zhiyang®
志扬玩具
ZHIYANG TOYS

# Remote control aircraft (ZY-905)




## 使用产品前请仔细阅读说明书

## Please read the instructions carefully before using the product

1：包装和说明书中含有重要信息，请妥善保留。

the package and instructions contain important information, please keep it properly.

2：包装和说明书中的图片与产品实物不完全一致，请以实物为准。

The Pictures in the package and instruction are not exactly the same as the real product, please take the real product as the standard.

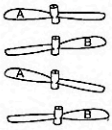
# 套材清单 KIT LIST

本产品含有下列物品，
请在使用前仔细检查，
如有缺少请于销售商联系。
This product contains the following items, please check carefully before use, if missing please contact the seller.

**无人机**
**Drone**



**替换螺旋桨**
**Replace the propeller**




**模块电池**
**Module Battery**



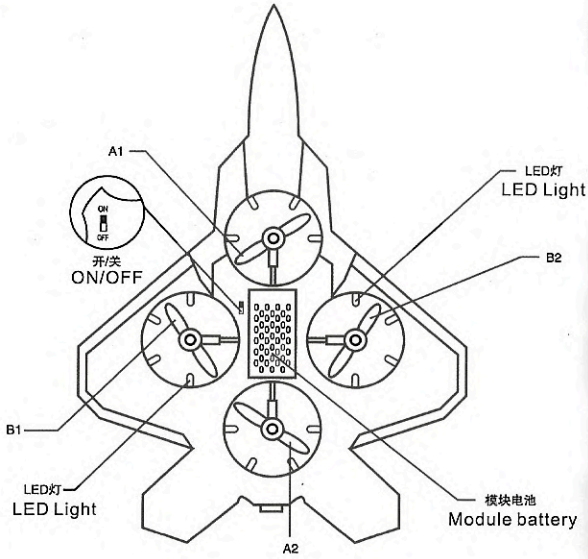
**无人机遥控器**
**Drone Controller**

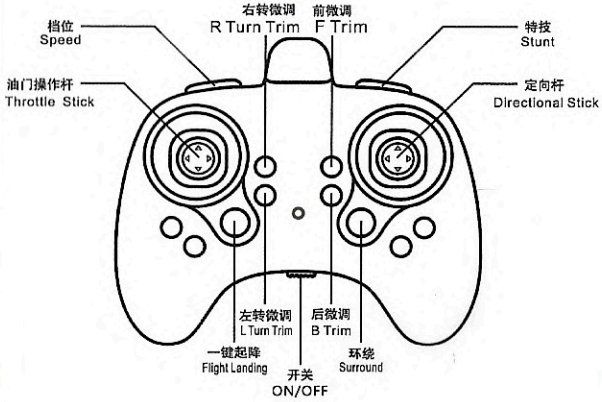


**充电线**
**USB Charging Cable**



# 概述 OVERVIEW



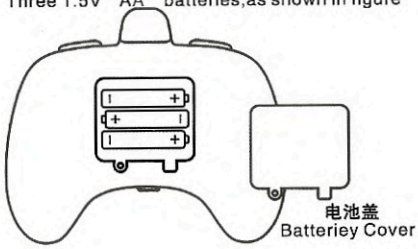



# ⚠ 电池警告Battery warning

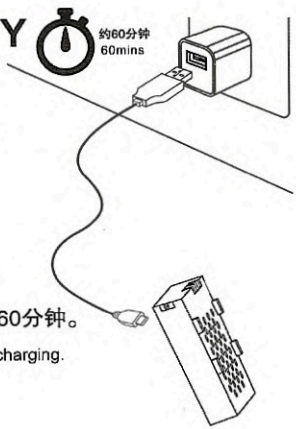
- 不要将新旧电池混用
  Do not mix old and new batteries
- 不要将碱性电池、标准电池（碳锌电池）或可充电电池混合使用
  Do not mix alkaline batteries,standard batteries(carbon zinc batteries) or rechargeable batteries
- 建议使用碱性电池（仅使用指定电压的电池）以正确的极性插入电池，务必在成人监督下使用，更换电池并为其充电（如果适用）
  Alkaline batteries are recommended(onlybatteries of specified voltage are used)Insert the battery with the correct polarity,be sure to use it under the supervision of an adult,replace the battery and charge it(if applicable)
- 不要试图给不可充电的电池充电
  Do not try to charge a non rechargeable battery
- 请勿让电池的供电端子短路
  Do not short circuit the battery supply terminal
- 不要在火中处理电池，电池可能爆炸或泄露
  Do not handle the battery in the fire, the battery may explode or leak
- 储存前拆下电池
  Remove the battery before storage
- 根据地方法律回收或处理电池
  Recycle or dispose of batteries according to local laws
- 请保留这些说明以备将来参考
  Please keep these instructions for future reference

## 摇控器 REMOTE CONTROL

打开电池盖并安装
3节1.5V “AA” 电池，如图所示
Open the battert cover and install it
Three 1.5V “AA” batteries,as shown in figure




## 充电/电池 CHARGING/BATTERY




1、充电前请关掉无人机，将电池从飞机上取下充电
Turn off the drone and remove the battery from the plane before charging

2、将电池充电线连接到电池的充电端口
Connect the battery charging cable to the charging port of the battery

3、将充电线连接到电源
Connect charging cable to power source

注意：电池在充电时会亮红灯，充满后灯光熄灭，充电时间约60分钟。
Note:The red light will be on when the battery is charged. The light will be off after charging.
The charging time is about 60 minutes.

# 可充电电池警告（可更换电池）1

## RECHARGEABLE BATTERY WARNING(REPLACEABLE BATTERY)

**如果电池被刺穿，损坏或误用，则有火灾和人身伤害的危险**

**There is a risk of fire and personal injury if the battery is punctured,damaged or misused.**

- 请勿拆卸、压碎、焚烧或使用短路的蓄电池
  Do not disassemble,crush,burn or use short-circuit batteries
- 切勿将电池暴路在极端温度或湿度下，远离易燃材料和阳光直射
  Do not expose the battery to extreme temperature or humidity,
  Keep away from flammable materials and direct sunlight
- 只能使用提供的充电器、电线或适配器充电
  电池只能由成人充电，充电时需要成人监督
  Only use the charger,wire or adapter provided,The battery can only be charged by adults,Adult supervision is required when charging.
- 充电前让电池冷却到适当温度
  Allow the battery to cool to the proper temperature before charging
- 如果电池变热，膨胀，冒烟或散发出强烈的气味，请停止充电
  Please stop charging if the battery gets hot, expands,smokesor gives off a strong smell.
- 应在不易燃物品上充电，远离易燃品，应定期检查与本产品一起使用的电池充电器、电源线、插头、外壳和其他部件，并观察是否损坏，如果损坏，则必须在修复损坏后才能使用
  Charge on non flammable materialsand keep away from flammable materials.Battery chargers,power cords,plugs, enclosures and other components used with this product should be checked regularly and observed for damage or not,if damaged,used after repair of the damage
- 存放之前，请取出电池（如果可拆卸）
  Remove the battery before storage(if removable)
- 根据地方法律回收或处理电池
  Recycle or dispose of batteries according to local laws

# 可充电电池警告（可更换电池）2

## RECHARGEABLE BATTERY WARNING(REPLACEABLE BATTERY)

**如果电池被刺穿，损坏或误用，则有火灾和人身伤害的危险**

**There is a risk of fire and personal injury if the battery is punctured,damaged or misused.**

- 电池或电池组不应该被拆解，粉碎，刺破，打开或以其他方式毁坏
  The battery or battery pack should not be disassembled, crushed, punctured,opened or otherwise destroyed
- 如果电池被吞下，请立即就医
  If the battery is swallowed,seek medical advice immediately
- 如果电解液接触到皮肤或眼睛，请立即用淡水冲洗至少15分钟并立即就医
  If the electrolyte comes into contact with skin or eyes,rinse immediately with fresh water for at least 15 minutes and seek medical advice immediately
- 将电池存放在原始包装中，并远离可能会使他们短路的金属物体
  Store batteries in their original packaging and keep away frommetal objects that may short circuit them
- 请勿使电池跌落或使其受到强烈的机械冲击
  Do not drop the battery or subject it to strong mechanical impact
- 在使用和储存期间，保持电池或电池组清洁和干燥，
  During use and storage,keep the battery or battery pack cleanand dry.
- 如果金属端子变脏，请用柔软的干布擦拭，使用前给电池或电池组充电
  If the metal terminal is dirty, please wipe it with a soft dry cloth.Charge the battery or battery pack before use
- 首次使用的或长时间存放后，可能需要对电池或电池组进行两次或三次充电和放电，才能获得最佳性能
  It may be necessary to charge and discharge the battery or battery pack twice or three times to obtain the best performance when it is used for the first time or stored for a long time
- 除非制造商另有规定，否则最好在15℃至30℃的温度下为电池或电池组充电保留原始产品资料以备将来参考
  It is better to charge the battery or battery pack at 15℃ to 30℃ Unless otherwise specified by the manufactuer Keep original product information for future reference

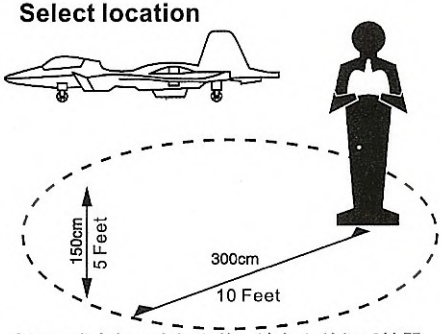
# 无人机操作指南
# DRONE OPERATION GUIDE

## 1.飞行前检查
### Pre flight inspection

阅读所有的警告和说明；安装无人机和遥控电池；
确保无人机和遥控电池断电；给电池充电。

Read all the warings and instructions;Install batteries of drone and remote control;Make sure the drone and remote control are powerd off;
Charge the battery.

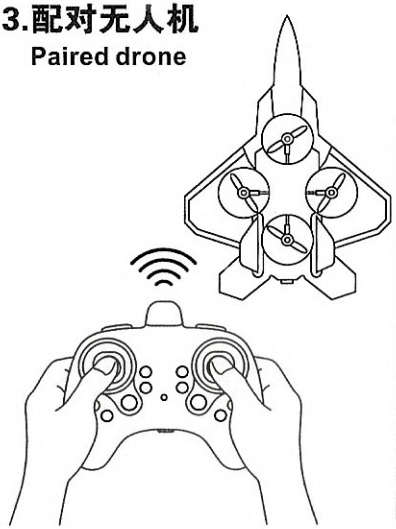
## 2.选择位置
### Select location




在取回或拿起无人机之前，请务必关闭遥控器，以避免意外启动螺旋桨。

Before retrieving or picking up the drone,be sure to turn off the remote control to avoid starting the propeller accidentally.

## 3.配对无人机
### Paired drone



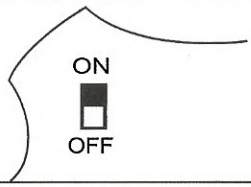
1

确保遥控器已关闭
Make sure the remote control is off



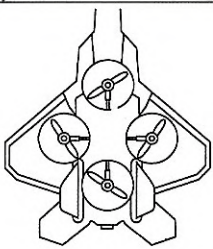
2

打开无人机开关
Turn on the drone switch




3

把无人机放在平坦的地面上
Put the drone on flat ground



4

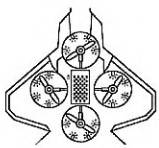
打开遥控器，
Turn on the remote




5

无人机的灯光在配对过程中会闪烁，配对完成后保持常亮

The light of drone will flicker during the pairing process and remain on after pairing

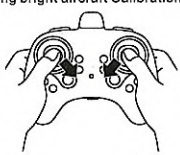


6 校准飞行器（飞行器不稳偏飞乱飞时校准飞行器）

打开飞行器平放地面再打开遥控器起飞前两摇杆推至内斜角2-3秒，等飞机灯由快闪到长亮飞行器校准完成。

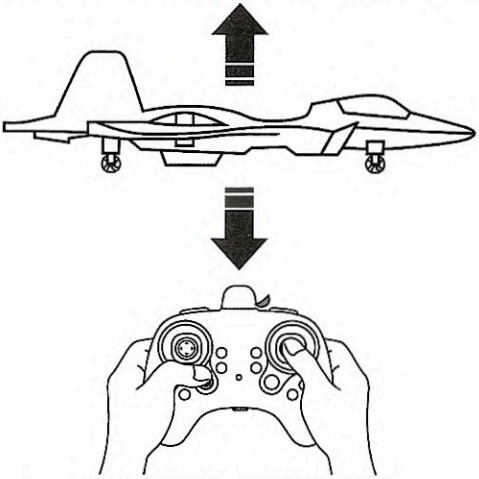
**Calibrate the aircraft**
(calibrate the aircraft when the aircraft is unstable and flying wildiy)

Turn on the aircraft flat on the ground and turn on the remote control Before internal bevel the two rockers to the internal bevel for 2-3 seconds.
Wait for the aircraft lights to flash from fast to long bright aircraft Calibration completed.



## 一键起降

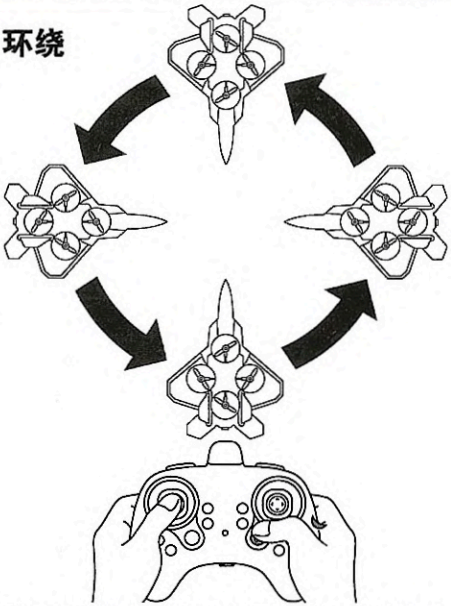
## ONE KEY TAKE OFF & LANDING



按下一键起降键，触发自动起飞降落。

Press Flight Landing button to trigger automatic take-off and landing

## 环绕

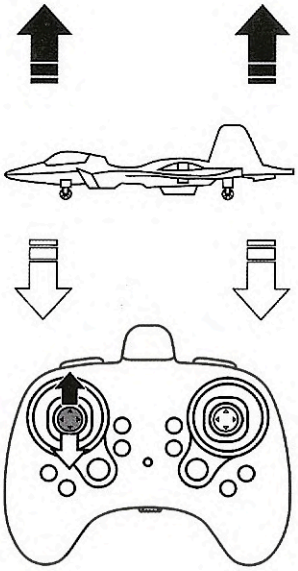


短按一下环绕键飞机盘旋环绕，再次短按一下环绕键飞机停止环绕。

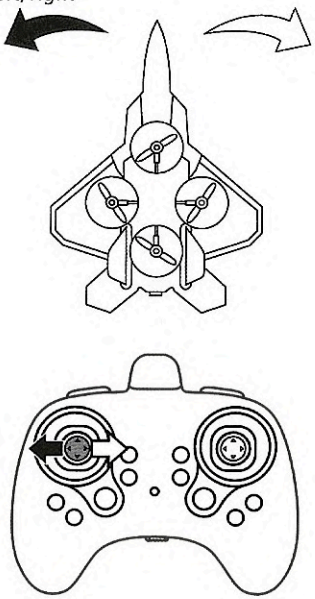
Short press the wrap button to circle the airplane, and short press the wrap button again to stop the airplane from circling.

# 操作介绍
# OPERATION INTRODUCTION

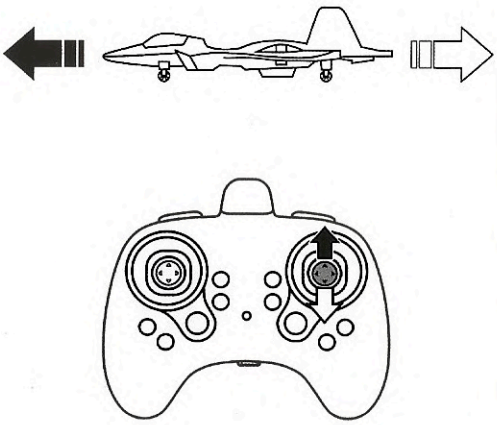
上下悬停
Hover up and down



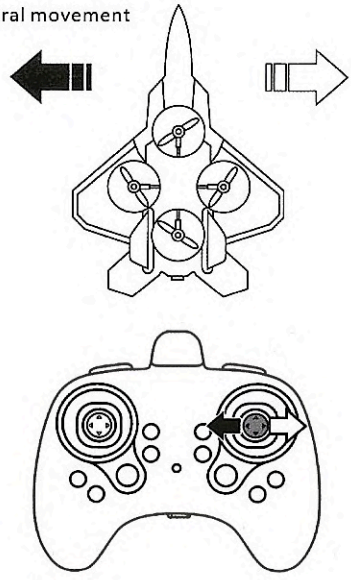
左转和右转
Turn left/right



向前和向后
Forward and backward



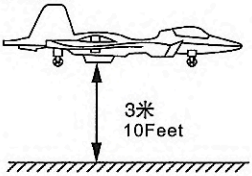
横向
Lateral movement



# 高级模式 ADVANCED MODE

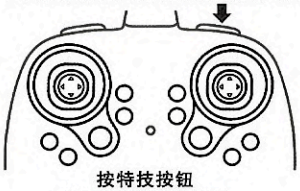
360°旋转
360° stunt

1



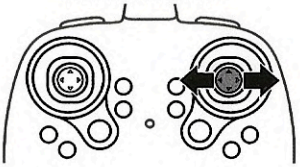

将无人机悬停到至少3米以上
Hover the drone at least above 10ft

2

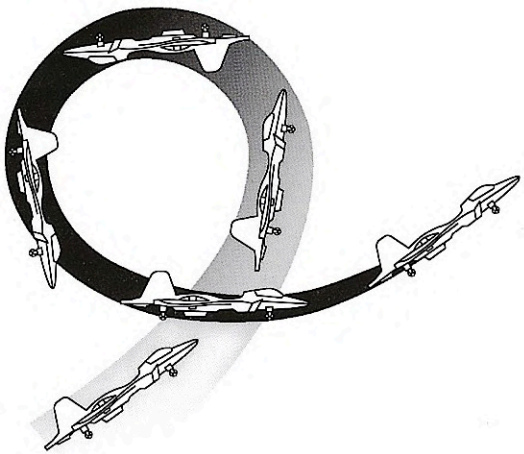


按特技按钮
Press stunt button

3



将定向杆向左或向右移动，以使无人机翻转
Move the dirctional button to left or right
that make the drone flip



# 提示
# TIPS

- 不要将无人机撞到沙子或泥土中，无人机齿轮可能堵塞
  Do not carsh the drone into sand or sand,the gears of the drone may be clogged
- 当第一次学习飞行时，练习起飞和旋转
  When learning to fly for the first time,practice taking off and spinning
- 请离墙壁和建筑物十几米远
  Please keep several feet away from the walls and buildings
- 坠毁后或螺旋桨中卡住东西时，始终将油门操作杆一直压到底
  Always press the throttle lever all the way after crashing or when something gets stuck in the propellers
- 切勿在人身上或附近使用无人机，风的突然变化或其他情况可能导致意外坠毁
  Do not use drone above or near people,sudden change of wind or when something gets stuck in the propellers
- 驾驶无人时要谨慎，遵守有关法律，尊重他人的隐私和财产权利
  You should be cautious when flying the drone,abide by the relevant laws,and respect the privacy and property rights of others
- 除预期用途外，不得改装或用于任何用途
  The drone shall never be modified or used for angthings except its intended purpose

**警告：未经责任方明确批准，对本装置进行的更改或修改可能会使用户失去操作设备的权限**

**WARNING: Without the explicit approval of the responsible party changes or modifications to the devica may cause the uses to lose the authority to operate the equipment**

# 故障排除

# TROUBLE SHOOTING

**打开遥控器开关时，遥控灯不亮：**

**When the remote control switch is turned on:**

1）检查遥控器中的电池是否安装正确

Check that the battery in the remote control

2）更换新电池

Replace the battery with a new one

**飞行中遥控器电源指示灯闪烁：**

**The remote control power indicator flashes during flight**

1）电池电量不足，立即降落无人机

The remote battery is low.Land the drone immediately

2）更换电池

Replace the old battery

**无人机和遥控器配对正确，但无人机不会升空：**

**The drone and the remote control are paired correctly,**

**but the drone can not take off:**

无人机电池需要充电，使用USB充电线将无人机电池连接到电源

The drone battery needs to be charged,use the USB charging cable to connect the drone battery to the power sourcei

**在微调无人机后，飞行非常不稳定，无法正常飞行：**

**After fine-tuning the drone,the flight is very unstable,unable to fly normally:**

1）有可能一个或多个叶片损坏，请更换合适的叶片，再尝试飞行

One or more blades may be damaged.Pleasɔ replace the appropriate blades and try to fly again

2）向下内侧按遥控杆5秒钟，遥控器滴滴2声，复位陀螺仪

Press down the remote control lever to inner side of the remote control for 5 seconds,the remote control will make 2 beeps, and the gyroscope reset

3）关闭无人机和遥控器，然后重新配对无人机

Turn off the drone and remote control,and then pairing the drone

**遥控器和无人机不能配对：**

**Remote control and drone cannot be paired:**

遥控器必须在无人机三米以内

The remote control must be within 12 feet of the drone

注：如果三米内有多架未配对的无人机，则必须先成功配对一架然后才能配对其他无人机

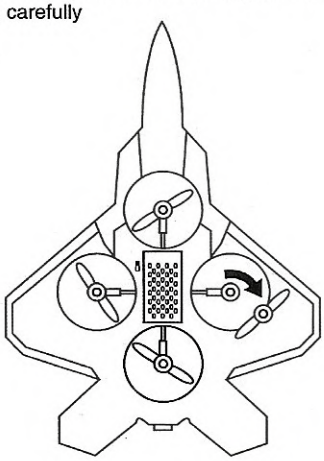
Note:If there are multiple unpaired drones within 12 feet,one must be successfully paired before other drones can be paired

# 如何更换螺旋桨

# HOW TO REPLACE PROPELLER

1.用力拉动以卸下损坏的螺旋桨，换一个新的，用力小心地推动

Pull hard to remove the damaged propeller, replace it with a new one, and push hard and carefully



2.每个叶片上都有一个字母，将桨叶与无人机上的对应字母匹配

There is a letter on each blade,match the blade with the corresponding letter on the drone

