



WARNING

1. Please use the being equipped with charger. If you use other chargers, it may cause damage.
2. When the charger is charging in the socket, don't cover it with other things. Otherwise it will make the charger in high temperature or broken.
3. Be careful of electric shock. Don't touch AC by wet hand. We must keep the charger in dry place and prevent it from wetting.
4. Please take out of the charger in the socket after using every time.
5. If the line is broken or cannot connect well, please stop using it at once and change the charger. And the charger must match the local power supply.
6. Please see the power voltage of the charger clearly before using. Please base on the charging electric current and work out the charging time. (The normal charging time is 120 minutes.)
7. Don't remove or refix the charger by yourself.
8. Don't put the batteries and the charger in the car when the weather is hot.
9. Don't put the charger in the water or throw it into the fire. Don't refix or solder the charger.
10. Don't use the charger or keep it near the fire, in high temperature or wet place.
11. Don't touch the motor after flying, or it may scald you.

Special notice

Both the batteries and the chargers are bought outside by us. Although we are strict in the quality, you must be careful of using. Don't charge the batteries without person in charge for a long time because it may have an accident.



NOTICE

1. Don't use the helicopter in the same frequency in the same place at the same time, or it will disturb each other.
2. This helicopter is only flying in the balanced airflow.
3. Don't fly near the crowd, pets or any other obstruct.
4. Don't remove or refix the helicopter, it may have failure.
5. Your face and hands must be far away from the rotation parts. Pay attention to your hair and clothes not twine on the plane when it is rotating.
6. Please keep safe when it is flying in high speed. Don't sit on the chair or on the floor to control the helicopter so that you can move it quickly when it is necessary.
7. When your hand is away from the remote controller, please turn off the remote controller. The helicopter also must be turned off when it stops flying.
8. Because of the rotation propeller in high speed may cause an accident. Please check the fixing screws of the rotation parts and make sure they are firm. You must wear a pair of eye patch when you are controlling the helicopter. And then let the children not close to it.
9. This helicopter is very ingenious, it may be broken if the operation is incorrect or you bump it. In order to make sure the using is safe, you must read the instructions carefully and practice it again and again.
10. Don't use the broken and transmutative parts so that it is safe.
11. Some of the parts are small and sharp. Some of them are made of metal. Pay attention to the children not swallow or damage. If they have an accident, please send them to the hospital at once. Make sure keep these parts out of the reach of the children.
12. The specification and the shape of the product may be changed without inform you in advance.
13. Try to use it away from the strong magnet or other electric appliance equipment.

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✪ 飞行原理 ✪

直升机接通电源打开开关后飞机即处于待机状态，当其接收到来自发射机的不同指令时飞机便可作出相应的运动。（飞机不能超出遥控器的遥控范围，遥控范围通常在100M左右。）

一、悬停：（图1）

当遥控器（油门适用于2CH）升降舵慢慢往上推时，主旋翼的转速会逐渐加快，桨叶产生的升力亦会随之加大，当升力大于飞机自身重量时飞机即会上升。当升力与重力达到平衡时，飞机即处于悬停状态。（该飞机处于悬停状态时，其它操纵杆应处于居中状态，理想情况下。）



二、往左往右调头（图2）

当遥控器（CH₂，适用于2CH）方向舵左右拨动时，飞机的上下层桨叶将会产生加速或减速，从而产生上下层桨叶的速度差。当操纵杆向右拨时，下层桨叶将加速，从而增加产生向右的反扭力，反扭力大于上层桨叶产生的向右反扭力时，飞机尾部将向左转，飞机随之向右转弯。反之，操纵杆向左拨，飞机尾部将向右转，飞机随之向左转弯。



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✪ 飞行前的准备 ✪

首先您需要一个合适的飞行场地。一间没有障碍物的大房间或小会议室是理想折场地。确保房间里的空气是静止的，没有气流从开着的门和窗户里进来。我们还建议有平坦光滑的地面（例如瓷砖），使得飞机轮子能在地面滑动。地面上不能有地毯，因为它可能会拌着轮胎，使飞机翻倒。

其次应检查飞机的动力电池是否充足电，遥控器上的电池电量是否足够。检查飞机各部件是否完好，螺丝等有无松动，特别是旋转部位有无损坏或松动，如发现问题应首先及时维修或更换。

打开遥控器电源开关，然后用左手抓住飞机底部，让旋翼远离手及身体的其它部位。接通直升机动力电池及打开飞机电源开关，此时飞机处于待机状态。慢慢往上拨动升降舵，飞机旋翼速度将由低至高逐步加速。观察旋翼运动是否平稳，有无颤动现象，上、下两层桨叶的飞行轨迹是否重叠，有无出现双桨现象，如运行不平稳或出现双桨匀应调教或更换桨叶。

飞行该模型飞机，儿童须有成人和模型专业人士指导下操作。

该机配备了飞机动力可充电电池，发射机电池须另购。飞行前请您提前对飞机动力可充电电池进行充电，保持电量充足。保证发射机电压充足。

该模型飞机须在静风环境中飞行，飞机前须对模型飞机进行调整、确保模型飞机的静态平衡和动态平衡，以及各部件的固定位的牢固和灵活。飞行前必须保证发射机（遥控器）和接收机的电池电压正常。

静态调整：

特别提示：将飞机动力电池装在飞机机身的电池架上，先不接通电源，让机身和主旋翼平行，用双手抓住信飞机的副翼杆两边将飞机吊起，观察飞机的重心，调整电池的前后位置，使模型飞机处于平衡状态。电池过前飞机前进速度就会过快。

动态调整：

打开发射机的电源开关，然后打开飞机动力电源，此时飞机处于待机状态。将油门操纵杆由低往高拨，主旋翼的转速亦会逐渐加速。当飞机将要离开地面但没有离开地面时，观察飞机运动是否正常，如有问题请作检查后，拨除问题后方可飞行。



注意：可用红色标记贴在其中一个螺旋桨叶片的末端作一个标记。当出现意外或校对是否出现“双桨”时容易作出判断。
上层主叶片：如图A所示，标记贴在上层右叶片的末端。
下层主叶片：如图B所示，标记贴在下层左叶片的末端。

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