

6 FIGHTING FALCON User Manual





















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Freewing F-16 introduction

Thank you for purchasing our Freewing 90mm EDF super scale electric model jet---F16C "Fighting Falcon" V2. Before assembling this jet, please carefully read the instruction manual and assembly video, and assemble, set up, and debug it in the correct way. During this process, if you encounter special problems that cannot be solved on your own, please contact the dealer immediately or directly contact us for assistance.

The size of the new F-16C Falcon V2 model jet has not changed and is still produced in a 1/10 ratio. The wingspan is 955mm, the length is 1457mm, and EPO is the main material. However, 95% of its components are manufactured using new molds. Compared to the old version, it feels like a complete transformation, achieving a leapfrog upgrade. The V2 version of F-16C has the following improvements and optimizations compared to the previous generation:

- -New camouflage color scheme
- -Add plastic protective covers for edge wings
- -Add plastic protective covers along the edge of the battery compartment
- -Add wing corner protective covers
- -Add fuselage markings and rivet details
- -Landing gear shape adjustment
- -Painting and coloring of landing gear
- -Application of plastic parts in other detailed positions
- -Optional scale instrument panel and scale seat
- -Adopting QUICK portable install structure of main wing

- -The mounting type (including the auxiliary fuel tank) adopts a slide rail quick release structure
- -Quick disassembly of front and rear fuselage
- -Add electric scale speed brakes
- -Add hidden auxiliary air inlet
- -Enhance the structural strength of landing gear fixed mounts
- -Change the cabin door to the plastic cabin door made of molds
- -Scale LED light group
- -Improved V2 version cockpit latch
- -Increase battery compartment space to accommodate 8S batteries.
- -Aerodynamic performance optimization

It can be seen that the new V2 version of the F-16C model aircraft not only has a more exquisite appearance, but also will bring us a more convenient operating experience and a better flying experience. In terms of power, there will be two versions to choose from:

The 6S standard version equipped with E72216 power system (3668-1960KV in-runner motor, 12-blade duct fan) and 120A brushless ESC. The maximum level flight speed is 185KPH.

8S upgraded version, equipped with E72215 power system (4075-1350KV in-runner motor, 12-blade duct fan with metal frame), 120A brushless ESC. The maximum level flight speed is 210KPH, with strong power and extremely strong long-term vertical climbing ability!

The F-16C fighting falcon V2 model jet has further optimized the aerodynamic design, providing excellent stability during flight. Compared to the older version, the flight quality has been greatly improved. The new landing gear has not only been improved in terms of appearance, but also made targeted improvements by statistically analyzing past problems, making it more sturdy and durable. The newly added electric speed brake can effectively reduce flight speed and better assist landing.

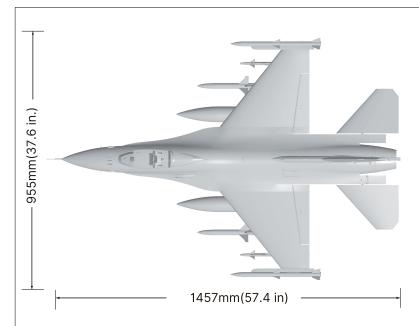
Thank you again. We hope that this new remade V2 version of F-16C "Fighting Falcon" can bring you a better experience. We wish you a successful flight!

Note:

- 1. This is not a toy! Operater should have a certain experience, beginners should operate under the guidance of professional players.
- 2. Before install, please read through the instructions carefully and operate strictly under instructions.
- 3. Cause of wrong operation, Freewing and its vendors will not be held responsible for any losses.
- $4. Model \ planes' \ players \ must be on the age of 14 years old.$
- 5. This plane used the EPO material with surface spray paint, don't use chemical to clean, otherwise it will damage.
- 6. You should be careful to avoid flying in areas such as public places, high-voltage-intensive areas, near the highway, near the airport or any other place where laws and regulation clearly prohibit.
- 7. You cannot fly in bad weather conditions such as thunderstorms, snows....
- 8.Model plane's battery, don't allowed to put in everywhere. Storage must ensure that there is no inflammable and explosive materials in the round of 2M range.
- 9.Damaged or scrap battery should be properly recycled, it can't discard to avoid spontaneous combustion and fire.
- 10. In flying field, the waste after flying should be properly handled, it can't be abandoned or burned.
- 11.In any case, you must ensure that the throttle is in the low position and transmitter switch on, then it can connect the lipo-battery in aircraft.
- 12.Do not try to take planes by hand when flying or slow landing process. You must wait for landing stop, then carry it.

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: The parameters in here are derived from test result using our accessories. If use other accessories, the test result will be different. Any problem since of using other accessories, we are not able to provide technical support.

6S Standard Version

Wingload: 205g/dm² Wing Area: 18.8dm²

Servo: 9gHybrid digital servo(6pcs) 17gMG digital servo(3pcs) 23gMG digital servo(2pcs) Motor: 3668-1960KV I/R Motor Ducted fan: 90mm 12-blade fan

ESC: 120A Brushless (Thrust Reverse Function)
Weight: 3156g(w/o Battery,missile / missile:184g)

Li-Po Battery: 6S 5000-6000mAh

Landing gear: electric retracts and aluminum shock

absorber struts, scale decorated part

8S Upgrade Version

Motor: 4075-1350KV I/R Motor Ducted fan: 90mm 12-blade fan

Weight: 3300g(w/o Battery, missile / missile:184g)

Other features

Cabin doors: front and rear complete

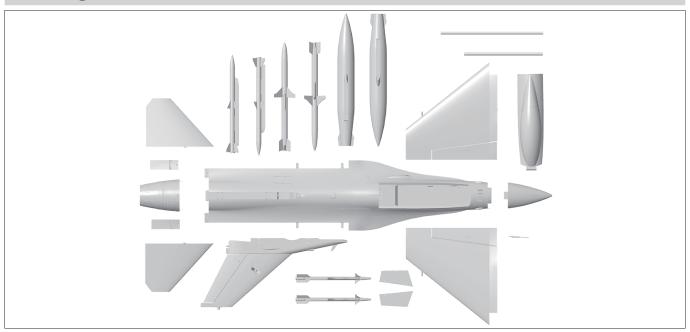
cabin doors, servo control

Navigation lights: LED navigation lights

Other:Speed brake

Simulated cockpit 3D printing set (need to purchase separately)

Package List



Different equipment include different spareparts. Please refer to the following contents to check your sparepart list.

| NO. | Name | Name PNP | | | |
|-----|-----------------|------------------------------------|---------------------|--|--|
| 1 | Fuselage | Pre-installed all electronic parts | Pre-installed servo | | |
| 2 | Main wing | Pre-installed all electronic parts | Pre-installed servo | | |
| 3 | Horizontal tail | Pre-installed all electronic parts | Pre-installed servo | | |
| 4 | Vertical tail | Pre-installed all electronic parts | Pre-installed servo | | |
| 5 | Speed brake | V | V | | |

| NO. | Name | PNP | AR F Plus |
|-----|-------------------|-----|-----------|
| 6 | Cockpit,Nose cone | V | V |
| 7 | Fins,carbon tube | V | V |
| 8 | Part bag | V | V |
| 9 | Missile | V | V |
| 10 | Manual | V | V |

Install Fuselage

As the photo show:

- 1. Use glue to fix the 【 Conical plastic part 】 on two carbon tubes respectively;
- 2. Align the carbon tube with the fuselage, and push the rear fuselage into its installation position;
- 3. After installed the rear fuselage onto the front fuselage, tighten it with two screws.

step()

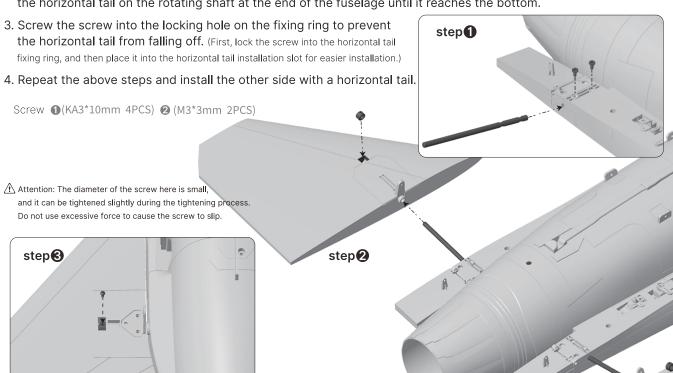
step()

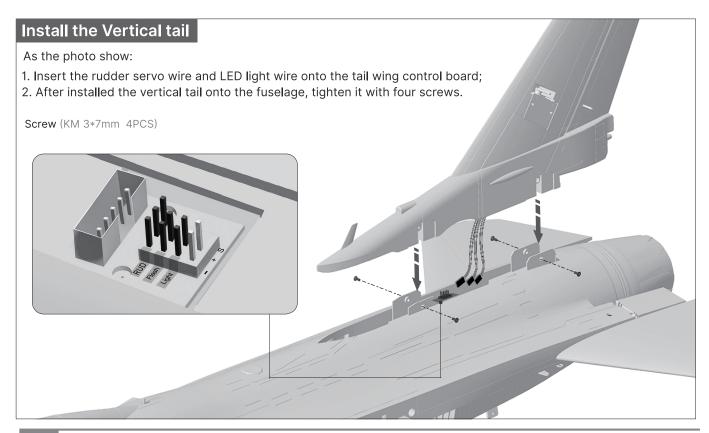
As the photo show: 1.Place the speed brake on the fixing hole of fuselage and secure it with screws to prevent it from falling off. Screw (KM 3*7mm 2PCS) step

Install the Horizontal tail

As the photo show:

- 1. Flip the fuselage with the belly facing upwards; Insert the elevator rotating shaft into the fuselage until it reaches the bottom, and then fix it with two screws to prevent it from falling off.
- 2. Put the elevator fixing ring (screw hole facing upwards) into the elevator installation groove; Wrap it together with the horizontal tail on the rotating shaft at the end of the fuselage until it reaches the bottom.





Install the Main Wing

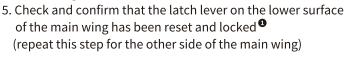
As the photo show:

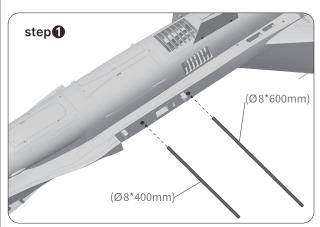
1. Use glue to fix the I Conical plastic part I on two carbon tubes respectively;

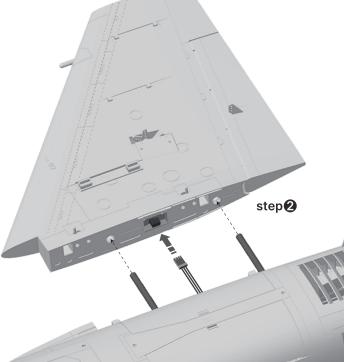
Carbon tube (0/08*600mm 1PCS) (2/08*400mm 1PCS)
Conical plastic parts (0/08mm 4PCS)



- 2. Install the carbon tube on the fuselage;
- 3. Align the carbon tube on both sides with the main wing, connect the cables to the main wing control board, and push the main wing into the installation position on the fuselage;
- 4. When a slight "click" sound is heard, it indicates that the main wing has been installed;







1 Three different states of the latch toggle lever is as the photo shown:

Latch toggle lever lock status

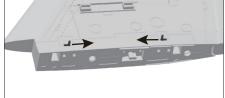
As the photo show, the front/rear lever is in outside end point



When unlocking, it is necessary to manually push the front and rear toggle levers towards the middle at the same time.

Latch toggle lever unlock status

As the photo show, the front/rear lever is in inside end point

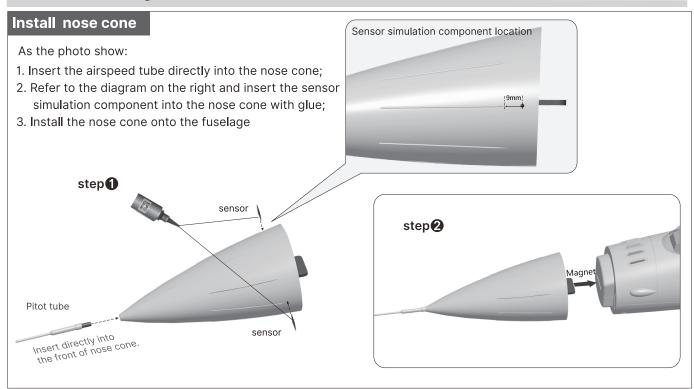


The latch toggle lever abnormal status

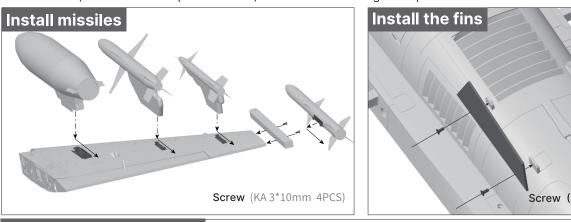
As the photo show, the front/rear lever is not in outside or inside end points

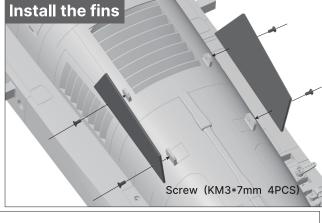


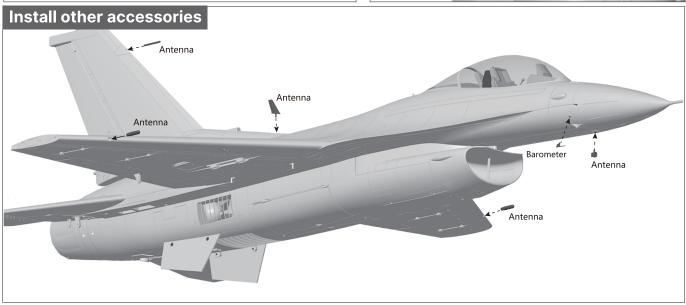
After installed the main wing, please check carefully. If happen the abnormal status, it is necessary to manually push the latch toggle lever to reset.



Install the pylons with screws on the main wing. The auxiliary fuel tanks and missile are both fixed with plastic slide rail structures, as shown in the picture below, and installed in designated positions.









Pushrod instructions Aileron pushrod length Aileron pushrod mounting hole Pushrod diameter Ø1.5mm 97mm (3-13/16") **Rudder pushrod length Rudder pushrod mounting hole** Pushrod diameter Ø1.5mm **Elevator pushrod length Elevator pushrod mounting hole** Pushrod diameter Ø2.0mm Nose Cabin door pushrod length Nose cabin door pushrod mounting hole Pushrod diameter Ø1.2mm Rear cabin door pushrod length Rear cabin door pushrod mounting hole Pushrod diameter Ø1.2mm 33mm Speed brake pushrod length Speed brake pushrod mounting hole Pushrod diameter Ø1.2mm 124mm (4-7/8") Nose gear steering pushrod length Nose gear steering pushrod mounting hole Pushrod diameter Ø1.5mm 65mm

Important additional notes

The Y-type clevis used in this product is equipped with a transparent silicone ring for secondary reinforcement, which can effectively prevent the clevis from accidentally loosening.

As shown in the following figure, when you buckle the clevis into the control surface horn, use the silicone ring to cover the clevis.



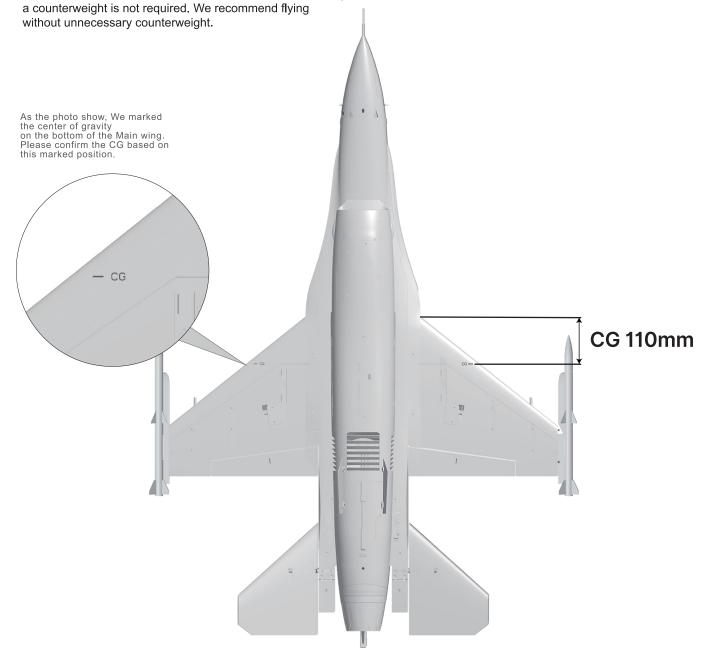




Center of Gravity

Correct Center of Gravity ("CG") is critical for enabling safe aircraft stability and responsive control. Please refer to the following CG diagram to adjust your aircraft's Center of Gravity.

- Depending on the capacity and weight of your choosen flight batteries, move the battery forward or backward to adjust the Center of Gravity.
- If you cannot obtain the recommended CG by moving the battery to a suitable location, you can also install a counterweight to achieve correct CG. However, with the recommended battery size,

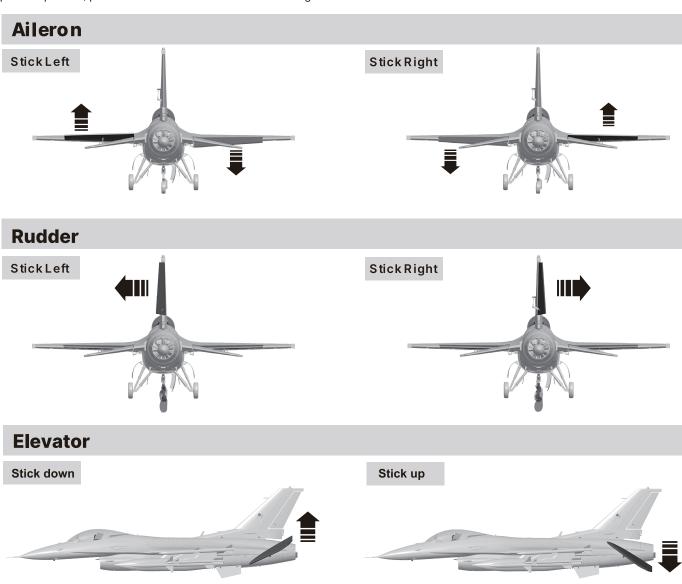




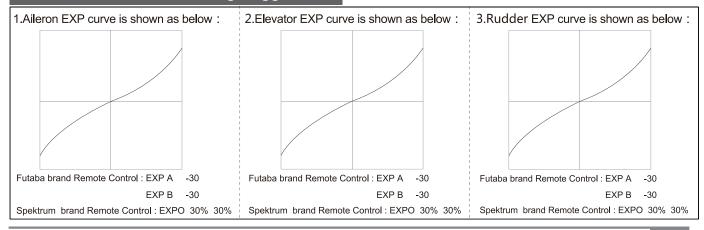
Control direction test

After installed this F-16 model plane, please connect to the receiver and power on, then adjust it.

1.When all channels of radio are fine tuned to zero and the control stick is centered: check whether each control surface on the aircraft is in the center position. If it is found that the control surface is not in the center position, please adjust the control rod to center it; 2.Please refer to the diagram below and use the radio to test each control surface to ensure that its movement direction matches the diagram. If the opposite movement occurs, first check whether the relevant channel in the radio has enabled the reverse function; If the problem persists, please contact us for assistance in resolving it.

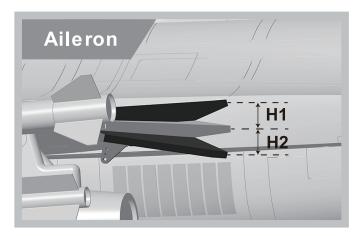


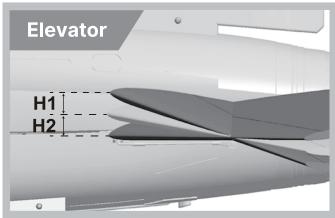
Remote Control EXP Setting Suggestion

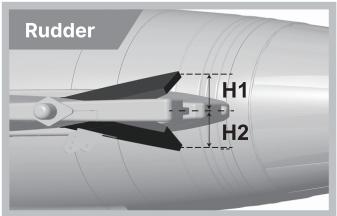


Dual Rates

According to our testing experience, use the following parameters to set Aileron/Elevator Rate. Program your preferred Exponential % in your radio transmitter. We recommend using High Rate for the first flight, and switching to Low Rate if you desire a lower sensitivity. On successive flights, adjust the Rates and Expo to suit your preference.





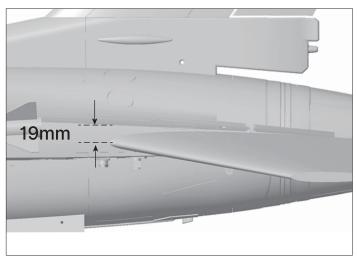


| | Aileron | Elevator | Rudder | | |
|-----------|------------------------------------|------------------------------------|----------------------------|--|--|
| | (Measured closest to the fuselage) | (Measured closest to the fuselage) | (Measured from the bottom) | | |
| Low Rate | H1/H2 28mm/28mm | H1/H2 28mm/28mm | H1/H2 24mm/24mm | | |
| | D/R Rate: 80% | D/R Rate: 80% | D/R Rate: 80% | | |
| High Rate | H1/H2 35mm/35mm | H1/H2 33mm/33mm | H1/H2 28mm/28mm | | |
| | D/R Rate: 100% | D/R Rate: 100% | D/R Rate: 100% | | |

Important Flight Notes:

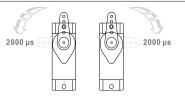
1. Please refer to the right photo and adjust the elevator to the correct center position.

Distance from the leading edge of the horizontal tail root (at the forefront position) to the upper surface of the fuselage: 19mm



5

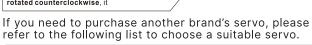
Servo Direction



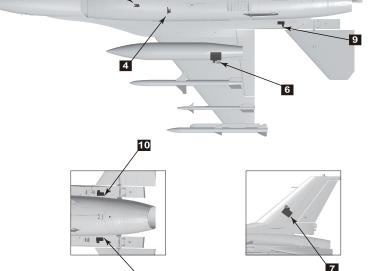
The servo positive or reverse rotation is defined as follows: When servo input signal change from 1000µs to 2000µs, The servo arm is

rotated clockwise, its positive servo.

otated counterclockwise it



| Position | Servo regulation | No. | Pos. / Rev. | Cable length |
|--------------------------|-------------------|-----|-------------|--------------|
| Nose gear steering servo | 9g Digital-Hybrid | 1 | Positive | 200mm |
| Nose cabin door | 9g Digital-Hybrid | 2 | Reverse | 200mm |
| rear cabin door (L) | 9g Digital-Hybrid | 3 | Positive | 200mm |
| rear cabin door (R) | 9g Digital-Hybrid | 4 | Reverse | 200mm |
| Aileron(L) | 17g Digital-MG | 5 | Positive | 200mm |
| Aileron(R) | 17g Digital-MG | 6 | Positive | 200mm |
| Rudder | 17g Digital-MG | 7 | Positive | 200mm |
| Elevator(L) | 23g Digital-MG | 8 | Positive | 100mm |
| Elevator(R) | 23g Digital-MG | 9 | Reverse | 100mm |
| Speed brake(L) | 9g Digital-Hybrid | 10 | Positive | 100mm |
| Speed brake(R) | 9g Digital-Hybrid | 11 | Reverse | 100mm |

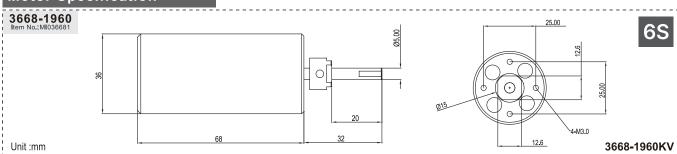


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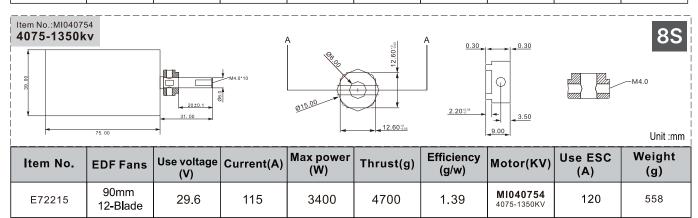
3

2

Motor Specification



| Item No. | EDF Fans | Use voltage (V) | Current(A) | Max power (W) | Thrust(g) | Efficiency (g/w) | Motor(KV) | Use ESC (A) | Weight (g) |
|----------|------------------|--------------------|------------|------------------|-----------|---------------------|-----------|----------------|---------------|
| E72216 | 90mm 12-Blade | 22.2 | 120 | 2660 | 3700 | 1.4 | 3668-1960 | 120 | 454 |



欢迎您购买飞翼90系列F-16C "战隼" V2版模型飞机。在您组装这架飞机前,请认真阅读说明书和组装视频,按照正确的方式进行组装、设定与调试。在此过程中,如遇特殊问题且无法自行解决的,请立即联系经销商,或直接联系我们,寻求帮助。

新的F-16C "战隼" 模型飞机V2版本尺寸并未改变,依旧采用1/10比例制作。翼展955mm,机长1457mm,EPO 为主要机体制作材料。不过,其95%的零部件,均使用新的模具制造。相比旧版本,宛如脱胎换骨,实现了飞跃性的升级。 V2版本的F-16C,与前一代相比,有以下改进及优化内容:

- -新的迷彩涂装
- -增加边条翼塑料保护罩
- -增加电池舱边沿塑料保护罩
- -增加机翼边角保护罩
- -增加机体刻线及铆钉细节
- -起落架外形调整
- -起落架喷漆上色
- -其它细节位置塑料件的运用
- -可选配的仿真仪表台及仿真座椅
- -采用QUICK—代主翼快拆系统

- -挂载类(含副油箱)采用导轨式快拆结构
- -前、后机身快拆
- -增加电动仿真减速板
- -增加隐藏式机背进气道
- -增强起落架固定座结构强度
- -舱门更改为模具制作的塑料舱门
- -仿真LED灯组
- -改进后的V2版座舱插销
- -增加电池舱空间,适应8S电池
- -气动性能优化

由此可见,全新V2版本的F-16C模型飞机,不仅仅拥有更加精致的外观,还将给我们带来更便捷的操作体验、以及更好的飞行感受。在动力方面,将有二个版本可以选择:

6S标准版,搭载E72216动力组(3668-1960KV内转电机,12叶塑料涵道),120A无刷电调。最大平飞速度185KPH8S升级版,搭载E72215动力组(4075-1350KV内转电机,12叶金属外框涵道风扇),120A无刷电调。最大平飞速度210KPH,动力强劲、拥有极强的长时垂直爬升能力!

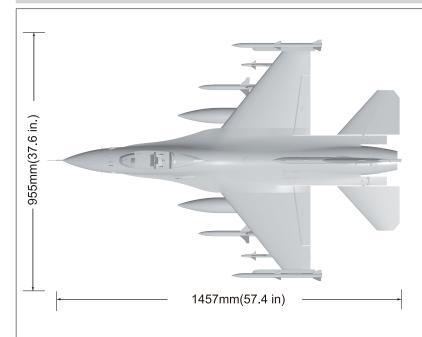
飞翼F-16C "战隼" V2版本,进一步优化了飞机的气动性设计,飞行过程中,拥有非常好的稳定性,较旧版本,飞行品质有了较大提升。新的起落架,不仅在外形方面进行了改进,同时,对以往的问题进行统计、分析,作出了针对性的改进,使其更加坚固、耐用。新加入的电动减速板,能够有效降低飞行速度,可以更好地辅助降落。

再次感谢您,希望这款全新的重制V2版F-16C "战隼",能够带给您更好地体验,预祝您首飞成功!

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EPO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 中文版



★ 注意: 此处各项参数,均使用本公司配件测试得出,如果使用副厂配件,会有所差异。使用副厂配件时所产生的问题,我们将无法给予技术支持!

6S标准版

翼载荷: 205g/dm² 翼面积: 18.8dm²

舵机: 9g数字混合齿(6pcs)17g数字金属齿(3pcs)

23g数字金属齿(2pcs)

电机: 3668-1960KV内转无刷电机 涵道风扇: 90mm 12叶涵道组 电调: 120A无刷电调 (带反推刹车功能)

重量: 3156g(不含电池、导弹/导弹: 184g)

电池范围: 6S 5000-6000mAh

起落架: 电动涡杆收放、铝合金减震组仿真装饰

8S升级版

电机: 4075-1350KV内转无刷电机 涵道风扇: 90mm 12叶涵道组

重量: 3300g(不含电池、导弹/导弹:184g)

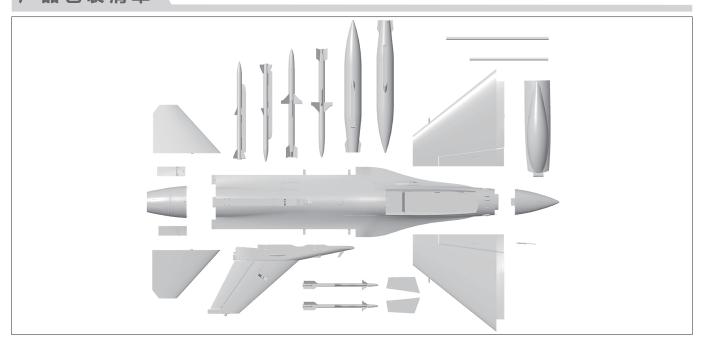
其他说明

舱门:前、后完整舱门、舵机控制

航灯:仿真LED航灯 其他:减速板

仿真座舱3D打印套件(另行选购)

产品包装清单



打开产品包装,核对包装清单。(不同配置的版本,包含内容不同!)

| 序号 | 配件名称 | PNP | ARF Plus |
|----|------|----------|----------|
| 1 | 机身 | 预装所有电子设备 | 预装舵机 |
| 2 | 主翼 | 预装所有电子设备 | 预装舵机 |
| 3 | 平尾 | 预装所有电子设备 | 预装舵机 |
| 4 | 垂尾 | 预装所有电子设备 | 预装舵机 |
| 5 | 减速板 | V | V |

| 序号 | 配件名称 | PNP | AR F Plus |
|----|--------|-----|-----------|
| 6 | 座舱、机头罩 | V | V |
| 7 | 腹鳍、碳纤管 | V | V |
| 8 | 附件包 | V | V |
| 9 | 导弹 | V | V |
| 10 | 说明书 | V | V |

PNP组装介绍 中文版

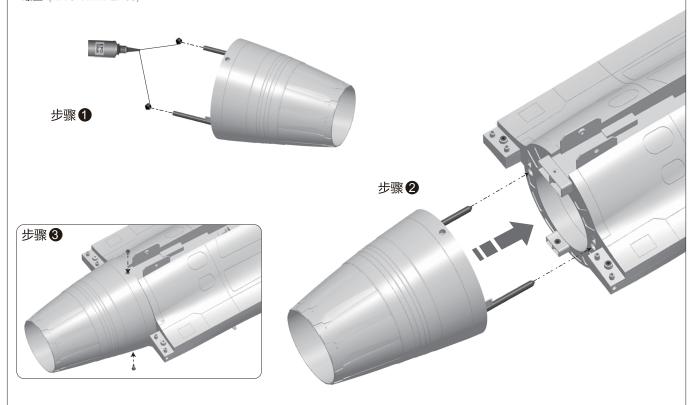
机身组装

如图所示:

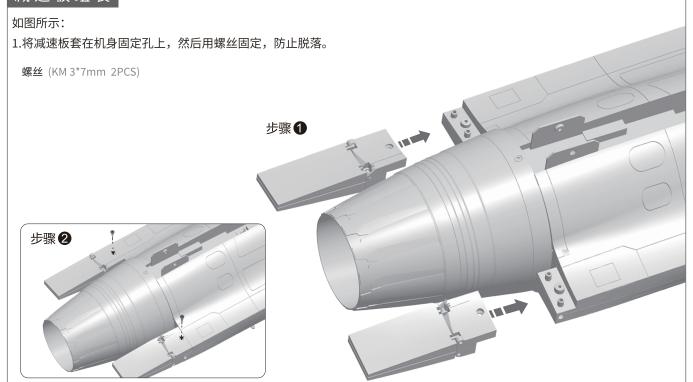
1.使用胶水把【导向锥】分别固定在两条碳管上; 2.将碳管对准机身后,把后段机身推入到机身的安装位置上;

3.后段机身安装到机身后,用两颗螺丝紧固好。

螺丝 (KM 3*7mm 2PCS)



减速板组装

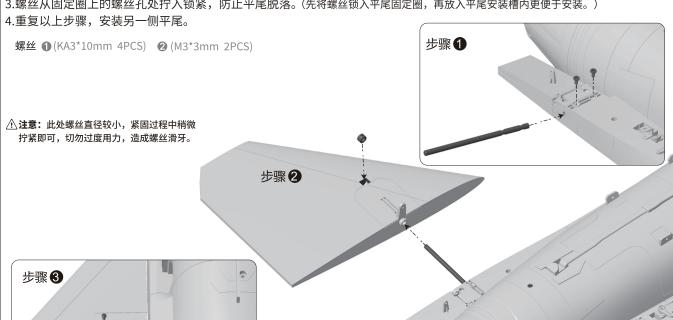


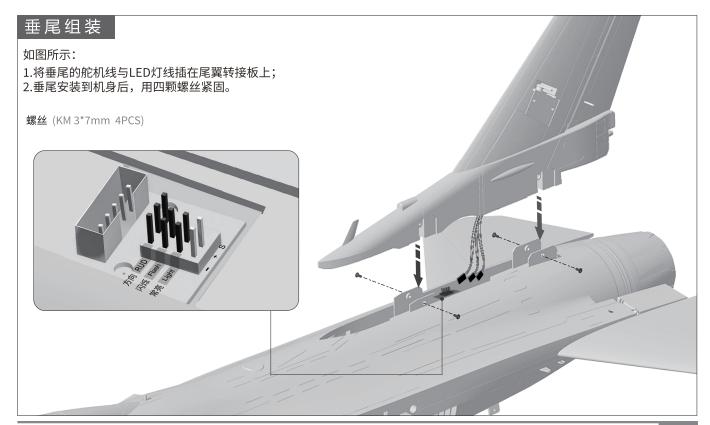
PNP组装介绍 中文版

平尾组装

如图所示:

- 1.翻转机身,机腹朝上;将平尾旋转轴插入机身直到底部为止,然后用两颗螺丝固定,防止脱落。
- 2.将平尾固定圈(螺丝孔朝上)沉入平尾安装槽内;与平尾一并套在机身端旋转轴上,直到底部为止。
- 3.螺丝从固定圈上的螺丝孔处拧入锁紧,防止平尾脱落。(先将螺丝锁入平尾固定圈,再放入平尾安装槽内更便于安装。)





PNP组装介绍 中文版

主翼组装

如图所示:

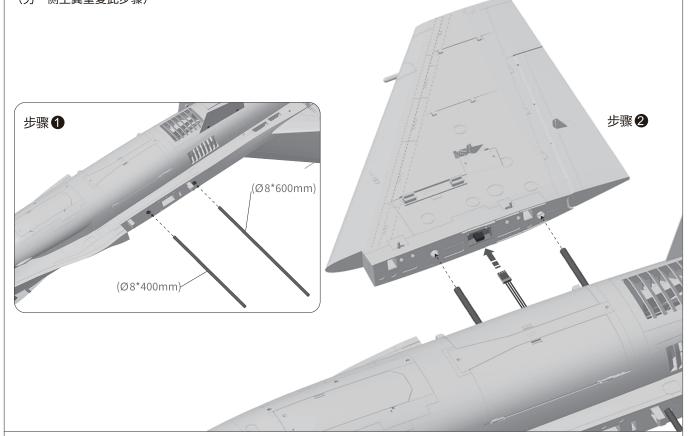
1.使用胶水把【导向锥】分别固定在两条碳管上;

碳纤管 **①**(Ø8*600mm 1PCS) **②**(Ø8*400mm 1PCS)

导向锥 (Ø8mm 4PCS)



- 2.把碳纤管安装在机身上;
- 3. 将两侧碳管对准主翼,排线接入主翼侧面转接板后,把主翼推入到机身上的安装位置上;
- 4.当听到轻微"嗒"声后,证明已装好主翼;
- 5.检查确认主翼下表面插销拨动杆已处在锁止状态 (另一侧主翼重复此步骤)

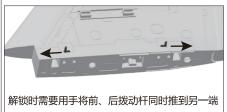


❶插销拨动杆三种不同状态图示:

锁止状态

如下图所示:

前、后插销拨动杆位置处于外侧



解锁状态

如下图所示:

前、后插销拨动杆位置处于内侧



异常情况 🛆

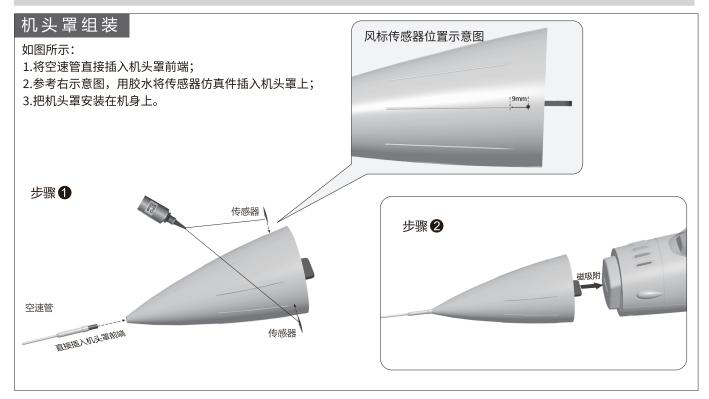
如下图所示:

插销拨动杆未处于前、后端点

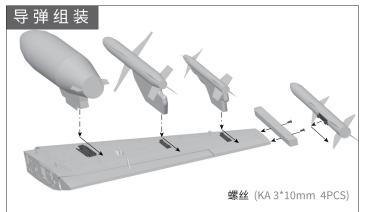


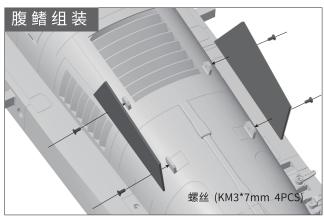
装好主翼后,请认真检查,如出现异常情况请用 手推动插销拔动杆, 让其处于正确锁止状态。

PNP组装介绍 中文版



将挂架用螺丝安装在主翼上,副油箱、导弹均采用塑料滑轨结构固定,参考下面图片所示,将其分别安装到指定位置。





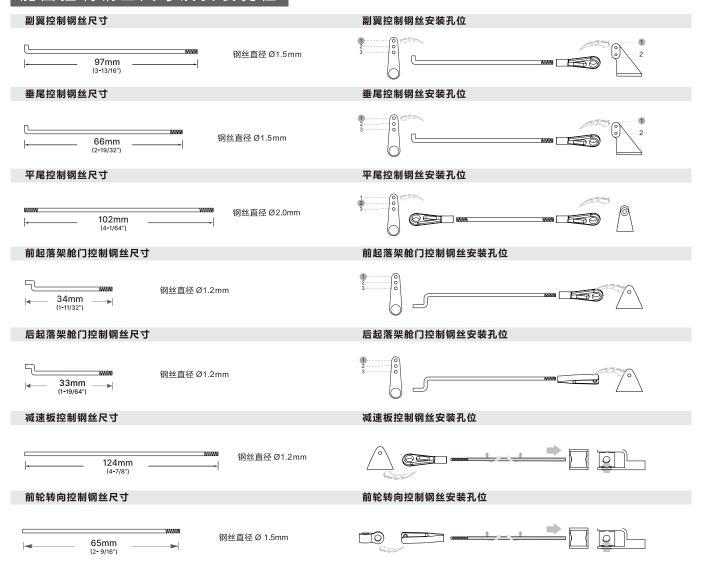


Freeming

PNP组装介绍 中文版



舵面控制钢丝尺寸及安装孔位



PNP组装介绍 中文版

重要附加说明:

本产品所使用的"Y"型夹头,均配备了透明硅胶圈进行二次加固,能有效防止夹头意外松开。 如下图所示,当您将夹头扣入舵面摇臂后,请使用硅胶圈套住夹头。



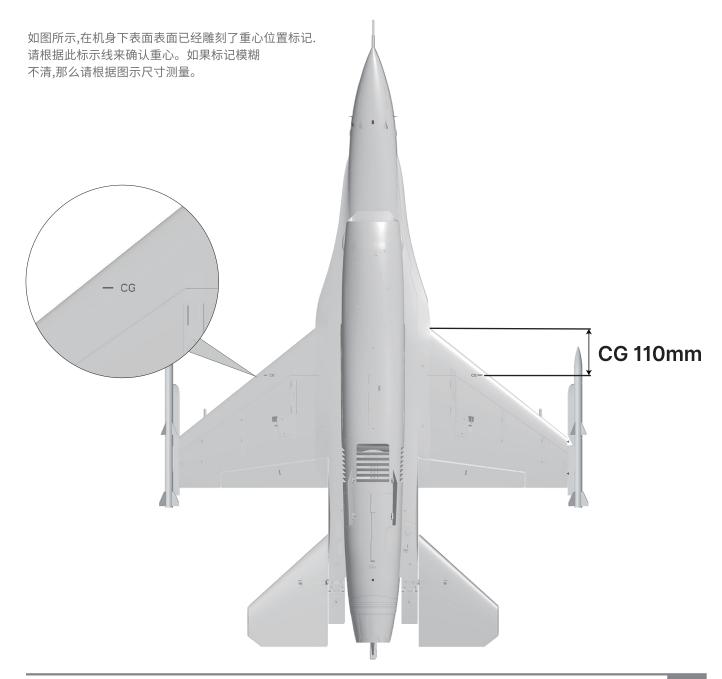




重心示意图

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。

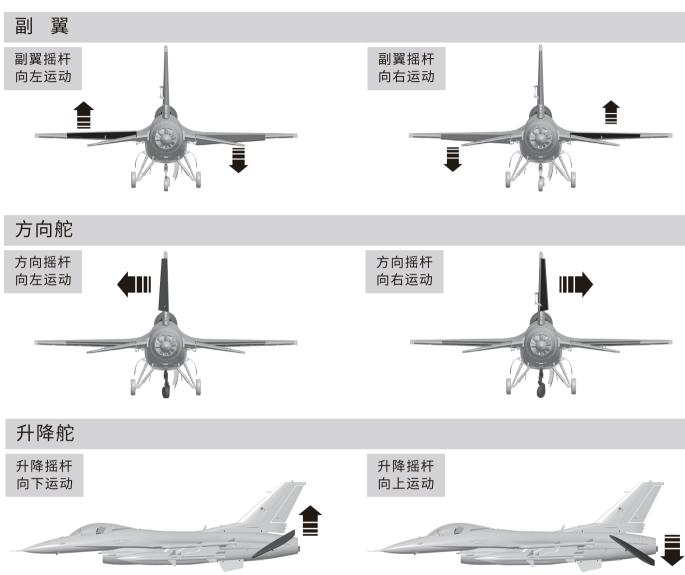
- -您可以将电池向前,或者向后移动,来调整飞机的重心;
- -如果通过电池的移动无法调整到正确的重心位置,您还可以适当的使用一些其它材料来配重,使飞机的重心处于正确的位置!



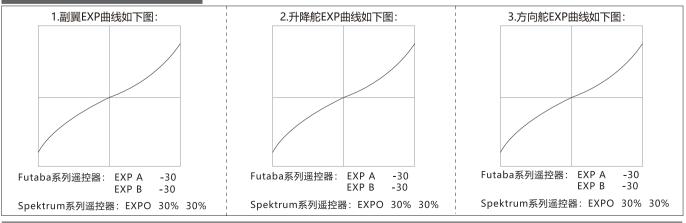
当您组装好飞机后,请连接接收机并通电,对飞机进行调试。

1.在遥控器所有通道微调归零、操纵杆居中的情况下:检查飞机上每一个舵面是否处于居中位置,如发现舵面未处于居中位置,请通过调整操纵钢丝使其居中;

2.请参考下面示意图,通过遥控器来测试飞机的每个舵面,确保其运动方向与下列示意图相符。如果出现相反的运动动作,首先请查看遥控器中,相关通道是否开启了反向功能;若问题持续存在,请联系我们协助解决。



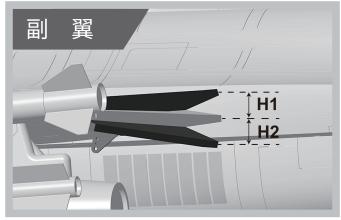
遥控器EXP设置建议

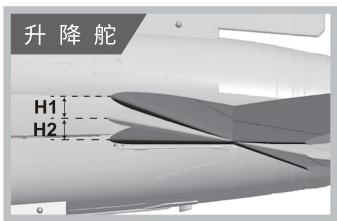


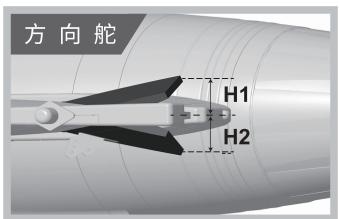
PNP测试及设定 中文版

大、小舵参数

根据我们的测试经验,我们认为,按以下参数来设置大小舵量,将有助于飞行,舵量越大,模型飞机 的动作响应更快,动作幅度可以更大。我们建议初次飞行使用大舵量起飞,然后根据个人情况调整到适合 您的舵量。



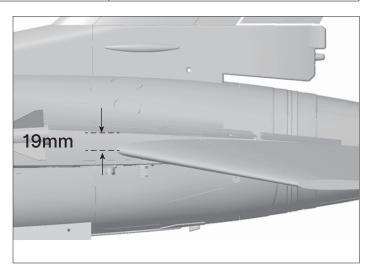




| | 副翼 (内侧) | 升降舵 (前点) | 方向舵(下侧) | | |
|-----|-----------------|-----------------|-----------------|--|--|
| 小舵量 | H1/H2 28mm/28mm | H1/H2 28mm/28mm | H1/H2 24mm/24mm | | |
| | 舵量比率: 80% | 舵量比率: 80% | 舵量比率: 80% | | |
| 大舵量 | H1/H2 35mm/35mm | H1/H2 33mm/33mm | H1/H2 29mm/29mm | | |
| | 舵量比率: 100% | 舵量比率: 100% | 舵量比率: 100% | | |

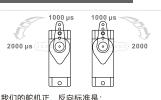
平尾居中位置

1. 请参考右图,将平尾调整到正确的居中位置。 平尾翼根前缘 (最前端位置) 距机身上表面:19mm



PNP电子设备介绍 中文版

舵机使用介绍

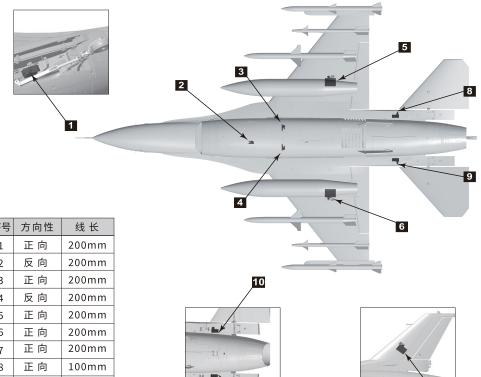


我们的舵机正、反向标准是: 当舵机输入信号从 1000 µs 到 2000 µ如果舵机推臂,

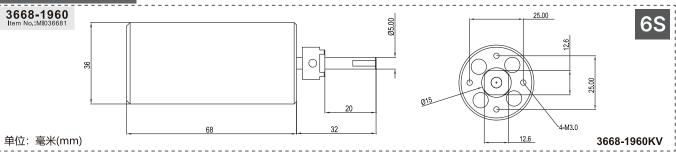
如果那机摇臂, 顺时针旋转---正向舵机 逆时针旋转---反向舵机

如果您需要选购其它品牌的舵机进行安装, 请参考下面的表格选择的舵机

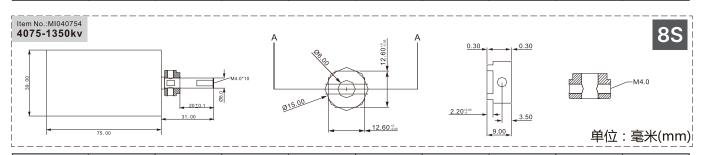
| 舵 机 位 置 | 舵 机 规 格 | 序号 | 方向性 | 线长 |
|-----------|---------|----|-----|-------|
| 前轮转向 | 9g混合 | 1 | 正向 | 200mm |
| 前起落架舱门 | 9g混合 | 2 | 反向 | 200mm |
| 后起落架舱门(左) | 9g混合 | 3 | 正向 | 200mm |
| 后起落架舱门(右) | 9g混合 | 4 | 反向 | 200mm |
| 副翼 (左) | 17g金属 | 5 | 正向 | 200mm |
| 副翼 (右) | 17g金属 | 6 | 正向 | 200mm |
| 垂尾 | 17g金属 | 7 | 正向 | 200mm |
| 平尾(左) | 23g金属 | 8 | 正向 | 100mm |
| 平尾(右) | 23g金属 | 9 | 反向 | 100mm |
| 减速板(左) | 9g混合 | 10 | 正向 | 100mm |
| 减速板(右) | 9g混合 | 11 | 反向 | 100mm |



电机参数



| 动力组编号 | 涵道类型 | 电压(V) | 电流(A) | 最大功率 (W) | 推力 (g) | 效率比 (g/w) | 电机规格 (KV) | 使用电调 (A) | 重量(g) |
|--------|---------------|-------|-------|-------------|-----------|--------------|--------------|-------------|-------|
| E72216 | 90涵道 (12叶) | 22.2 | 120 | 2660 | 3700 | 1.4 | 3668-1960 | 120 | 454 |



| 动力组编号 | 涵道类型 | 电压(V) | 电流(A) | 最大功率 (W) | 推力 (g) | 效率比 (g/w) | 电机规格 (KV) | 使用电调 (A) | 重量(g) |
|--------|---------------|-------|-------|-------------|-----------|--------------|--------------------------------|---------------|-------|
| E72215 | 90涵道 (12叶) | 29.6 | 115 | 3400 | 4700 | 1.39 | MI040754 4075-1350KV | 120 | 558 |



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