



EAGLE JET



PRODUCT MANUAL

Shanghai Nine Eagles Electronic Technology Co. Ltd



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Thank you for investing in hours of fun and flying action with your new Eagle Jet. We have included the latest technology and designed the aerodynamics of the Eagle Jet to make sure you have a great flying experience. We hope you have as much fun flying as we have had in designing, building and testing the Eagle Jet.

Best Regards

The Nine Eagle Team

WARNING

CHOKING HAZARD: Small parts.
Not for Children under 3 years.

WARNING

Do not touch the running propeller!
Do not play above someone's head!
Adult supervision is required!

PRODUCT SAFETY WARNINGS

General Safety

Read this user guide carefully and use the Eagle Jet according to these instructions. You should keep this manual as reference for the future.

Small parts included with this toy may cause children to choke if parts are swallowed. Children under 8 years of age should not play with this toy. This toy must be used under strict adult supervision. NEVER touch the moving parts and NEVER fly this toy close to other people or above their heads. When flying, always keep the jet in sight so that you can control its flight. Never insert non-connected wires or cables into the power socket.

Transmitter, Batteries & Recharging

1. Always turn your jet and transmitter OFF when not in use. Remove the batteries from the transmitter if not in use for a long time. For the longest flight time we recommend new alkaline batteries or fully charged rechargeable batteries for the transmitter.

2. NEVER charge the Eagle Jet in anyway other than the way described in these instructions. The transmitter charger should only be used for the Eagle Jet. NEVER try to use it to recharge other batteries.

3. Do not try to charge non-rechargeable batteries. Use only the recommended batteries and ensure all batteries in the transmitter are of the same type. If use re-chargeable batteries for the transmitter, please remove the batteries when recharging, and recharge them according to the manufacturers instructions.

4. Install the batteries under correct polarity as shown inside the transmitter casing. The supply terminals are not to be short-circuited

Extra Safety for Li-PO Batteries

1. Your Eagle Jet is powered by a small rechargeable Li-PO battery that is fixed inside the aircraft. If not used correctly, Li-PO batteries can cause fire. Do not throw batteries into fire or place them close to heat sources. Also you should keep your batteries in a dry location.

2. Only recharge the Li-PO battery through the transmitter and NEVER recharge the batteries in excess. When re-charging place the Eagle Jet in an open area with fire proof surroundings. Ensure you do not leave the Eagle Jet unattended whilst charging. Do not connect the batteries with other circuits. Do not use screws and sharp objects to modify or fasten the batteries. NEVER cut or break open the batteries.

3. To maintain the life of the battery, re-charge the batteries at least every 6 months if not in use for a long time. Turn off the power after use.

Take Care of the Environment


Li-PO batteries should be disposed of by putting the battery in a safe open area and connecting a moderate resistance across the cell terminals until the cell is completely discharged. CAUTION: The battery may get extremely hot during the discharge. Once fully discharged immerse the battery in salt water for several hours and then place it in your recycle rubbish bin.

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.

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 communication. 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.

This product is in compliance with essential requirements and other provisions of Directive 1995/5/EC. 

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

WEEE:

When this appliance is out of use, please remove all batteries and dispose of them separately. Bring electrical appliances to the local collecting points for waste electrical and electronic equipment. Other components can be disposed of in domestic refuse.



The Ten Best Things About the Eagle Jet

1. The Eagle Jet is designed for maximum fun and is simple to use. The two engines give it power to fly outdoors, and allow you to steer, gain height, do 360 degree loops and fly up to 60m (200 ft) away.
2. The internal, rechargeable Li-PO battery maximizes your flight time, as it is high powered and low weight.
3. The materials for this toy have been chosen to maximize durability and the length of its life. The body is virtually unbreakable. We have crashed them many times in outdoor testing and they just keep flying.
4. Our digital technology inside the Eagle Jet helps you to control the speed of the jet accurately
5. You have two channel options. This means you and a friend can fly two planes at the same time and put the Eagle Jet through its paces in Fighter Mode.
6. You can easily fine tune your flying performance using the trim button which is designed and located for easy use during flight.

7. Recharging is SAFE and EASY. You do not have to plug into main supply power. The internal Li-PO battery re-charges directly from the transmitter.

8. The aerodynamics of the Eagle Jet maximizes its energy efficiency which gives you longer flight times.

9. LED light beams from each wing tip looks great and add to the realism of the Eagle Jet.

10. The Eagle Jet is guaranteed to give you maximum fun. We've had great fun designing it.

Tips for Good Maintenance

1. Remove the batteries from the transmitter if you're not using it for a long time.

2. Clean your Eagle Jet with a damp clean cloth before each flying session. A clean smooth aircraft reduces drag, increases flight time and flight speeds.

3. Avoid leaving your Eagle Jet in strong sunlight or hot places such as in a locked motor vehicle.

4. NEVER immerse your Eagle Jet into water as you will destroy the electronics.

How to Replace the Propellers

Remove the damaged propeller from the Eagle Jet and install the new propeller facing the correct direction.

(PICTURE 1 AND PICTURE 2)



PICTURE 1



PICTURE 2

NOTICE:

This procedure must be done by adults as there is a sharp point on the motor shaft after removing the propeller.

Packaging Checklist

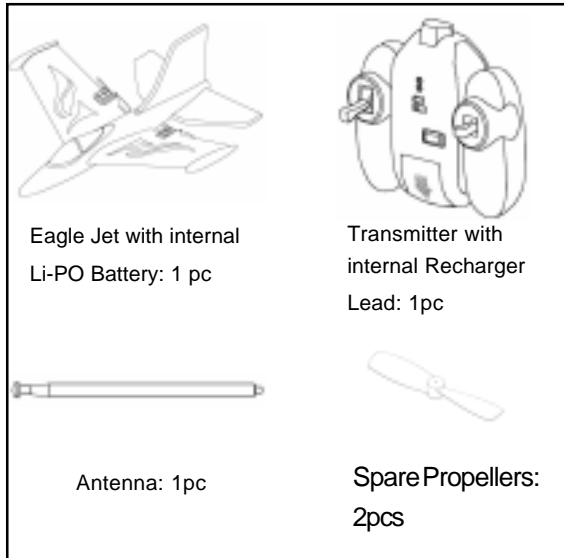
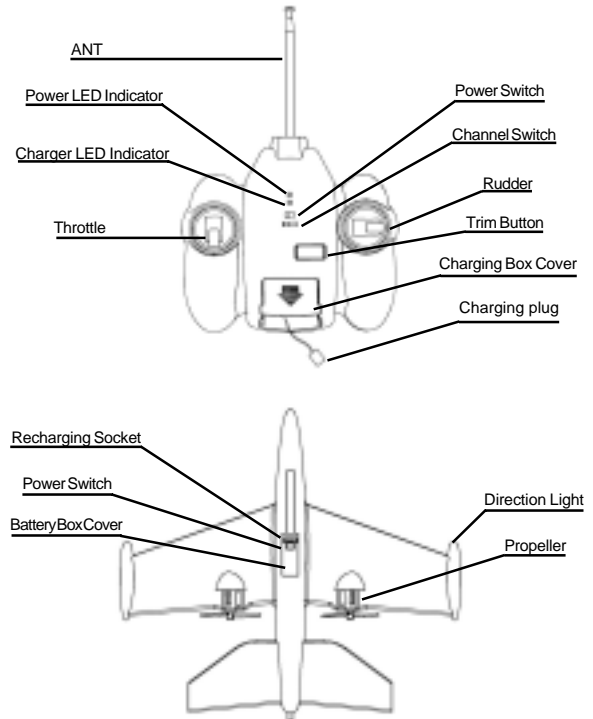



Illustration of the Eagle Jet & Accessories



Battery Requirements for the Eagle Jet:


Power supply: DC 

Power: DC 3.7V, 5.2W

Battery: 1 X 3.7V Li-PO, rechargeable
(included inside the Eagle Jet)



Battery Requirements for the transmitter

Power supply: DC 

Power: DC9V, 2.8W

Battery: 6 x 1.5V, "AA"/LR6/AM3 Alkaline battery (not included), alternatively you could use 1.5V "AA" rechargeable batteries which are more environmentally friendly and a less costly option.



Battery Installation and Recharging



PICTURE1

1. Use the screwdriver to turn anti-clockwise to open the battery cover.(PICTURE 1)



PICTURE2

2. Install 6pcs of "AA" alkaline batteries with correct polarities.(PICTURE 2)



PICTURE3

3. Close the battery cover by screwing it clockwise with the screwdriver.(PICTURE 3)

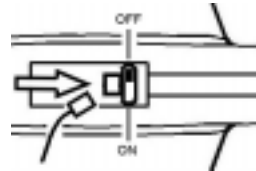
Recharge the jet

1. Pull open the rechargeable door of the transmitter and take out the rechargeable wire.(PICTURE 1)



PICTURE1

2. Turn off the jet; insert the recharging plug into the socket.(PICTURE 2)



PICTURE2

3. The green LED indicator will be bright when recharging, when the battery is full, the green LED indicator will be turned off automatically, then remove the plug from the socket.(PICTURE 3)



PICTURE3

4. It will take 30~40 minutes for recharging, and the jet can fly 4~6 minutes after recharging.

5. If the batteries in the transmitter are exhausted, recharging may take longer.

Pre-Flight Pilot Checks

1. Screw the antenna into the transmitter tightly.
2. Switch the transmitter and Eagle Jet to the same channel.
3. First turn on the transmitter and then the jet, the LED light will flash.
4. Hold the body of your Eagle Jet and point the tail towards you.
5. Extend the antenna fully.

Flying the Eagle Jet

1. Push the throttle forward slightly to make the jet fly with 5~10 degree angle upwards, throw it out slightly.
2. When the jet flies out, adjust the throttle to make the jet fly stable.
3. Push the rudder to the left, the jet will turn left; then push the rudder to the right, the jet will turn right.
4. When the jet rotates clockwise, press the left side of the Trim button repeatedly until the jet stops rotating and can fly straight.(PICTURE 1)



PICTURE1

5. When the jet rotates anticlockwise, press the right side of the Trim button repeatedly until the jet stops rotating and can fly straight.(PICTURE 2)



PICTURE2

6. Once the Eagle Jet flies stable, you can push the throttle forward slowly to gain height.
7. Once the Eagle Jet is 8m (24ft) or more high, you can increase speed and the aircraft will do 360 degree loops. You only need to pull the throttle back slowly for the Eagle Jet to descend. Or if the Jet is half engine at 8m height or more high, you can pull down the throttle to make the jet fall and then push the throttle to the utmost quickly, then your jet will do a 360 degree loop.

8. If your jet flies in deflection way and the trim button is confused, you only need to turn off the transmitter and then restart it, your jet will fly normally.

Notice:

If the propeller of the jet is blocked from spinning, the jet will switch to automatic protection status. The motor will stop working to avoid burnout. Reset the Power switch or wait for 5 seconds for your Eagle Jet to work again.

2. You can also fly your jet indoor, please notice to chose a larger space to fly.

3. Avoid flying near power lines, or during rain or snow, as electromagnetism and water are not good for the Eagle Jet's electronics.

Maximise Your Fun

1. Find a large open outdoor location such as a park or sporting field. Places with grassland are good to minimize damage when landing. The Eagle Jet is best flown on calm days or in light wind. It can be flown in moderate breezes, but tends to be carried by the wind and can be carried beyond radio control range. Trim is difficult to use in windy conditions.

Frequently Asked Questions

| FAQ | Cause | Solution |
|---------------------------------------|---|--|
| Propeller doesn't work | --Power off --Low voltage | --Turn on the power --Re-charge the batteries |
| Suddenly stops or falls during flight | --low voltage --same frequency toy being played | --Re-charge the batteries --find another place without interference |
| No reaction on the jet | --Mistake channel selection of the transmitter --Power off | --Reset the correct channel --Turn on the power |
| Failure on controlling | --a toy of same frequency is played at the same time --Fly out the controlling scope | --Use different frequency toys or find other place to play this toy at least 60m (200ft) away --Please fly within 60m (200ft) |
| Short R/C | --There're same frequency products being played --Antenna not fully extended | --Use different frequency toys or find other place to play this toy at least 60m (200ft) away --Extend the antenna fully |

Technical Support

If you have any other questions feel free to contact us at support@nineeagle.com . We also have another FAQ Page, updated manuals and safety guidelines on our website www.nineeagle.com.