

# REBEL 70mm EDF JET

**User Manual** 



Version No.:FJ20311-V01

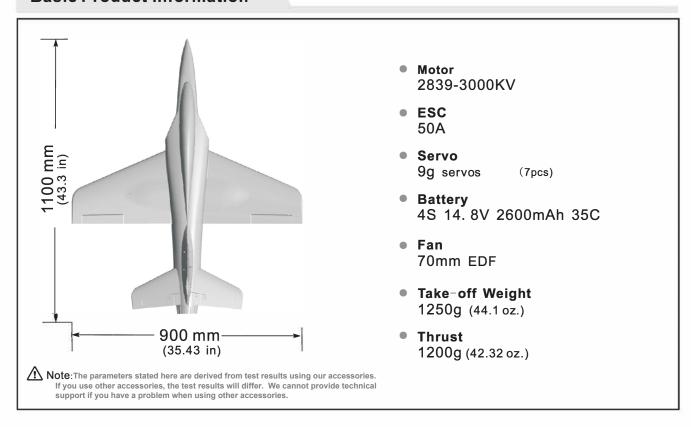
Thank you for purchasing the new Rebel V2! This EDF, with its superb stability, has proven itself to be an excellent trainer for those wishing to step up into jets. In the new version, V2, the power plant has been upgraded, the battery compartment revised as well as retractable landing gear and functioning flaps.

NOTE: This is not a toy. Not for children under 14 years. Young people under the age of 14 should only be permitted to operate this model under the instruction and supervision of an adult. Please keep these instructions for further reference after completing model assembly.

#### Note:

- 1. This is not a toy! Operators should have some basic experience. Beginners should operate only under the guidance of a professional instructor.
- 2. Before beginning assembly, please read through the instructions and carefully follow them throughout the build.
- Freewing and it's vendors will not be held responsible for any losses due to improper assembly and operation.
- 4. Model airplane operators must be at least 14 years of age.
- 5. This airplane is made of EPO foam material, covered with surface spray paint. Don't use chemicals to clean as it may cause damage.
- 6. You should avoid flying in areas such as public places, areas with high voltage power lines, nearby highways, airports or in other areas where laws and regulations clearly prohibit flight.
- 7. Do not fly in bad weather conditions, including thunderstorms, snow, etc...
- 8. Lipo batteries should be properly stored in a fire proof container and be kept at a minimum of 2M distance away from flammable or explosive materials.
- 9. Damaged or scrap batteries must be properly discharged before disposal or recycling to avoid spontaneous combustion and fire.
- 10. At the Flying Field, properly dispose of any waste you have created, don't leave or burn your waste.
- 11. Ensure that the throttle is in the lowest position and transmitter is turned on, before connecting a Lipo Battery to the ESC of the aircraft.
- 12. Do not try to catch the airplane while in flight or during landing. Wait for the airplane to come to a complete stop before handling.

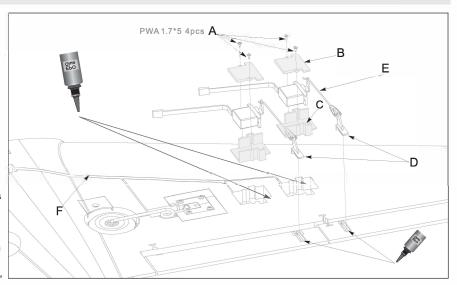
#### **Basic Product Information**

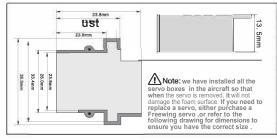


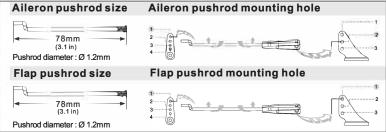


#### Main Wing Servo Installation

- A- Screws(PWA1.7x5mm)
- B- 9g servo cover
- C- 9g servo box D- Control horn
- E- Pushrod
- F- Trough
- Use a servo tester or your radio to center the servo arm.
- Use the supplied glue to attach the "9g servo box(C)" and the "Control horn (D)" to the Main Wing.
- 3. Feed the servo wires into the Trough.
- 4. Fit the 9g servo covers (B)over the servos and use 2 screws (A) to attach them.
- Feed the open end of the push rod (E) into the servo arm and adjust the length so that the control surface is neutral when the servo is centered.
- 6. When the push rod is at the proper length, snap the clevis into the control horn.

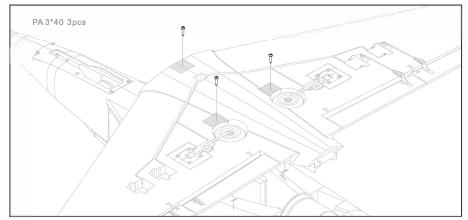






#### A. Screws (3xPA3\*40)

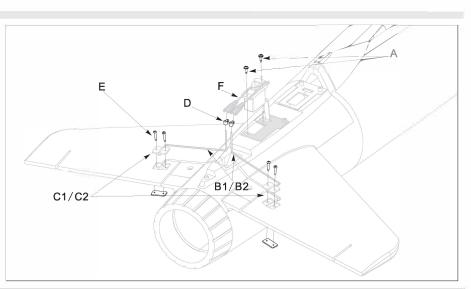
1. Place the main wing on the fuselage and secure it with three screws.



#### **Elevator Installation**

#### **Elevator Servo Installation**

- A- Screws (PWA2x8mm)
- B- Elevator drive pushrod
- C- Elevator control horn
- **D- Control collars**
- E- Screws (PT1.7x10mm)
- F- Pushrod
- Using the diagram as a guide, use screws (A) to secure the elevator servo to the fuselage.
- Insert the open ends of the elevator pushrods (B1&B2)into the servo control horn and attach the clevis' to the control collars (D).
- 3. Secure the control collars (D) to the control horns (B1&B2).
- 4. Use the 4 screws (E) to secure the elevator horns (C1&C2).





#### A- Screws (3xPA3x40mm)

1. Use the 2 screws (PA3x40mm) to secure the elevator to the tail of the fuselage.

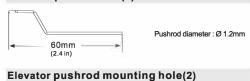
## Elevator pushrod size(1)

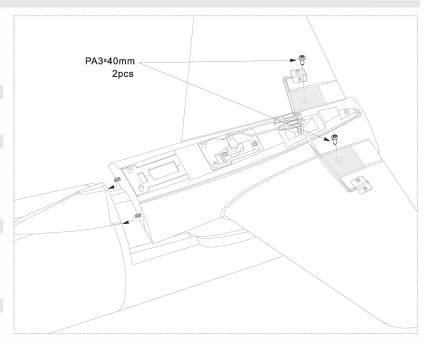


#### Elevator pushrod mounting hole(1)



#### Elevator pushrod size(2)





#### **Rudder Installation**

#### **Rudder Servo Installation**

- 1.Use your servo tester or radio to center the servo
- 2.Use the supplied glue to attach the 9g servo and control horn to the rudder.
- Adjust the push rod length so that the rudder is in the neutral position when the pushrod is connected
- 4. When the pushrod is properly adjusted, attach the clevis to the rudder control arm.

#### Rudder pushrod size

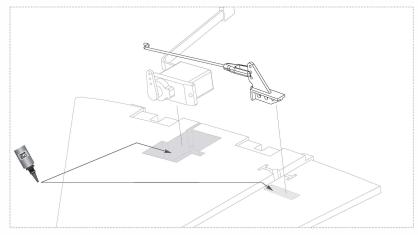


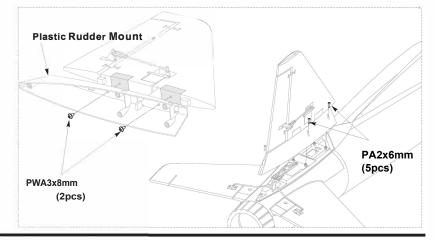
Pushrod diameter : Ø 1.2mm

#### Rudder pushrod mounting hole



- A-Screws (PWA3x8mm) B-Screws (PA2x6mm)
- C-Plastic rudder mount
- Using the diagram as a guide, use the 2 screws (PWA3x8mm) to attach the rudder to the plastic rudder mount.
- 2. Use the 5 screws (PA2x6mm) to secure the rudder to the fuselage.





#### Nose landing gear sparepart list:

A- Electric retracts

B - E-Clip (02.0mm)
C - Nose landing gear steering pushrod D-Nose landing gear steering control ring E -

Trunnion
F - Nose landing gear strut

G - Steering tiller H - Screw (PT2.6.6mm) I -Wheel

J-Wheel lock bolt

K- Grub screw (M3\*3mm)
L- Nose landing gear set
M - Screws (PA2.G·10mm)
N- Nose gear mount

1.Put the "Steering tiller (G)" and "Landing gear rotating arm(E)" in the "Landing gear metal wire (F)"

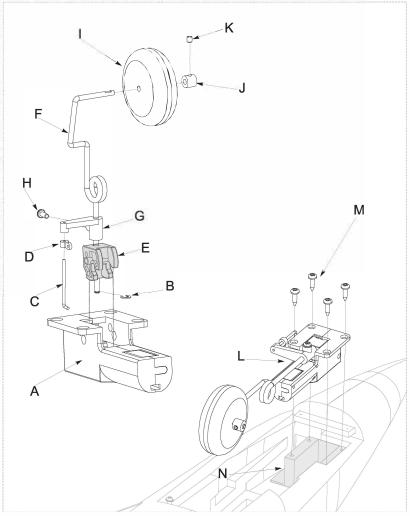
2.Snap the "E-clip(B)" on the notch of "Landing gear metal wire (F)" to secure it. Use "screw(H)" to anchor the "Steering tiller(G)". Jeut the "nose landing gear steering control ring(D)" on the "Nose landing gear steering push rod(C)", and screw the threaded end of "Nose landing gear steering pushrod(C)" to the "Steering tiller(G)".

4.Put the "wheel (I) and "Wheel lock bolt (J)" to the bottom of "nose landing gear strut (F)", and use "Grub screw(K)" to secure the "Wheel lock

bolt(J)".

5. Place the assembled "nose landing gear (L)" on the "nose gear mount (N)". and use "screws (M)" to secure it.

Note: when installing, please check the flat position of applicable parts, when screwing a part to seat properly, the flat position must face the screw hole. If they are not seated properly, they may fall off.



#### **Main Landing Gear Installation**

#### Main landing gear sparepart list:

A- Electric retract

B - Grub screw (M3·3mm) C - Main landing gear metal strut

D-Wheel

E -Wheel lock bolt

F - Grub screw (M3\*3mm)

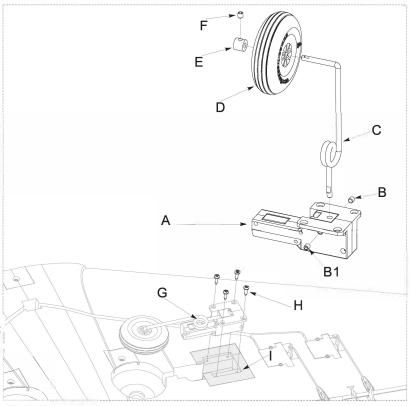
G - Rear landing gear set H - Screws (PA2.6•1omr

I - Main gear mount

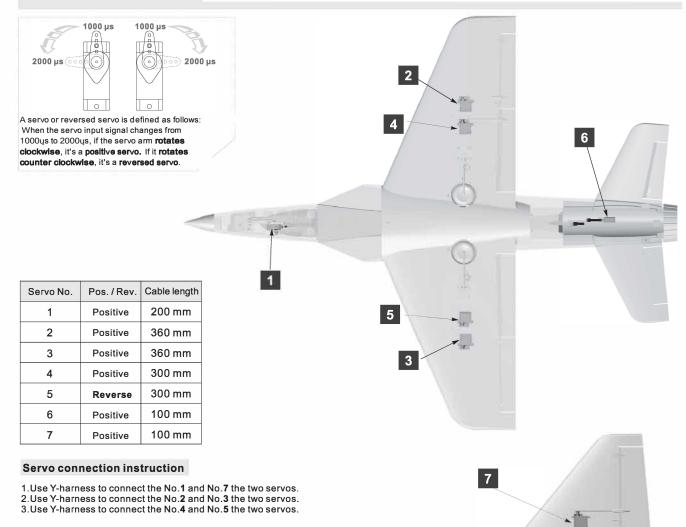
- 1.Insert the "Main landing gear metal strut (C)" into the "Electric retract(A)", and use "Grub screw (B)," to secure it.
- 2.Put the wheel(D) Wheel lock bolt(E)" to the Main landing gear metal strut(C)", and use"Grub screw(F)" to secure the" wheel lock bolt(F)".
- 3. Place the main landing gear assembly (G) on the

"Main gear mount (I)" and secure it with "4 screws (H)".

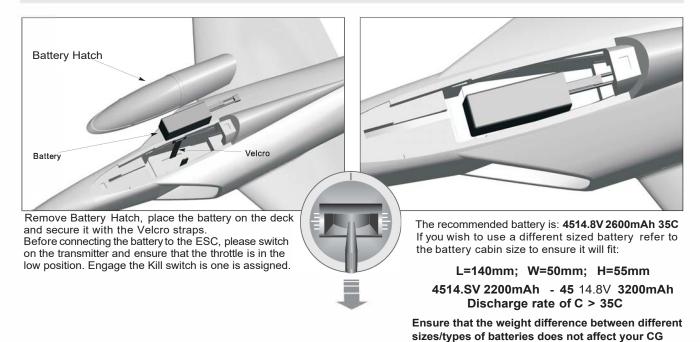
⚠ Note: When installing, please check the flat position of applicable parts, when screwing a part to seat properly, the flat position must face the screw hole. If they are not seated properly, they may fall off.





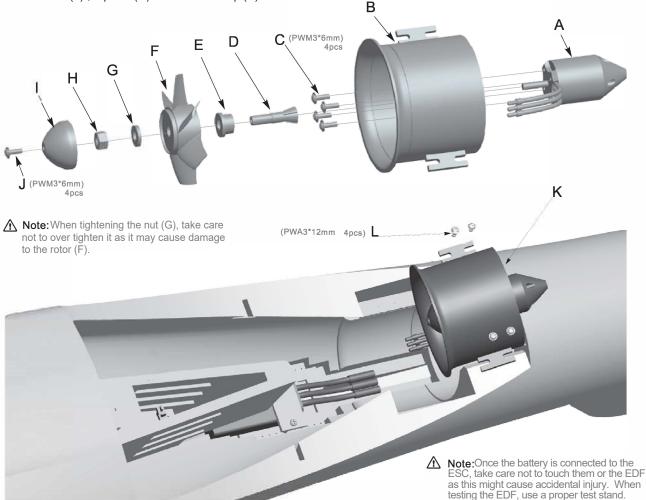


#### **Battery Installation**



- 1.Fit "motor (A)" into "ducted fan housing (B)".
- 2. Secure the motor with 4 "screws (C)".
- 3.ISlide the "motor clip (D)" over the motor shaft.
- 4.Put the "fixed disk (E)" on the "motor clip (D)".
  5.Put the "rotor (F)", "spacer (G)" on the "motor clip (D)".

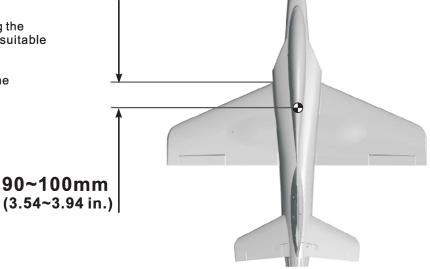
6.Use "nut (H)" to secure the "motor clip (D)" and the "rotor (F)". 7.Cover the "spinner (I)", and use "screw (J)" to secure it. 8.Put the installed "EDF (K)" in the fuselage and secure it with 4 "screws (L)".



## **Center of Gravity**

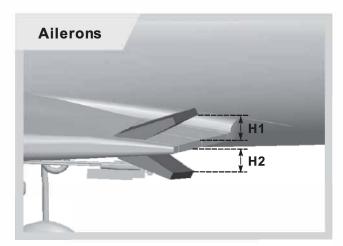
Correct center of gravity is directly related to the success of the flight, please refer to the following CG diagram to adjust your plane's center of gravity.

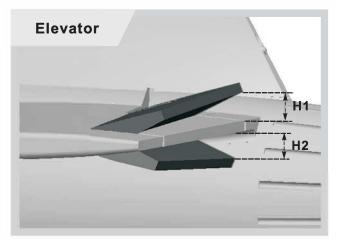
- You can move the battery forward or backward to adjust the center of gravity.
- If you can not adjust the CG by moving the battery, you can also use some other suitable material weight to counterweight.
- Bottom line: make sure that CG is in the correct position.

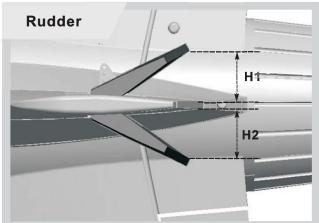


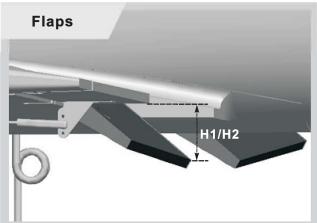


According to our test results, the following rates proved to be a good starting point. Low rates are good for initial flights or less experienced pilots. High Rates will be more sensitive to control inputs. After initial flights, adjust the rates to suit your own style.



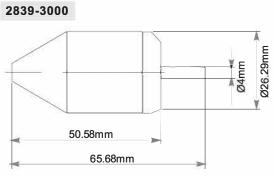


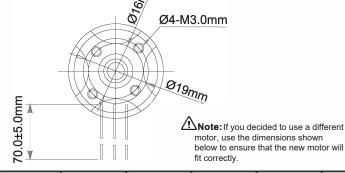




	Aileron	Elevator	Rudder	Flaps	
Low Rate	H1/H2 10mm/10mm	H1/H2 12mm/12mm	H1/H2 20mm/20mm	H1 8mm	
High Rate	H1/H2 14mm/14mm	H1/H2 16mm/16mm	H1/H2 30mm/30mm	H1 13mm	

### **Motor parameters**





Model	KV (RPM/V)	Volate (V)	Load Current (A)	Pull (g)	Rotate Speed (rpm)	Weight (g)	No Load Current	Propeller	ESC
MO028391	3000RPM/V	14.8	42	1250	33000	86	4.5A	70mm Ducted Fan	>45A



Once the airplane is assembled, prior to the first flight, you need to ensure that the control surfaces are moving in the correct direction. Turn on the radio and set the throttle to the lowest position. Engage the kill switch if one is assigned. Use the radio to test the control surface direction. Refer to th diagrams below for proper control inputs.

#### **Aileron**





#### **Elevator**





#### Rudder





#### **Optional Flaps**



	1	T.		
	A) Li-Po battery depleted	A) Recharge Li-Po battery		
	B) Transmitter batteries depleted	B) Replace or recharge batteries		
	C) Transmitter not turned on	C) Turn on transmitter		
Motor does not turn on	D) Li-Po battery not plugged in	D) Plug in Li-Po battery		
	E) Motor not armed	E) Arm motor		
	F) A crash has damaged an internal component	F) Replace		
	G) ESC or other damaged	G) Check ESC or contact local distributor		
	A) You are flying in too much wind	A) Fly when there is no wind		
	B) Li-Po battery depleted	B) Recharge Li-Po battery		
Airplane is difficult to control	C) Transmitter batteries depleted	C) Replace or recharge batteries		
	D) Transmitter antenna not extended completely	D) Extend transmitter antenna completely		
	E) Surface control rate is too high	E) Use low rate to fly		
The airplane flies nose heavy, needs continuous up elevator	A) CG is forward	A) Adjust CG backward refer to instruction		
Airulana daista last annimba alimba an daasaada wakkana	A) The aircraft is out of trim adjustment	A) Adjust the transmitter trim tabs		
Airplane drifts left or right, climbs or descends, with no control input.	B) You are flying in too much wind	B) Fly when there is no wind		
The airplane flies tail heavy	A) CG is too far back	A) Adjust CG forward refer to instruction		
The airplane does not taxi straight	A) Nose gear is not center.	A) Center nose gear		
	B) Rudder is not center.	B) Center rudder		
	A) Thrust is not on the high position	A) Thrust is on the high position		
	B) Taxi distance is not enough	B) Long taxi distance		
Take off is difficult	C) Elevator rate is not enough high	C) Use high rate of elevator		
	A) Li-Po battery is depleted	A) Recharge Li-Po battery		
	B) Ducted fan is damaged	B) Check and replace ducted fan		
A include a smill of the b	C) Motor is damaged	C) Check and replace motor		
Airplane will not climb	D) ESC overheat protection, power reduction.	D) Landing, check and select a more powerful ESC		
Li-po battery is warm after charging	A) This is normal	A) The Li-Po battery may be slightly warm when fully charged. It should not be hot to the touch.		
	A) Ducted fan is damaged	A) Check and replace ducted fan		
	B) Motor is damaged	B) Check and replace motor		
	C) Ducted fan is not balance	C) Adjust the ducted fan balance		
Motor vibrates excessively	D) At high speed, it will vibrate slightly	D) Its normal		
Control surface move the wrong direction	A) Servo direction is reversed	A) Adjust servo reversing function		
	1	1		



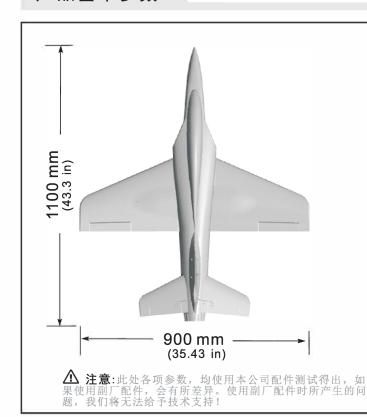
感谢您购买我们的Rebel V2, Rebel是一款稳定性非常好的涵道练习机,简单的结构使得组装和维护变得非常容易! 新的Rebel V2增强了动力,改良了电池舱位置,增加了襟翼功能和收放起落架功能。

⚠ 注意:模型产品是具一定危险性的产品,请禁止14岁以下的儿童玩耍,14岁以上的儿童,请在有飞行经验的成人指导下使用,无飞行经验的购买者,应当在具有一定电动涵道飞机飞行经验的成人指导下使用!组装模型前,请仔细阅读说明书,按照说明书的要求进行安装.进行调试和飞行时,请根据说明书指示的参数进行调整。

## 重要提示

- 1. 模型飞机不是玩具, 操作者需要具备一定的经验; 没有经验的初学者, 必须在有丰富经验的专业人士指引下, 逐步学习!
- 2. 在组装之前,必须认真阅读产品说明书,严格按照说明书指示操作。
- 3. 飞翼模型及其销售商,对于违反说明书的要求操作而造成的损失、将不负任何法律责任!
- 4.模型飞机的使用年龄必须是14岁以上的儿童或者成人。
- 5. 此模型产品使用EPS材料制成,表面喷涂油漆,不可随意使用化学制剂擦拭,否则会损坏模型产品。
- 6. 不可以在公共场合、高压线密集区、高速公路附近、机场附近或者其它法律法规明确禁止飞行的场合飞行。
- 7. 不可以在雷雨、大风、大雪或者其它恶劣气象环境下飞行。
- 8.模型飞机的电池产品,不可以随意乱扔,乱放。存放时,必须保证周边2M范围内,无易燃、易爆物体。
- 9. 损坏或者报废处理的模型飞机电池,应妥善回收处理,不准随意抛弃,避免自燃而引发火灾。
- 10. 在飞场飞行时,应做到妥善处理飞行后所产生的垃圾,不可随意抛弃、焚毁模型及其配件。
- 11. 在任何情况下, 都必须保证油门杆处于起始位、发射机处于打开状态时, 才能连接模型飞机内部的动力电池.
- 12. 无论是模型飞机是在正常飞行过程中,或者是在缓慢降落过程中,都不要尝试用手去回收模型。必须等模型降落停稳以后,再进行回收!

## 产品基本参数



- 电机 2839-3000KV
- 电调 50A 无刷电调
- 舵机 9g 模拟舵机 (7pcs)
- 电池 4S 14.8V 2600mAh 35C
- 涵道风扇70mm 涵道
- 起飞重量 1250g (44.1 oz.)
- 推力 1200g (42.32 oz.)

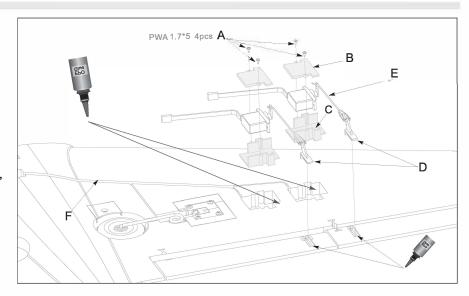
起落架	副翼	襟翼	升降舵	方向舵	油门
电动收放起落架 简易起落架	有	有	有	有	有

### 主翼舵机安装

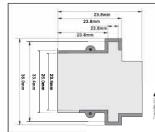
- A 螺丝 (PWA1.7×5mm)
- B-9g舵机盖
- C 9g舵机盒 D-舵面摇臂
- E-主翼舵机控制钢丝
- F 舵机线槽

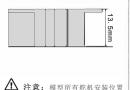
- 1. 通过舵机测试仪或者遥控器,把舵机摇臂校正到居中位置; 2. 用胶水把"9g舵机盒(C)"和"舵面摇臂(D)"粘在主翼上; 3. 把舵机安装到"9g舵机盒(C)"内,同时把舵机线压入"舵机线槽(F)",然后盖上"9g舵机盖",最后用2颗"螺丝(A)"锁紧固定; 4. 用舵机传动控制钢丝连接舵机摇臂与"舵面摇臂(D)"。

通过调整钢丝长短距离,使主翼舵面处于居中位置!



副翼舵机钢丝安装孔位



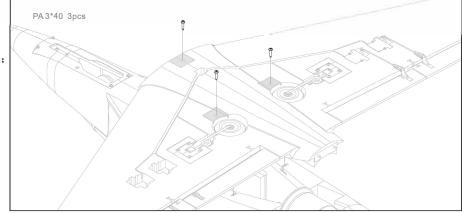


78mm (3.1 in) 钢丝直径 Ø1.2mm 襟翼控制钢丝尺寸 襟翼舵机钢丝安装孔位 钢丝直径 Ø1.2mm

副翼控制钢丝尺寸

▲ 注意: 模型所有舵机安装位置 已经安装好舵机乱身使玩家在拆焊解 现机时,不会最低机复表面。如果需参 更换舵机,请购买原厂舱机或需参考 下列图纸,选择尺寸相符的舵机!

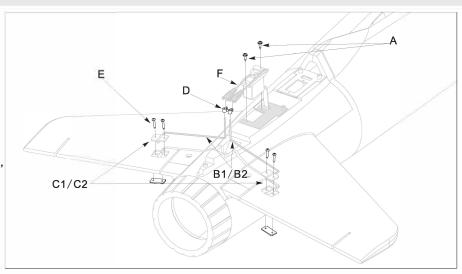
1. 把主翼扣在机腹上,用螺丝固定机身;



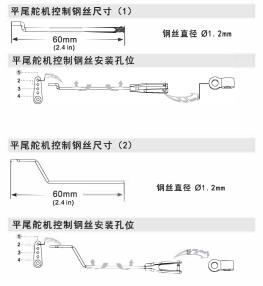
## 平尾安装

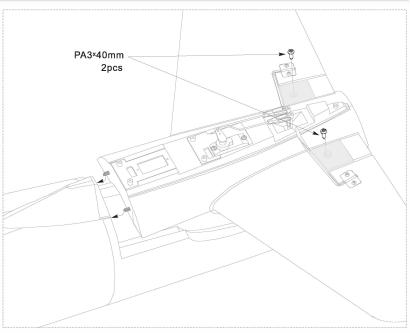
#### 平尾舵机安装

- A-螺丝(PWA2×8mm) B-平尾传动钢丝
- C-平尾舵面摇臂
- D 传动固定栓 E 螺丝 (PT1.7×10mm)
- F-舵机控制钢丝
- 1. 用螺丝(A)固定好平尾控制舵机;
- 2. 如右图所示: 将平尾传动钢丝(B1/B2) 其中一端插入平尾舵面摇臂(C1/C2)中, 另外一端拧上传动固定栓(D);
- 3. 分别用4颗螺丝(E)固定平尾舵面摇臂 (B1/B2);
- 4. 最后用舵机控制钢丝(F)连接舵机摇臂 和传动固定栓(D)。



1. 把装好舵机的平尾套件,用2颗螺丝固定 在机身尾部;





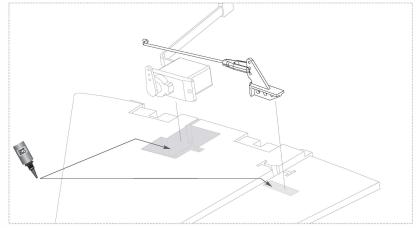
## 垂尾安装

#### 垂尾舵机安装

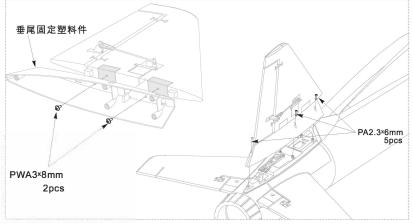
- 1. 通过舵机测试仪或者遥控器,把 舵机摇臂校正到居中位置; 2. 用胶水把9g舵机和舵面摇臂粘在垂尾上; 3. 用舵机传动控制钢丝连接舵机摇 臂与舵面摇臂。

通过调整钢丝长短距离,使方面舵面处于 居中位置!





- 如右图所示:首先用2颗螺丝把垂尾固定在 垂尾固定塑料件上;
   最后用5颗螺丝把垂尾组件固定到机身尾部;

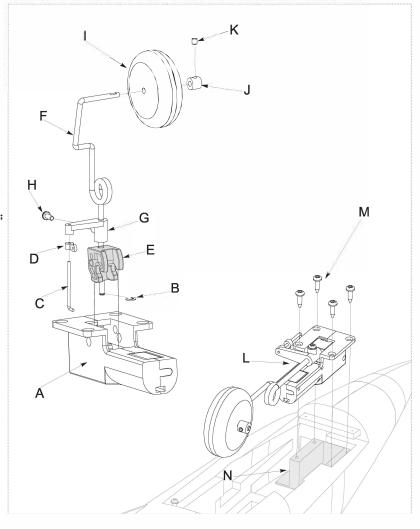


#### 前起落架零件列表:

- A-起落架收放控制器
- B-E型扣 (Ø2.0mm) C-前起落架转向钢丝
- D-前起落架转向控制环
- E-起落架收放旋转臂 F-前起落架主钢丝
- G-L型摇臂
- H-螺丝 (PT2.6\*6mm)
- 1-机轮
- J-轮档
- K-机米螺丝 (M3\*3mm)
- L-前起落架套件
- M 螺丝 (PA2.6\*10mm)
- N-前起落架固定座

- 1. 把"L型摇臂(G)"与"起落架收放旋转臂(E)"分别套在"前起起落架主钢丝(F)"上; 2. 接着用"E型扣(B)"卡在"前起起落架主钢丝(F)"调四槽上,防止脱落。并用"螺丝(H)"紧固"L型摇臂(G)"; 3. 把"前起落架转向控制环(D)"套入"前起落架转向钢丝(C)",然后将"前起落架转向钢丝(C)",然后将"前起起落架转向钢丝(C)"螺纹端拧入到"L型摇臂(G)"上; 4. 将"机轮(I)、轮档(J)"分别套入到"前起起落架主钢丝(F)"下端,然后用"机米螺丝(K)"紧固"轮档(J)"。5. 把组装好的"前起落架套件(L)"安放在"前起落架固定座(N)"上,最后用"螺丝(M)"固定。

⚠ 注意: 在整个起落架组装过程中,所有带扁口的 零件,在用螺丝固定时,扁口面必须面向螺丝孔,只有 这样,螺丝的固定才是有效的,零件才不会转动和脱落;

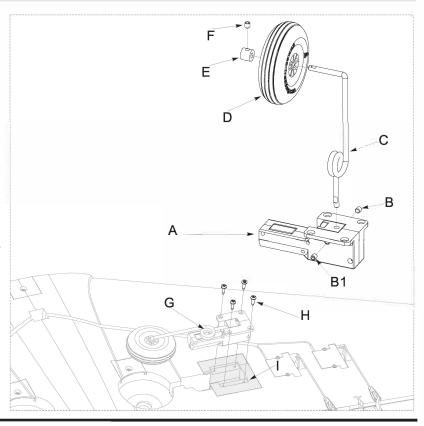


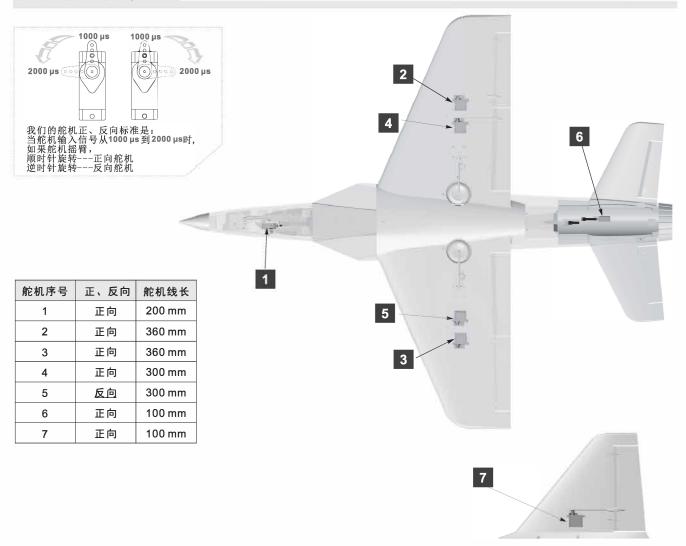
## 后起落架组装

#### 后起落架零件列表:

- A-起落架收放控制器
- B 机米螺丝 (M3\*3mm) C 后起落架主钢丝
- D 机轮
- E 轮档 F 机米螺丝 (M3\*3mm)
- G-后起落架套件 H-螺丝 (PA2.6\*10mm)
- 1- 后起落架固定座
- 1. 首先把"后起落架主钢丝(C)"插入到 "起落架收放控制器(A)"里,然后使用 "机米螺丝(B、B1)"固定; 2. 接下将"机轮(D)"、"轮档(E)"分 别套入到"后起落架主钢丝(C)上", 最后使用"机米螺丝(F)"锁紧轮档;
- 3. 把组装好的"后起落架套件(G)"安放在"前起落架固定座(I)"上,最后用"螺丝(H)"固定。

⚠ 注意: 在整个起落架组装过程中,所有带扁口的 零件,在用螺丝固定时,扁口面必须面向螺丝孔,只有 这样,螺丝的固定才是有效的,零件才不会转动和脱落;



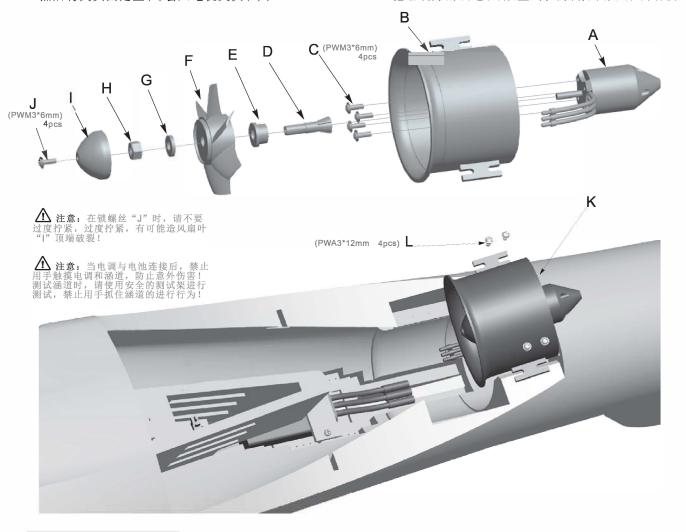


## 电池安装说明



- 1.将电机(A)装入涵道(B)内; 2.用4颗螺丝(C)固定马达; 3.把电机夹头(D)插入到电机轴上; 4.然后将夹头固定盘(E)套入电机夹头(D);

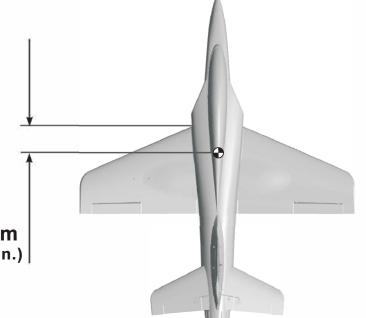
- 5. 把风扇叶(F)、垫片(G)分别套入电机夹头(D); 6. 使用螺母(H)锁住电机夹头(D),固定风扇叶(F); 7. 最后盖上整流罩(I),并使用螺丝(J)固定整流罩; 8. 把组装好的涵道(K)放置到机身内,用螺丝(L)固定;



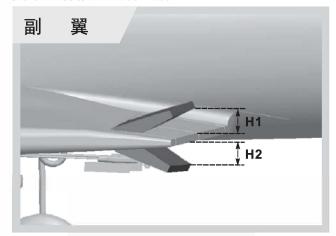
正确的重心,直接关系到 飞行的成功与否,请参考下面 的重心标示图,来调整飞机的 重心。

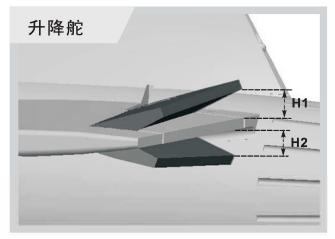
-您可以将电池向前,或者向后移动,来调整飞机的重心; -如果通过电调的移动无法调整 -如果确的重心位置,您还来调到正确的使用一些其它材料来确的重心处于正确的重心处于正确的 位置!

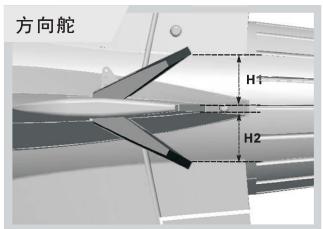


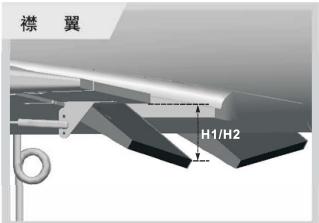


根据我们的飞行经验,我们认为,按以下参数来设置副翼和升降舵的大、小舵,将有助于飞行。在小舵角的情况下,飞机的可操控性能会好一些,适合初次飞行或者不太熟练的玩家飞行。而大舵角的设置,可以提高动作灵敏度,使用经验丰富的玩家。您可以根据自身的情况,来选择其中一种舵量进行飞行!



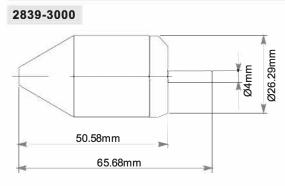


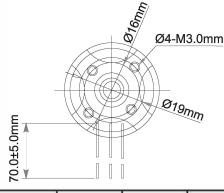




	副翼	升降舵	方向舵	襟翼	
小舵角	H1/H2 10mm/10mm	H1/H2 12mm/12mm	H1/H2 20mm/20mm	H1 8mm	
大舵角	H1/H2 14mm/14mm	H1/H2 16mm/16mm	H1/H2 30mm/30mm	H1 13mm	

## 电机参数





⚠ 注意:如果需要购买副厂马达 使用,请参考左图所示的尺寸图, 来选择马达,确保您所购买的马达 能够顺利安装。

Model	KV (RPM/V)	Volate (V)	Load Current (A)	Pull (g)	Rotate Speed (rpm)	Weight (g)	No Load Current	Propeller	ESC
MO028391	3000RPM/V	14.8	42	1250	33000	86	4.5A	70mm Ducted Fan	>45A

当您按前面的步骤组装好飞机后,在飞行前,我们需要用一块充饱电的电池,连接到电调。用遥控器测试每个舵面的工作情况,检查是否正常!



Freewing

72		v.
	A) 电池电量耗尽	A) 充电
	B) 发射机电量耗尽	B) 更换或者充电
	C) 发射机开关没开	C) 打开发射机开关
电机不工作	D) 电池没有连接好	D) 检查并连接好电池
	E) 电机连接错误	E) 检查并正确连接电机
	F) 因为摔机等原因损坏	F)更换
	G) 其它或者ESC故障	G) 检查ESC或者经销商
	A) 飞行中遇到强风或者乱流	A) 无风的时候起飞
	B) 电池电量耗尽	B) 需要充电
   飞机难以控制	C) 发射机电池电量耗尽	C) 更换电池或者给电池充电
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	D) 发射机天线没有完全展开	D) 展开发射机天线
	E) 舵面的控制过量	E) 使用小舵量进行飞行
飞行时机头一直向下, 需要补偿升舵	A) 重心靠前	A) 参考说明书,向后调整重心
	A) 没有对升降舵、副翼进行微调	A) 适当调节一些微调
在没有控制发射机时,飞机总是向上、 向下;或者飞机总是向左、向右倾斜	B) 飞行时遇到太大的自然风力	B) 先降落,选择无风天气飞行
飞行时升降舵异常灵敏,俯、仰不安定	A) 重心靠后	A) 参考说明书, 向前调整重心
	A) 前轮没有居中	A) 居中前轮
地面滑跑时方向会偏	B) 方向舵没有居中	B) 居中方向舵
	A)油门没有推到最大	A)油门推到最大
起飞困难	B) 滑跑助飞距离不够	B) 尽可能滑跑得更远些
	C) 升舵舵量不够	C) 使用更大的舵量
	A) 电池电量不足	A)需要重新充电
	B) 涵道风扇损坏	B) 确认并重新更换
飞机爬升困难	C) 电机损坏	C) 确认并重新更换
	D) 电调过热保护, 功率降低	D) 先降落, 确认并选择更大功率的电调
电流充电后发热	A) 电池充电时,会产生热量,这是正常的	A) 电流充饱电后,会发热,但用手触摸不烫
	A) 涵道风扇损坏	A)确认并更换
	B) 马达损坏	B)确认并更换
电机震动	C) 涵道需要调节动平衡	C) 调节动平衡
	D) 高速运转时,可能产生轻微震动	D) 轻微震动是正常的,可以使用
控制面向错误的方向运动	A) 舵机方向装反	A)重新安装舵机
		L.



## **Dongguan Freewing Electronic Technology Ltd HK Freewing Model International Limited**

 ${\bf Add.:} FeiYi\ Building, face\ to\ Labor\ Bureau,\ Fumin\ Middle\ Road,\ Dalang\ Town,\ Dongguan\ City\ ,\ Guangdong\ Province,\ China$ 

Web: http://www.sz-freewing.com Email:freewing@sz-freewing.com

Tel: 86-769-82669669 Fax:86-769-82033233

## 东莞市飞翼电子科技有限公司香港飞翼模型国际有限公司

地址: 广东省东莞市大朗镇富民中路402-408号飞翼楼四楼

Web: http://www.sz-freewing.com Email:freewing@sz-freewing.com

Tel: 86-769-82669669 Fax: 86-769-82033233