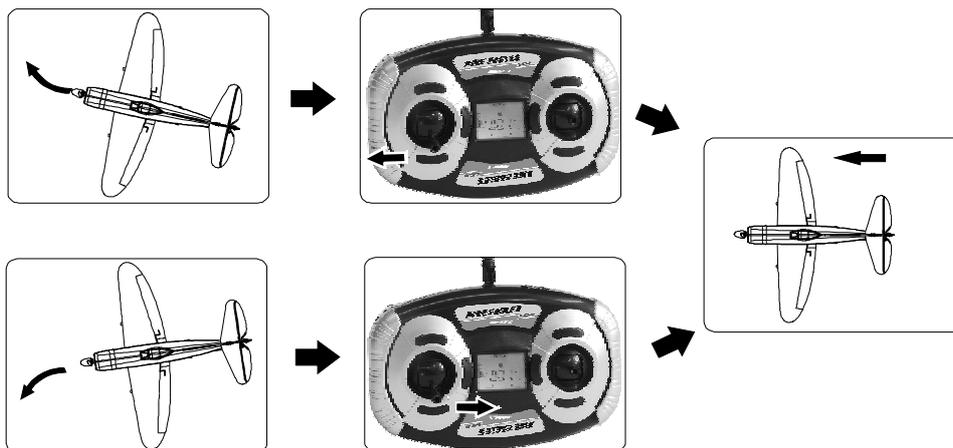


Elevator trimming**MODE 2**

When the airplane tilts upwards and downwards during fly, an adjustment of rudder is required. If the airplane tilts downwards, push the trim button downwards until it doesn't tilt. If the airplane tilts upwards, push the trim button upwards until it doesn't tilt.

**Direction trimming****MODE 2**

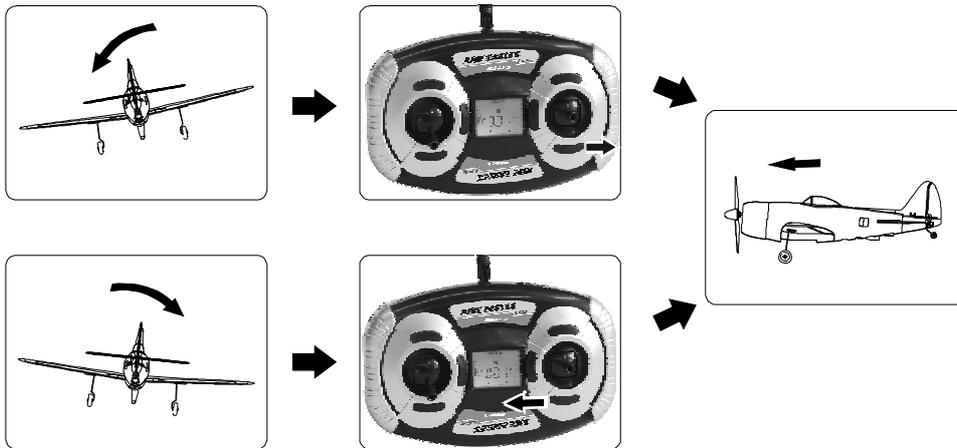
If the airplane makes left or right hover, even such order is not given in its flight, the following adjustment of direction is required. If the airplane hovers left, push the direction trim button to the right until it flies forwards. If the airplane hovers right, push the direction trim button to the left until it flies forwards.



Aileron trimming

MODE 2

If the airplane left or right incline , even such order is not given in its flight, the following adjustment of aileron is required. If the airplane incline right, push the aileron trim, to the left whtil it flies forwards right . If the airplane incine left, push the aileron trim button to the right until it flies forwards.



Mode 2

Throttle	Elevator	Rudder	Aileron
<p>Acceleration</p>	<p>Up</p>	<p>Right movement</p>	
<p>Decelerate</p>	<p>Down</p>	<p>Left movement</p>	

Flying field

The flying field selected must be suitable for flying. No obstacles are allowed when flying the plane in the room. The plane must be flown in open area. Please keep the airplane away from trees, electrical cables and other obstacles. Flying over the people is prohibited.

Fly practice

Turn on the transmitter in accordance with the manual. Turn on the power of the airplane. After the airplane is adjusted, check the servo before fly.

1. Check the wind direction before fly. The airplane is supposed to take off or land towards the wind.

2. Push the throttle stick and throw the airplane horizontally.

3. Adjust the throttle and direction stick to fly the airplane stably. The beginner is not supposed to fly the airplane either too high or too far. If the airplane doesn't fly stably, an adjustment for the airplane is required before flying it

4. The beginner shall use the controllers gently. Suddenly flying the airplane up or down is not allowed.

5. The airplane shall be placed on the flat ground and in the proper direction before taking off from ground. Accelerate the airplane in a straight line by increasing the throttle stick input.

6. In order to learn the flying skill better, it is suggested that the beginner shall use the small rudder to manipulate the airplane. The players can turn to big rudder when they become more skilled after enough training.

Notify Items

- 1). Please stop flying when you feel the battery is running out.
- 2). Always remove the airplane battery immediately and then turn off the transmitter when you finish flying.
- 3). when the airplane has crash onto some objection ,please loose the throttle ASAP to avoid any damage (please check the spare parts ASAP when the crash happened. You can purchase the spare parts from the Nine eagles local distributor when you change the broken spare parts).
- 4). If you do not use the airplane for a long time ,please keep 50% power of the Li-PO Battery ,and take the batteries out of the transmitter.

Miscellaneous

Repairs and Maintenance

A wide range of genuine Nine Eagles® parts and accessories are available from your local Nine Eagles supplier. Please review the enclosed Parts List Brochure to see what is available.

Clubs and Associations

Nine Eagles® supports the model flying community around the world. We encourage you to meet new friends and learn to fly through your local club or association. Contact them through your local Hobby Retailer.

Troubleshooting

For the latest troubleshooting advice, please contact your local hobby store

Feedback

If you have any suggestions for modifications or future designs, we would like to hear from you. Please feel free to contact us at sales@nineeagle.com

NOTHING FLIES LIKE NINE EAGLES



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