

MICRO HELICOPTER

WLTOYS

V912 Super Combo

INSTRUCTION MANUAL 使用说明书

V912 In The House!



Contents

1	INTRODUCTION 前言
1~2	SAFETY NOTES 安全注意事项
3	PACKAGE ILLUSTRATION 包装说
3	TRANSMITTER BATTERY INSTALLATION 遥控器电池安装
4	NOMENCLATURE 遥控器各部位名称
5	LEFT AND RIGHT HAND THROTTLE 左右手模式
6	STANDARD EQUIPMENT 标准配件
6	BINDING OF RADIO TRANSMITTER AND RECEIVER 遥控器与接收器的对频
6~8	USAGE INSTRUCTIONS AND CHECK LISTS 开机步骤与飞行前检查
9~10	FLIGHT ADJUSTMENT AND SETTING 飞行动作调整与设定
11~12	TROUBLE SHOOTING DURING FLIGHT 如何排除飞行中的状况
12~13	PART LIST 各部零件名称

Thank you for buying WLTOYS products. The V912 is the latest technology in Rotary RC models. Please read this manual carefully before assembling and flying the new V912 helicopter. We recommend that you keep this manual for future reference regarding tuning and maintenance.

承蒙阁下选用 伟力遥控世界系列产品, 谨表谢意。进入遥控世界之前必须告诉您许多相关的知识与注意事项, 以确保您能够在学习的过程中较得心应手。在开始操作之前, 请务必详阅本说明书, 相信一定能够给您带来相当大的帮助, 也请您妥善保管这本说明书, 以作为日后参考。

1. INTRODUCTION 前言

Thanks for using wtoys products. V912 is the first helicopter which can fly outdoor in a wild weather. In order to play V912 more convenient and easy, please read it carefully before playing the helicopter. Meanwhile, please keep it well, and take it for reference when adjustment and maintenance.

感谢您选购伟力产品！V912 是一台世界首创能在较大室内以及室外飞行的遥控直升机，为了让您更方便、更轻松地使用V912，请您仔细阅读此说明书后，再操作这台直升机，同时请您妥善的保存这本说明书，作为日后调整及维修的参考。

V912 helicopter can satisfy you whatever rainy or sunny, even when outdoor wild grade 4-5, it will keep moving.

V912直升机，不论何时何地，不管晴天雨天，包括室外风力不大于4-5级，都可以满足您对飞行的渴望。

WARNING LABEL LEGEND 标志代表涵义

	WARNING 警告	Mishandling due to failure to follow these instructions may result in damage or injury. 因为疏忽这些操作说明，而使用错误可能造成财产损失或严重伤害。
	CAUTION 注意	Mishandling due to failure to follow these instructions may result in danger. 因为疏忽这些操作说明，而使用错误可能造成危险。
	FORBIDDEN 禁止	Do not attempt under any circumstances. 在任何禁止的环境下，请勿尝试操作。

IMPORTANT NOTES 重要声明

V912 is a sophisticated hobby product and not a toy. Although small, it still poses certain risk factors that should not be over looked. Please follow safety and operation recommendations to ensure correct operation of this helicopter. The use of this helicopter beyond its intended purposes and disassembly may cause unforeseen danger, and should be avoided.

V912并非玩具，虽然是中型的遥控直升机，有一定的危险性，请您依安全注意事项与操作说明来正确的使用该模型，任意的改装拆解或使用不当以及对产品的不熟悉，都可能造成不可预期的危险或意外，请勿轻视。

Manufacturer and dealer assume no liability for accidental damages by abnormal wear of parts, improper assembly, or operation in unsafe manners. This product is intended for use by age 15 years or older. Please ensure the product is operated under safe environment.

注意！任何遥控直升机的使用，制造商或经销商是无法对使用者于零件使用的损耗异常，组装不当或不安全的环境操作所发生之意外负任何责任，本产品适用年龄15岁以上，请确保在安全无虞的环境下操作，产品售出后本公司将不负责任因不当操作/拆卸/改装所引起的财产损失与人身伤害。

We recommend that you seek the assistance or an experienced pilot before attempting to fly our products for the first time. A local expert is the best way to properly assemble, setup, and fly your model for the first time.

The requires a certain degree of skill to operate, and is an item subject to normal wear and tear. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warrantee and cannot be returned for repair or replacement. Please contact our distributors are not covered by any warrantee and cannot discounted rates when you experience problems during operation or maintenance.

模型商品属于需高操作技术且为消耗性商品，如经拆装使用后，会造成不等情况零件损耗，任何使用情况所造成商品不良或不满意，将无法于保固条件下更换新品或退货，如遇有使用操作维修问题，本公司全省分公司或代理将提供技术指导，特价零件供应服务。

2. SAFETY NOTES 安全注意事项

	CAUTION 注意	Fly only in safe areas, away from other people. Do not operate R/C aircraft within the vicinity of crowds or people. R/C aircraft are prone to accidents, failures, and responsible for their actions and damage or injury occurred during pilot error, and radio interference. pilots are responsible for their actions and damage or injury occurred during the operation or as of a result of R/C aircraft models. 遥控模型飞机，直升机属于危险性商品，飞行时必须远离人群，人为组装不当或机件损坏，电子控制设备不良，以及操控上的不熟悉，都有可能导致飞行失控损伤等到不可预期的意外，请飞行者务必注意飞行安全，并需了解自负疏忽所造成任何意外之责任。
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FORBIDDEN 禁止 Special despecial design for indoor & outdoor, please keep it away from obstacle 室内、室外专用机，请远离障碍物

This product is suitable for indoor and outdoor (the wind grade should be no more than 5), please choose a place without obstacle, and keep distance from crowd and pets, don't play it under unsafe, for instance, heat source, wire or electronic power source, in order not to be damaged by collision landing, entanglement and lead to a fire, electric shock and cause losses of lives and property

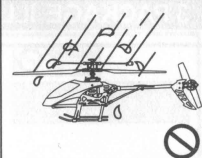
本产品适合室内、室外(包括室外风力不要大于5级)环境飞行的遥控直升机，飞行时请妥善选择无障碍物的室内、室外场地，并与人群或宠物等到保持适当距离，切勿于不安全的环境下操作，如热源、电线、电源等等，以免直升机碰撞、迫降、纠缠而引发火灾、电击等危险，造成生命财产损失。



FORBIDDEN 禁止 PREVENT MOISTURE 远离潮湿环境

R/C models are composed of many precision electrical components. It is critical to keep the model and associated equipment away from moisture and other contaminants. The introduction or exposure to water or moisture in any form can cause the model to malfunction resulting in melfunction, or a crash. Do not operate or expose To rain or moisture.

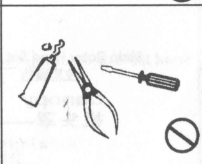
直升机内部也是由许多精密的电子零组件组成，所以必须绝对的防止潮湿或水汽，避免在浴室或雨天时使用，防止水汽进入机身而导致机件及电子零件故障而引发不可预期的意外！



FORBIDDEN 禁止 PROPER OPERATION 勿不当使用本产品

To avoid potential fire hazard from batteries, please do not short, reverse polarity, or puncture batteries. Battery charging must be done under supervision at all times, and at location out of reach by children. Double check the four AA batteries are rechargeable Ni-CD/MH batteries before charging. The manufacturer or this product will not be liable for accidental damages incurred by charging non-rechargeable batteries.

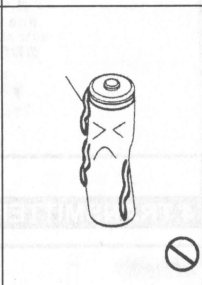
请勿任意拆卸或任意改造加工，任何的升级改装或维修，请使用伟力产品目录中的零件，以确保结构的安全。请确认于产品限界内操作，请勿过载使用，并勿用于安全、法令外其它非法用途。



FORBIDDEN 禁止 SAFETY NOTE FOR NI-MH BATTERIES 镍氢电池使用安全

Make sure the batteries are installed based on polarity indicated in the case and do not mix batteries of different chemistry/spec. Please take out the batteries if you are not going to use for a long time to avoid potential leakage which may damage the transmitter. Please dispose depleted batteries according to local laws and ordinances. Do not dispose improperly.

安装时请确认正负极位置，新旧电池请勿同时混用以影响电池寿命。若长时间不使用本产品，请取出电池，以免造成电池漏液、故障。若电池有漏液状况请勿再使用。废弃的电池，请依照该使用国家或地区的废弃物清理法令回收，切勿任意丢弃以免污染环境。

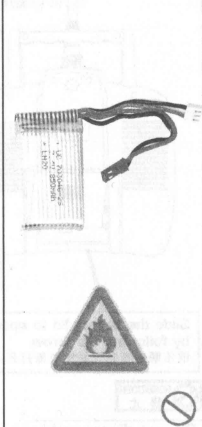


FORBIDDEN 禁止 SAFETY NOTE ON LI-POLYMER BATTERIES 锂聚合物电池使用安全

Li-Polymer batteries poses higher operational risks compared to other battery chemistry, thus it is imperative to follow its usage instructions. Manufacturer and dealer assume no liability for accidental damages caused by improper usage. Do not use charger other than the factory supplied unit to avoid potential fire and explosion. Do not crush, disassemble, burn, and reverse polarity. Avoid metallic materials to come into contact with battery's polarity and cause it short and never puncture batteries to avoid fire hazards.

Battery charging must be done under supervision at all times, and at location out of reach by children. Please stop the use or charge of the battery should there be an unusual increase in battery temperature after use. Continue use of this battery may cause it to expand, deform, explode, or even result in fire hazards. Please dispose depleted batteries according to local laws and ordinances. Do not dispose improperly.

锂聚合物电池较其他电池有更高的危险性，使用前请务必详读并遵照下列注意事项。本公司将不对任何不当使用所造成的损害负责。严禁使用原厂以外的充电器进行充电，以免发生爆炸起火的危险。严禁撞击、拆解、正负极反接、焚烧电池，避免金属物品碰触电池正负极造成短路。并请防止尖锐的物品刺穿电池，以避免电池起火的危险。充电时请谨慎小心，确保在您的视线范围内进行充电，并远离幼童可以接触到的地方，以免发生危险。电池使用后如有发热情况，严禁充电。否则会造成电池膨胀、变形、爆炸甚至起火燃烧，危害生命财产的安全。废弃的电池，请严格依照该使用国家或地区的废弃物清理法令回收，以免污染环境。



CAUTION 注意 KEEP AWAY FROM HEAT 远离热源

R/C models are made of various forms or plastic. Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Make sure not to store the model near any source of heat such as an oven, or heater. It is best to store the model indoors, in a climate-controlled, room temperature environment. 遥控飞机多半是以PA纤维或聚乙烯、电子商品为主要材料质，因此要尽量远离热源、日晒、以避免因高温而变形甚至熔毁损坏的可能。



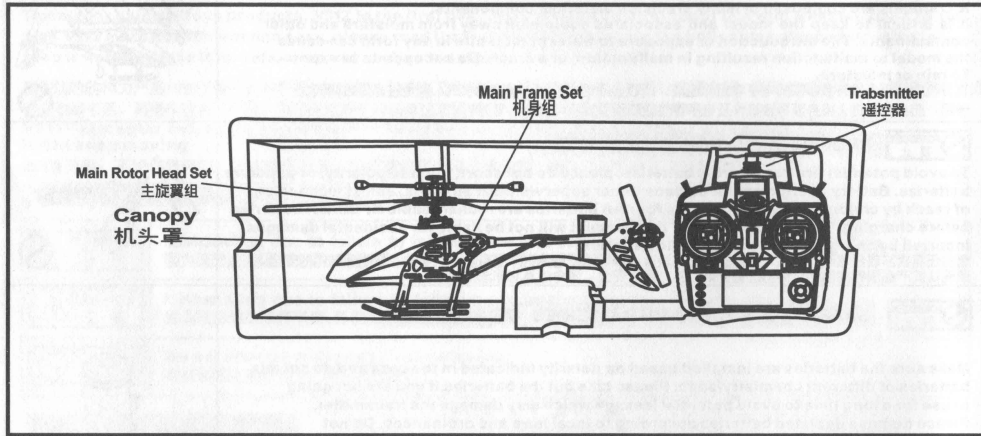
WARNING 警告 OBTAIN THE ASSISTANCE OF AN EXPERIENCED PILOT 避免独自操控

The products are suitable for more than 15 years old, at the beginning it will have some certain difficulty in learning, suggestion guidance by experienced when playing.

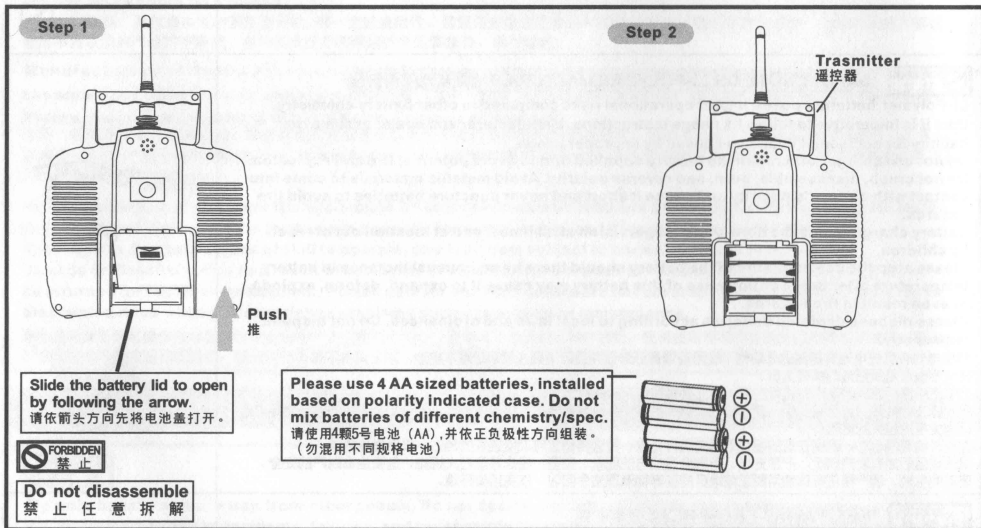
本产品适用年龄15岁以上，遥控直升机在学习初期有着一定难度，建议有经验的人士在旁指导才可以飞行。



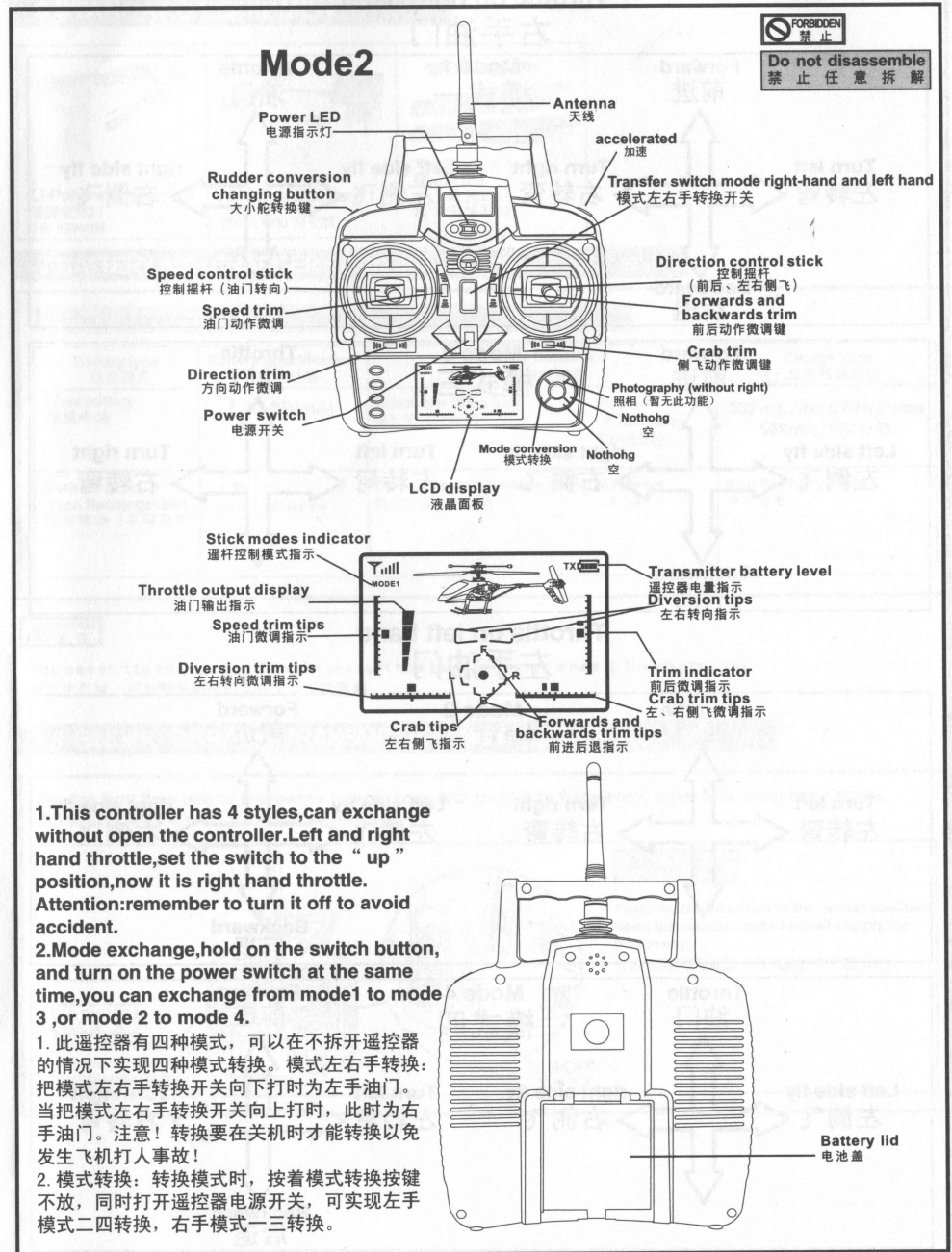
3. PACKAGE ILLUSTRATION 包装说明



4. TRANSMITTER BATTERY INSTALLATION 遥控器电池安装



5 NOMENCLATURE 遥控器各部位名称



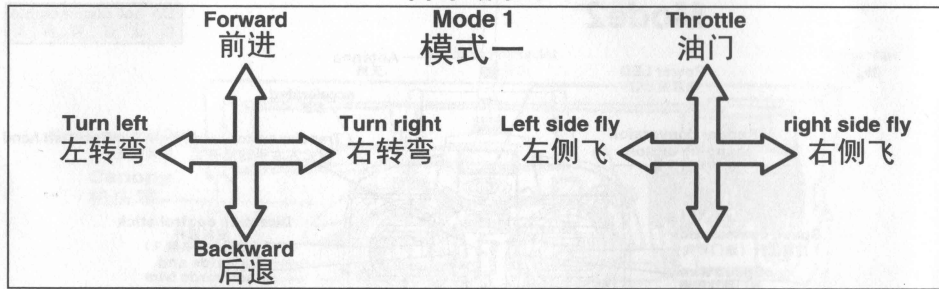
1. This controller has 4 styles, can exchange without open the controller. Left and right hand throttle, set the switch to the "up" position, now it is right hand throttle. Attention: remember to turn it off to avoid accident.

2. Mode exchange, hold on the switch button, and turn on the power switch at the same time, you can exchange from mode 1 to mode 3, or mode 2 to mode 4.

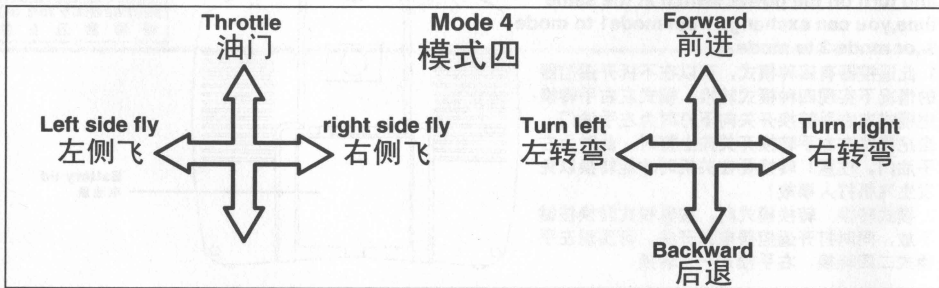
1. 此遥控器有四种模式, 可以在不拆开遥控器的情况下实现四种模式转换。模式左右手转换: 把模式左右手转换开关向下打时为左手油门。当把模式左右手转换开关向上打时, 此时为右手油门。注意! 转换要在关机时才能转换以免发生飞机打人事故!

2. 模式转换: 转换模式时, 按着模式转换按键不放, 同时打开遥控器电源开关, 可实现左手模式二四转换, 右手模式一三转换。

**Throttle on right hand
右手油门**



**Throttle on left hand
左手油门**



6. STANDARD EQUIPMENT 标准配件



7. BATTERY AND CHARGER SPECIFICATION 电池与充电器相关规格

Battery usage and charge duration reference 电池使用时间与充电时间参考表

Battery type 电池种类	Battery Specification 电池规格	Usage Duration 可使用时间	Charge Time 充电所需时间
Li-po battery 锂聚电池	7.4、850mAh	Helicopter flight time 直升机飞行时间	Approx. 7-8Minutes 约7-8分钟
Carbon-Zinc (Non Rechargeable) 碳锌电池 (不可充电)	1.5V (GP 15G R6P)	Transmitter Operation Time 供遥控器开机时间	18 Hours 18小时
			500 ma. About 60 minutes 500mA. 约60分钟
			Non Rechargeable 不可充电



You needn't to change anything because it has been adjusted when it finish produce
原厂出厂时, 已为您将模式设定好了, 无需再调。

8. BINDING OF RADIO TRANSMITTER AND RECEIVER 遥控器与接收器的对频

For the first time use or frequency interference and unable to frequency, must bind frequency again.
首次使用或音频率受到干扰而无法对频时, 必须重新对频。

Step 1 步骤1

CAUTION 注意
Push the throttle stick to the lowest position
油门摇杆推至最低

ON/OFF 电源开关

Push the throttle stick to the lowest position, open the remote control power supply for frequency.
将油门摇杆推至最低, 打开遥控器电源进行对频。

10. FLIGHT ADJUSTMENT AND SETTING 飞行动作调整与设定

PLEASE PRACTICE SIMULATION FLIGHT BEFORE ACTUAL FLYING 飞行前请事先熟练模拟飞行

Before you are familiar with the helicopter, please don't set it fly, read the instruction carefully. Get familiar with all kinds of direction control and keep repeating until you can play it as you perform your wishes.

1. Place the helicopter in a clear open field and the tail of helicopter point to yourself.
2. Practice to operate the throttle stick as below illustration and repeat practicing "Throttle high/low", "Aileron left/right", "Rudder left/right", and "Elevator up/down".
3. The simulation flight practice is very important, please keep practicing until the fingers move naturally when you hear operation orders being call out.

在还没有了解直升机各动作控制方式前，请务必先熟练模拟飞行，熟悉各种方向的操控并不重要的重复，直到手指可以熟练控制各个动作及方向。

1. 将直升机放在空旷的地方，并将直升机的机头对准自己。
2. 练习操作控制器的各摇杆（各动作控制方式如下图），并反复练习油门高/低、副翼左/右、升降舵前/后及方向舵左/右操作方式。
3. 模拟飞行练习相当重要，请重复练习直到你不需思索，手指能自然随着喊出的指令移动控制。

Mode	Illustration 图示	Mode	Illustration 图示
Aileron 副翼	Move left 左移 Move right 右移	Throttle 油门	Ascend 上升 Descend 下降
Elevator 升降舵	Fly forward 前进 Fly backward 后退	Rudder 方向	Turn left 左旋 Turn right 右旋

FLIGHT ADJUSTMENT AND NOTICE FOR BEGINNERS 初学者飞行调整与注意

- ⚠ CAUTION
- Check if the screws are firmly tightened.
- 再次确认螺丝是否紧固?
- 发射器和接收器电池是否足够。
- ⚠ CAUTION
- Make sure that no people or obstructions in the vicinity.
- 你必须先确保安全，你必须在空旷的地方练习。
- 为了飞行安全，你必须先练习停悬，这是飞行动作的基础（停悬：直升机滞留在空中并保持固定位置）。

When arriving at the flying field. 请在没有人员及障碍物的空“室内、室外”飞行

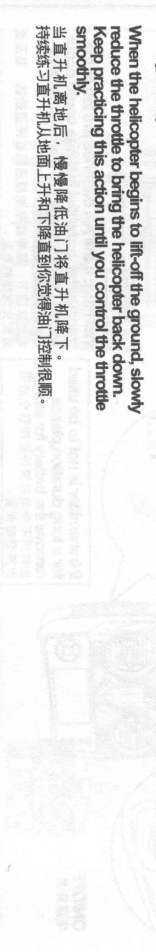


STEP 1 THROTTLE CONTROL PRACTICE 油门控制练习

Mode

When the helicopter begins to lift-off the ground, slowly reduce the throttle to bring the helicopter back down. Keep practicing this action until you control the throttle smoothly.

当直升机离地后，慢慢降低油门将直升机降下。持续练习直升机从地面上升和下降直到你觉得油门控制很顺。



STEP 2 AILERON AND ELEVATOR CONTROL PRACTICE 副翼和升降舵练习

1. Raise the throttle stick slowly.

2. Move the helicopter in any direction back, forward, left and right; slowly move the aileron and elevator sticks in the opposite direction to fly back to its original position.

1. 慢慢升起油门摇杆
2. 使直升机依指示，移动后/前/左/右，慢慢的反向移动副翼和升降舵并将直升机回到原来位置。

Mode

⚠ CAUTION

- If the nose of the helicopter moves, please lower the throttle stick and land the helicopter. Then move your position diagonally behind the helicopter 2m and continue practicing.
- 如果直升机的机头偏移时，请降低油门并降落，然后移动自己的位置到直升机的正后方2公尺再继续练习。

⓪ 当直升机机头偏移时，请先降落直升机，并到直升机后2公尺再继续练习。

⓪ 原机位飞行，请先降落直升机，并到直升机后2公尺再继续练习。

STEP 3 RUDDER CONTROL PRACTICING 方向舵操作练习

1. Slowly raise the throttle stick.
2. Move the nose of the helicopter to right or left, and then slowly move the rudder stick in the opposite direction to fly back to its original position.

After you are familiar with all actions from Step 1 to 3, draw a circle on the ground and practice within the circle to increase your accuracy.

- ⓪ 当你觉得step1-3动作熟悉了，在地上画圆圈并在这个圆圈的范围练习，以增加你操控的准确度。
- ⓪ You can reduce the size of the circle as you become familiarized with the control reflexes.
- ⓪ 当你更加习惯操作动作，你可以画更小的圆圈。

STEP 4

Narrow the circle.

STEP 5 DIRECTION CHANGE AND HOVERING PRACTICE 改变直升机方向和悬停练习

After you are familiar with Step 1 to 4, stand at side of the helicopter and continue practicing Step 1 to 4.

The repeat the Step 1 to 4 by standing in front of the helicopter.

当你觉得step1-4动作熟悉了，站在面对直升机前边并继续练习step1-4，之后，站在直升机机头前方重复步骤练习。

ADJUSTMENT OF EACH TRIM 飞行动作微调

Slowly raise the throttle stick and just as the helicopter lift-off the ground, you can use the trim to correct the action if the helicopter leans in a different direction. 慢慢升起油门摇杆，当直升机刚刚离开地面时，若直升机倾向不同方向，可使用微调修正动作。

1. Adjustment of rudder trim 调整方向舵微调

Just before the helicopter lift-off, the nose lean left/right.

When leans right, adjust the trim to left side.

When leans left, adjust the trim to right side.

在直升机正要起飞时，机头朝左/右方向偏移...

向左偏移时，微调向右调整。

向右偏移时，微调向左调整。

2. Adjustment of elevator trim 调整升降舵微调

Just before the helicopter lift-off, the nose lean forward/backward...

When leans forward, adjust the trim to down.

When leans backward, adjust the trim to up.

在直升机正要起飞时，机头朝前/后方向偏移...

向前偏移时，微调向下调整。

向后偏移时，微调向上调整。

3. Adjustment of aileron trim 调整副翼微调

Just before the helicopter lift-off, the body lean left/right.

When leans right, adjust the trim to left side.

When leans left, adjust the trim to right side.

在直升机正要起飞时，机身朝左/右方向偏移...

向右偏移时，微调向左调整。

向左偏移时，微调向右调整。

Mode

Mode

Mode

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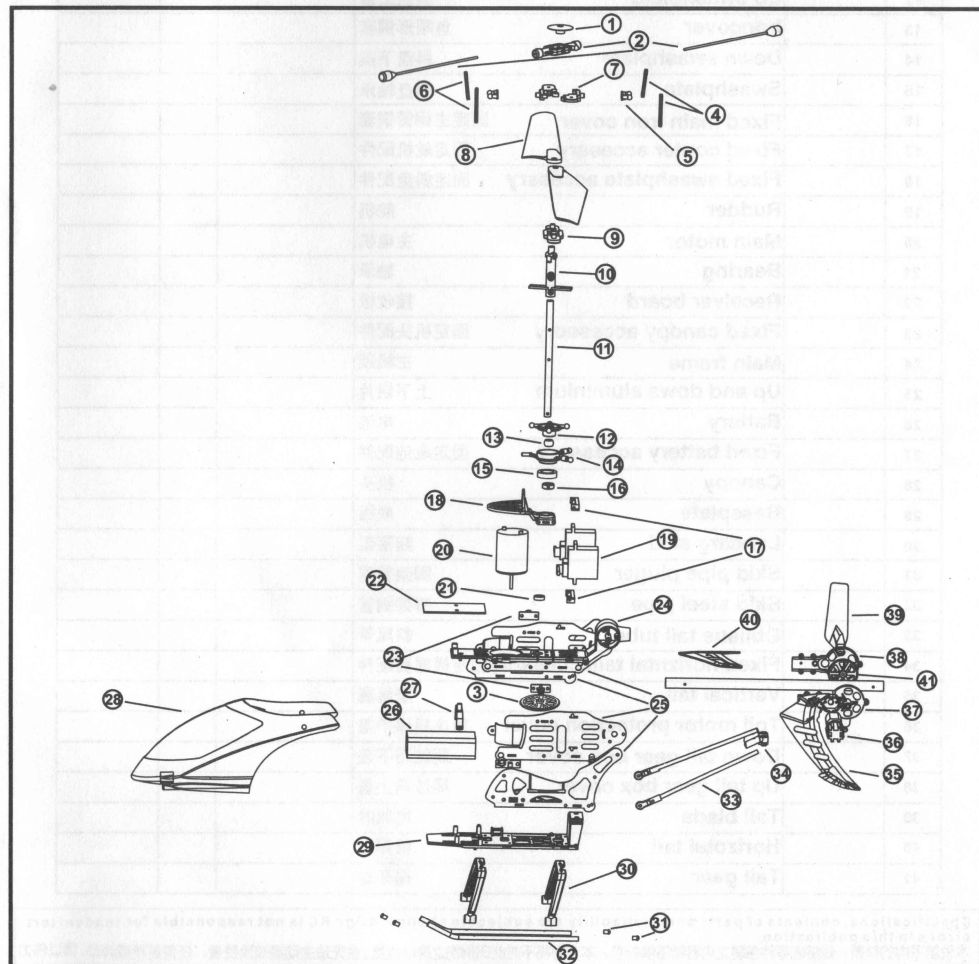
11. TROUBLE SHOOTING DURING FLIGHT 如何排除飞行中的状况

Situation 状况	Cause 原因	Way to deal 对策
1 Receiver status LED blinks continuously for more than 4 seconds after helicopter battery inserted. No response to control input. 插上直升机电池接收器指示灯持续闪烁, 操作无反应	Unable to bind to transmitter. 遥控器与接收器未对频成功	Repeat the power up initializing process. (Refer to P.11: Binding of radio transmitter and receiver) 请重新执行遥控器与接收机板的对频动作 (请参阅P.11遥控器与接收器的对频)
2 No response after battery is connected to helicopter. 插上直升机电池后直升机没有任何反应	1. power to transmitter and receiver. 2. Check transmitter and receiver voltage. 3. Poor contact on battery terminals. 1. 检查遥控器和接收器是否接通电源 2. 检查遥控器和接收电池的电压 3. 电池极片接触不良	1. Turn on transmitter and ensure helicopter battery is inserted properly. 2. Use fully charged batteries. 3. Re-seat the battery and ensure good contact between battery contacts. 1. 打开发射器并确保插入直升机电池至定位 2. 使用完全充电的电池 3. 重新插入电池, 确认电池和电池极片的接触是否正常
3 Motor does not respond to throttle stick, receiver LED flashes. 推动油门摇杆时马达不转, 且接收器指示灯开始闪烁	Helicopter battery depleted. 直升机锂电池电量不足	Fully charge the battery, or replace with a fully charged battery. 将电池充电或更换另一个充电的电池
4 Main rotor continue to spin after landing 降落之后, 主旋翼仍在旋转未停止	Throttle trim accidentally increased during flight. 飞行中误将油门微调调高	Confirm throttle trim is in center or slightly below. 确认油门微调在中间位置或是稍微向下调
5 Motor fails to run, but servo moves. 马达不转, 但伺服器仍有动作	1. Throttle trim is too high, triggering safety protection function. 2. Throttle was not all the way down during power up. 3. Loose motor connection or damaged motor 1. 油门微调偏高, 启动安全保护功能 2. 开机时, 油门摇杆未置于最低点 3. 马达接头松动或马达损坏	1. Lower throttle trim and restart throttle. 2. Lower throttle stick all the way down and restart throttle. 3. Re-seat the motor plug or replace the motor. 1. 调低油门微调后重新启动油门 2. 将油门摇杆推至最低点后, 重新启动油门 3. 将接头插至定位或更换汤不换马达
6 Main rotor spins but unable to takeoff. 直升机主旋翼有持续转动但不能起飞	1. Deformed main blades. 2. Helicopter battery depleted 1. 主旋翼变形 2. 直升机电池电量不足	1. Replace main blades 2. Charge or replace with a fully charged battery. 1. 更换主旋翼 2. 将电池充电或是更换另一个充电的电池
7 Strong vibration of helicopter 直升机震动的很厉害	1. Deformed main blades 2. Bent main shaft 3. Deformed tail rotor 4. Overtightening of main blade grips. 1. 主旋翼变形 2. 主轴弯曲 3. 尾旋翼变形 4. 主旋翼固定座螺丝锁太紧, 导致偏扭	1. Replace main blades 2. Replace main shaft 3. Replace tail rotor 4. Re-tighten main blade grips with suitable force. 1. 更换主旋翼 2. 更换主轴 3. 更换尾旋翼 4. 依适当力道重新锁附主旋翼固定座螺丝
8 Tail still off trim after tab adjustment, or inconsistent speed during left/right pirouette. 已调整尾舵微调, 但尾部仍会偏向一边或左旋/右旋速度不一致	1. Damaged tail rotors 2. Damaged tail drive motor 3. Helicopter was not stationary during power up. 4. Vibration induced gyro interference, causing tail unable to lock. 1. 尾旋翼变形 2. 尾马达不良 3. 插上直升机电源时机身未保持在静止状态 4. 机身异常震动, 陀螺仪受干扰, 尾舵无法锁定	1. Replace tail rotors 2. Replace tail drive motor 3. Re-power the helicopter while remaining stationary. 4. Refer to symptom 7. 1. 更换尾旋翼 2. 更换尾驱动马达 3. 重接电源并保持直升机在静止状态 4. 请参考问题7
9 Helicopter still wanders forward after trim adjustment during hover. 停悬时已调整微调, 但是直升机仍会往前或往后偏移	1. Elevator servo not level during power up. 2. Elevator pushrod too long or too short. 1. 开机时升降伺服器摇臂未置于水平位置 2. 升降控制连杆过长或过短	1. Center elevator trim after power up, and re-install elevator servo horn at level position. 2. If helicopter drifts forward, adjust linkage longer. If it drifts backward, adjust linkage shorter. 1. 开机后将升降微调归中立点, 重新装上摆臂使摆臂水平 2. 往前偏移时连杆调长, 往后偏移时连杆调短
10 Helicopter still wanders left/right after trim adjustment during hover. 停悬时已调整微调, 但是直升机仍会往左或往右偏移	1. Aileron servo not level during power up. 2. Aileron pushrod too long or too short. 1. 开机时副翼伺服器摇臂未置于水平位置 2. 副翼控制连杆过长或过短	1. Center aileron trim after power up, and re-install aileron servo horn at level position. 2. If helicopter drifts left, adjust linkage longer. If it drifts right, adjust linkage shorter. 1. 开机后将副翼微调中立点, 重新装上摆臂使摆臂水平 2. 往左偏移时连杆调长, 往右偏移时连杆调短

Situation 状况	Cause 原因	Way to deal 对策
11 Helicopter unable to remain stationary during hover 停悬时机身无法定点	1. Binding caused by rough components 2. Overtightening of mixing arms. 1. 机构干涉顺畅度不足 2. 控制臂锁太紧干涉	1. Confirm smooth movements of components and ball links. 2. Loosen up mixing arms axial screws. 1. 确认机身每一个机构及连杆头动作顺畅 2. 放松轴套螺丝让控制臂动作顺畅
12 Unusual vibration of helicopter during flights 直升机飞行时机身异常抖动	1. Binding between main blades and blade grips. 2. Insufficient head speed due to depletion of helicopter battery. 1. 主旋翼和主旋翼固定座干涉 2. 直升机电池电压不足, 主旋翼转速太慢	1. Ensure all head components are smooth with no binding. 2. Replace with a fully charged battery. 1. 确认主旋翼头组的每个机构活动顺畅不干涉 2. 请更换一个充电完成的新电池

If the problem is still there even after tried above, stop flying and contact with your seller.
在做完以上调整后, 仍然无法改善情况时, 应立即停止飞行并联络您的经销商。

12. PARTS LIST 各部零件名称



No.	Code No.	Name	Specification	Quantity	Remarks
1		Canopy	装饰盖		
2		Flybar rod	平衡杆		
3		Main gear	主牙轮		
4		Connect buckle A	连接扣A		
5		Ball accessories	球头配件		
6		Connect buckle B	连接扣B		
7		Blade holder Upper	上风叶夹		
8		Main blade	主风叶		
9		Blade holder Lower	下风叶夹		
10		Central shaft	中心轴		
11		Main steel pipe	主钢管		
12		Up swashplate	斜盘上盖		
13		Ironcover	鱼眼形铜套		
14		Down swashplate	斜盘下盖		
15		Swashplate	斜盘轴承		
16		Fixed main iron cover	固定主钢管铜套		
17		Fixed copter accessry	固定舵机配件		
18		Fixed swashplate accessry	固定斜盘配件		
19		Rudder	舵机		
20		Main motor	主电机		
21		Bearing	轴承		
22		Receiver board	接收板		
23		Fixed canopy accessory	固定机头配件		
24		Main frame	主机架		
25		Up and dowa aluminium	上下铝片		
26		Battery	电池		
27		Fixed battery accessory	固定电池配件		
28		Canopy	机头		
29		Baseplate	底板		
30		Landing skid	起落架		
31		Skid pipe pluger	脚架管塞		
32		Skid steel pipe	脚架钢管		
33		Oblique tail tube	斜尾管		
34		Fixed horizontal tail accessory	固定横尾翼配件		
35		Vertical tail	竖尾翼		
36		Tail motor protection cover	尾电机保护盖		
37		Down tail gear box cover	尾波箱下盖		
38		Up tail gear box cover	尾波箱上盖		
39		Tail blade	尾风叶		
40		Horizontal tail	横尾翼		
41		Tail gear	尾牙轮		

Specifications, contents of parts and availability are subject to change. Align RC is not responsible for inadvertent errors in this publication.

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WL TOYS

Specifications & Equipment/ 规格配备:

V912

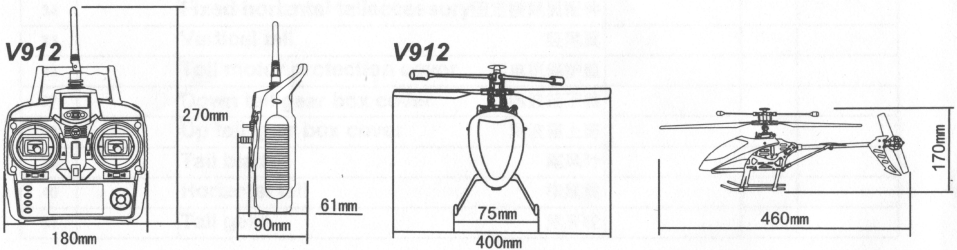
Length/ 机身长:460mm

Height/ 机身高:160mm

Main Blade Length/ 主旋翼长:400mm

Tail Rotor Diameter/ 尾旋翼直径:128mm

Weight(without Power System)/ 空机重294.5g



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