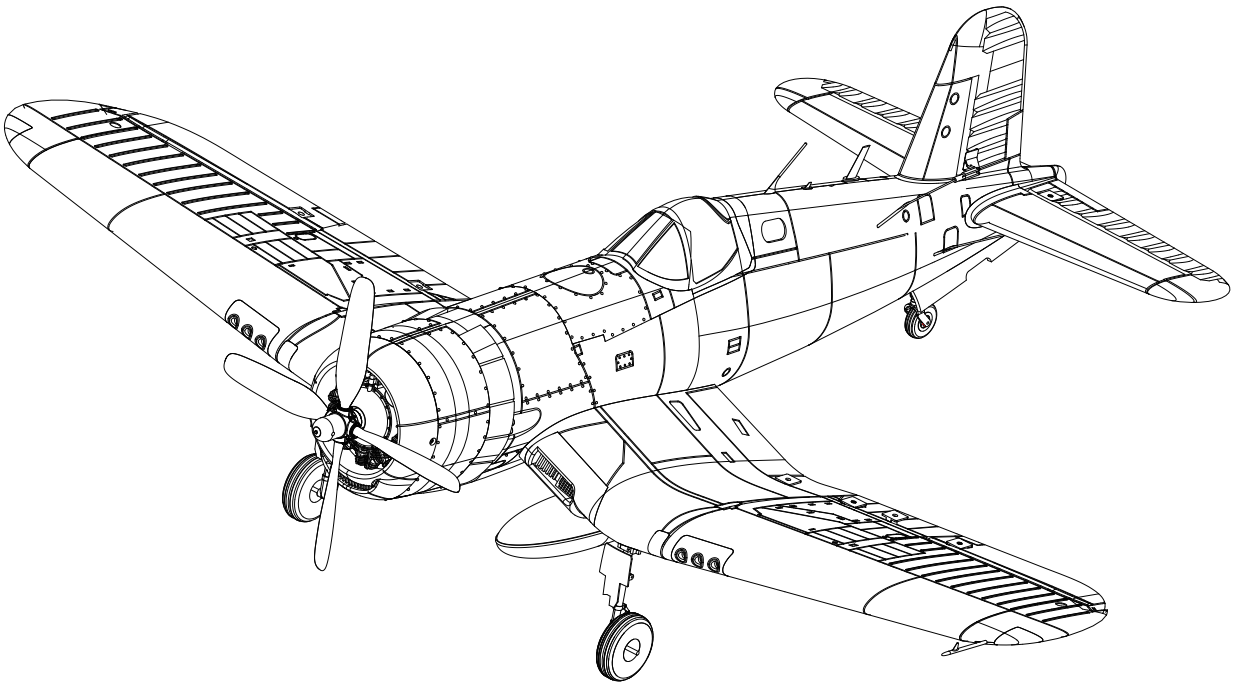
1100mm F4U-4 Corsair

Quick Start Guide

快速指南



Full Manual

REALISTIC
- Functional Gears And Flaps

STABLE
- Smooth Flying Performance

RIGID
- Strong Durable EPO

FMSHOBBY.COM

WARNING ⚠

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product,personal property and cause serious injury. This is a sophisticated hobby product and NOT a toy. It must be operated with caution and common sense and failure to do so could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. This manual contains instructions for safety operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual prior to assembly, setup or use, in order to operate and avoid damage or serious injury.

Safety precautions and warnings

As the user of this product, you are solely responsible for operating in a manner that does not endanger yourself and others or result in damage to the product or the property of others. This model is controlled by a radio signal subject to interference from many sources outside your control. This interference can cause momentary loss of control so it is advisable to always keep a safe distance in all directions around your model, as this margin will help avoid collisions or injury.

Age Recommendation: Not for children under 14 years. This is not a toy.

• Never operate your model with low transmitter batteries.

• Always operate your model in an open area away from cars, traffic or people.

• Avoid operating your model in the street where injury or damage can occur.

• Never operate the model in populated areas for any reason.

• Carefully follow the directions and warnings for this and any optional support equipment you use (chargers,rechargeable battery packs, etc.)

• Keep all chemicals, small parts and anything electrical out of the reach of children.

• Moisture causes damage to electronics. Avoid water exposure to all equipment not specifically designed and protected for this purpose.

• Never lick or any place of any your model in your mouth as it could cause serious injury or even death.

Safety

Lithium Polymer (Li-Po) Battery Warning

CAUTION: Always follow the manufacturer's instructions for safe use and disposal of batteries. Fire, property damage, or serious injury can result from the mishandling of Li-Po batteries.

- By handling, charging or using a Li-Po Battery you assume all risks associated with lithium batteries. If at any time the batteries begin to swell or balloon, discontinue use immediately!
- Always store the batteries at room temperature in a dry area to extend the life of the battery. Always transport or temporarily store the battery in a temperature range of 40-120F. Do not store the battery or model in a car or in direct sunlight. If stored in a hot car, the battery can be damaged or even catch fire.
- Never use a Ni-Mh Charger to charge Li-Po Batteries. Failure to charge the battery with a Li-Po compatible charger may cause fire resulting in personal injury and property damage.
- Never discharge Li-Po Cells below 3V.
- Never leave charging batteries unattended.
- Never charge damaged batteries.

Charging the Flight Battery Warning

- Use a battery charger that is designed to safely charge the Li-Po Battery. Read the charger instructions carefully before use. When charging the battery, make certain the battery is on a heat resistant surface. It is also highly recommended to place the Li-Po Battery inside a fire resistant charging bag readily available at hobby shops or online.

Thank you for purchasing the 1100mm F4U-4 Corsair! Follow the steps in this Quick Start Guide to complete assembly and setup in minimal time, you can begin enjoying your flight. **(For more detailed installation, configuration, and safety warning, be sure to scan the QR code on the package to access the full electronic manual.)**

Flight Tips

MISSION BRIEFING // PILOT REFERENCE SUBJECT: F4U-4 CORSAIR FLIGHT ENVELOPE & OPERATIONAL GUIDANCE

NOTE: The following data is synthesized from the Corsair’s legendary flight characteristics and extensive flight testing of the upgraded 1100mm 4S power system. Mastery of this "Whistling Death" requires precision and respect for its power. Read and retain for air superiority.

Characteristic & Handling

The 4S Warbird Experience: Unlike its 3S predecessors, this upgraded F4U-4 is a powerhouse. With a thrust-to-weight ratio exceeding 1:1, it is no longer just a cruiser. It is a high-performance interceptor that excels in vertical climbs and high-speed energy management.

Gull-Wing Stability: The iconic inverted gull-wing design provides a natural dihedral effect, making the aircraft surprisingly stable in level flight and banked turns. However, remember that this is a fighter—it is responsive and agile, requiring smooth and intentional stick inputs.

Torque Awareness: The scale 4-blade propeller combined with 4S power generates significant torque. Be prepared for a slight left-pull during high-throttle applications, especially at low airspeeds.

Takeoff & Landing

The Taildragger Departure: As a classic taildragger, the Corsair requires active rudder management. During the takeoff roll, increase throttle gradually and give right rudder to counter the p-factor and torque. As the tail lifts, maintain directional control with the rudder. Once flight speed is reached, a gentle pull on the elevator will send the "Olathe" into the sky.

Carrier-Style Approach: For a scale landing, deploy 50% flaps on the downwind leg. On final approach, use Full Flaps (100%) to create the signature drag-heavy profile. Maintain 20-30% throttle throughout the descent to keep the air flowing over the control surfaces.

The Touchdown: Aim for a "two-point" landing on the mains, or a classic "three-point" if landing on grass to prevent the aircraft from tipping over. While the new metal shock-absorbing struts are forgiving, avoid "slamming" the deck too hard to keep the arrival smooth and bounce-free.

Safety & Aerobatics

High-Speed Maneuvers: This F4U-4 model is built for airshows. Large loops, crisp rolls, and split-S turns are its bread and butter. Thanks to the 4S setup, you can maintain energy through vertical maneuvers that would stall lesser models.

The "Corsair Stall": While the inverted gull wing is stable, all warbirds have a limit. In a sharp, low-speed turn, the Corsair may exhibit a wing-drop stall. Keep your airspeed up during the base-to-final turn. If a stall occurs, stay calm: reduce AOA, level the wings, and power out.

Flap Management: Deploying flaps will cause a slight nose-up tendency. It is recommended to mix a small amount(2-5%) of Down-Elevator with your flap settings (check your radio’s Flap System menu) to ensure a hands-off, level attitude during the approach.

HAPPY HUNTING, PILOTS!

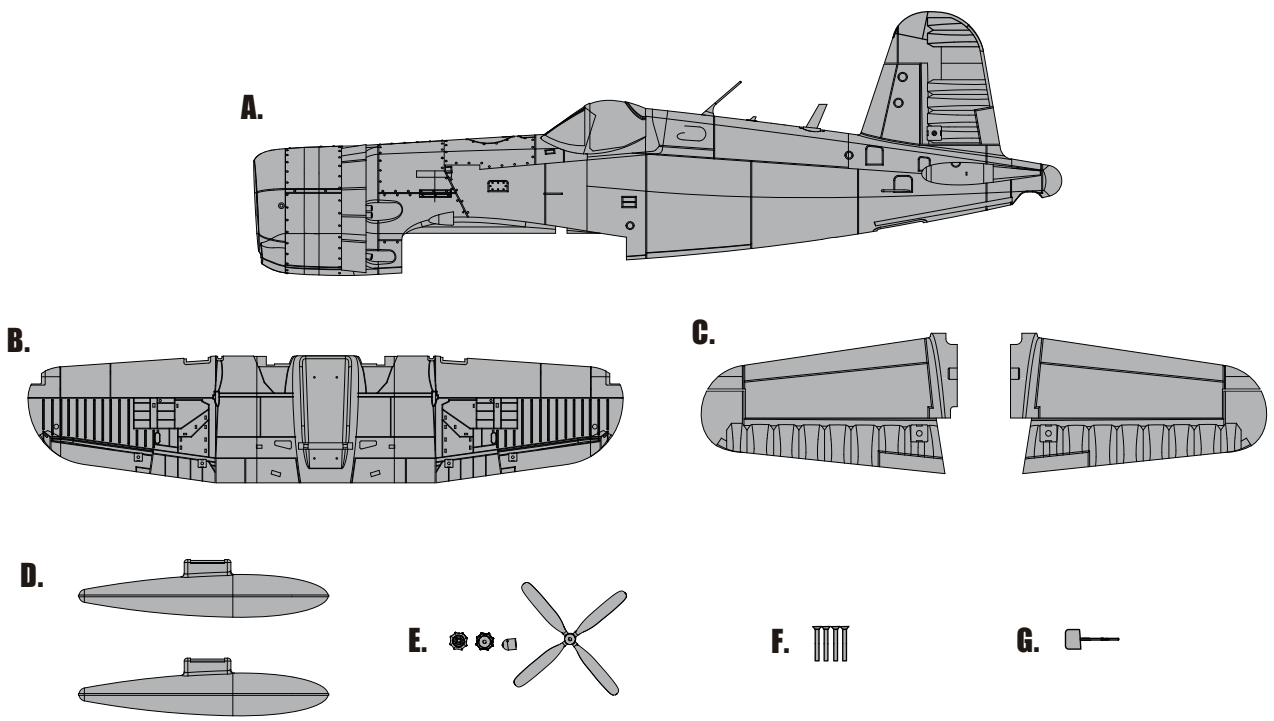
TOP SECRET

Step 1: Parts Inspection

Kit contents

Before assembly, please inspect the contents of the kit. The photo below details the contents of the kit with labels. If any parts are missing or defective, please identify the name or part number (refer to the spare parts list near the end of the manual) then contact your retail store or email us: support@fmsmodel.com.

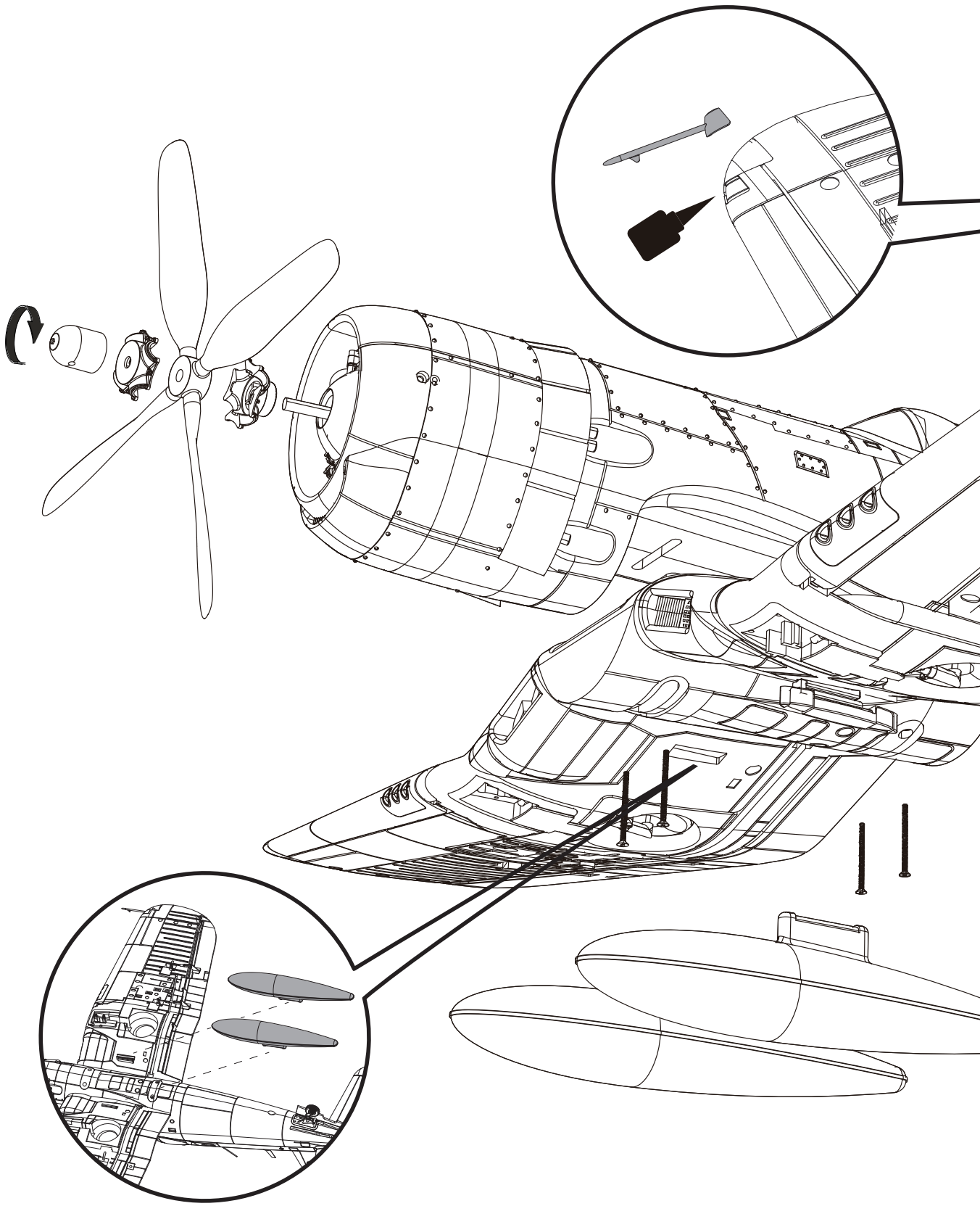
Specifications
Wingspan：1100mm(43.3in)
Overall length：880mm(34.6in)
Flying weight：~ 1300g
Motor size：3536-KV750
Wing load：60.5g/dm² (0.13oz/in²)
Wing area：21.5dm² (333sq.in)
ESC：40A
Servo：9g×6
Recommended battery：14.8V 2200mAh-2700mAh 25C



A: Fuselage
B: Main wing
C: Horizontal stabilizer
D: Auxiliary fuel tanks
E: Propeller and spinner set
F: Screws
G: Pitot tube

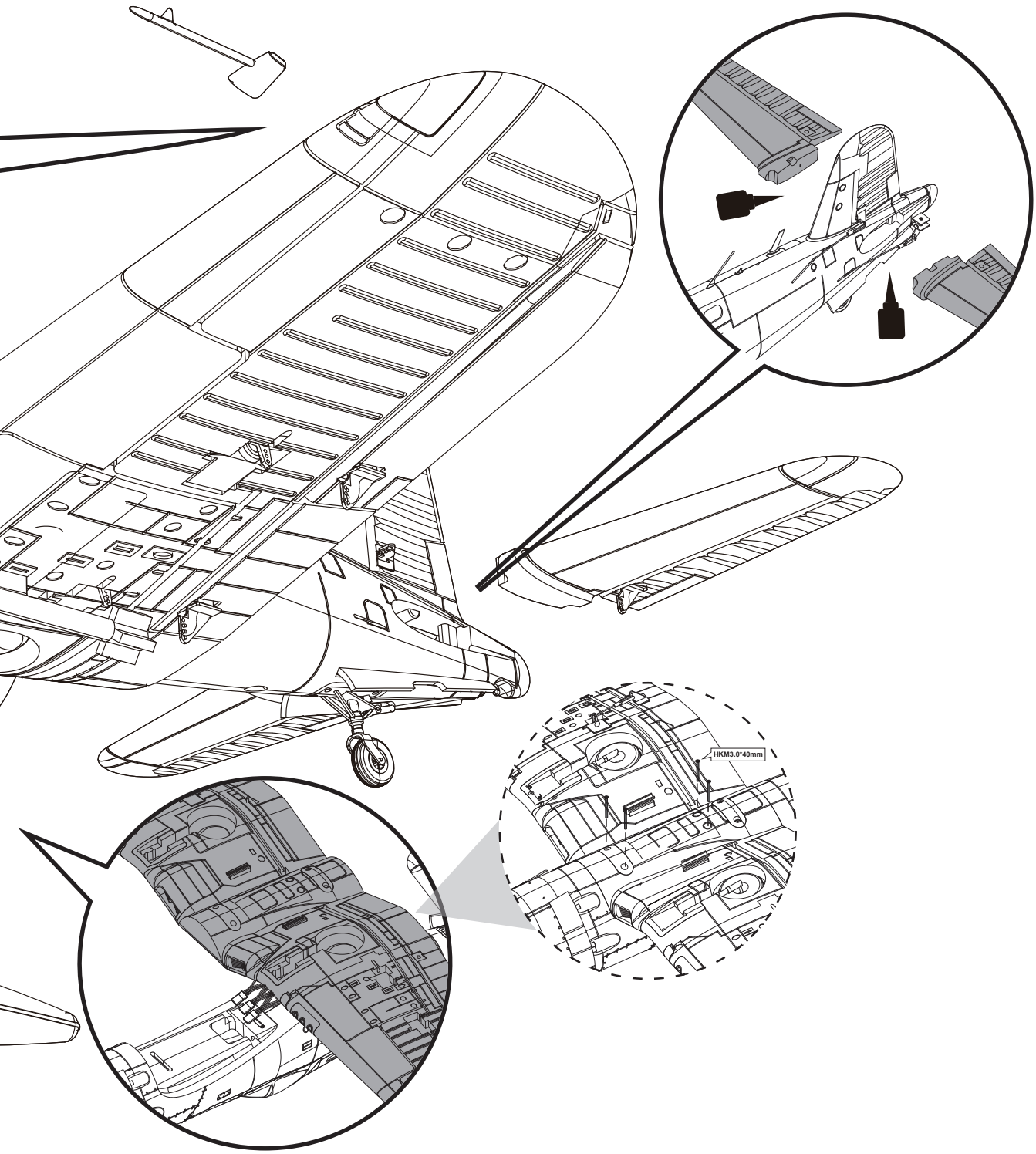
Step 2: Core Assembly and Wiring

1. Carefully apply foam safe CA to the base of the shown pocket and place the pitot tube into the pocket as shown.



4. Slide the auxiliary fuel tanks into the guide rails on the wing structure.

2. Carefully apply foam safe CA to the shown pocket and place the two pieces of horizontal stabilizer into the pocket as shown.

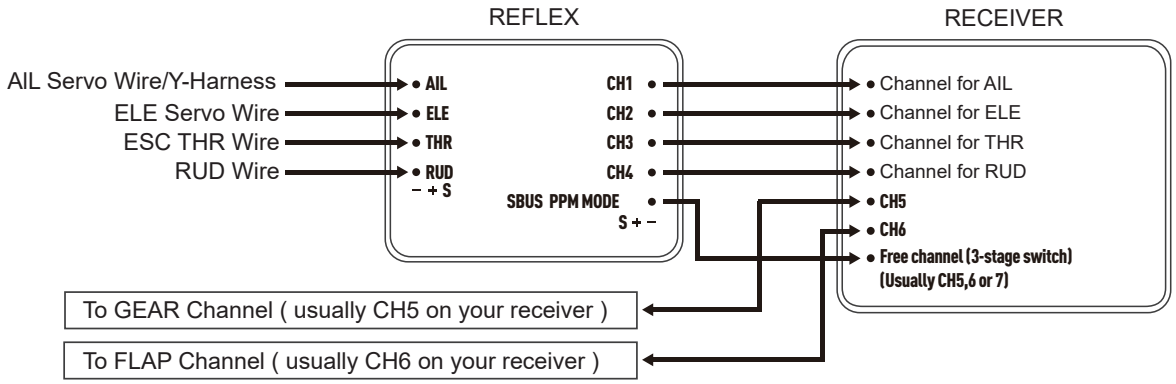


3. Insert all leads on the wing into the fuselage via the fuselage passthrough. Attach the wing onto the fuselage and ensure that the wires do not interfere with any of the servos.
Secure the wing to the fuselage with included screws as shown. Do not over tighten the screws.

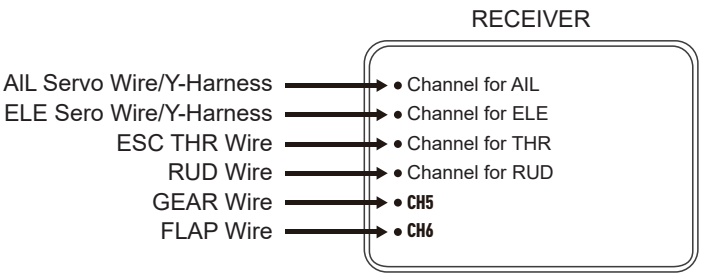
Step 2: Core Assembly and Wiring

Electronic Components Wiring

Universal wire connection (PWM)



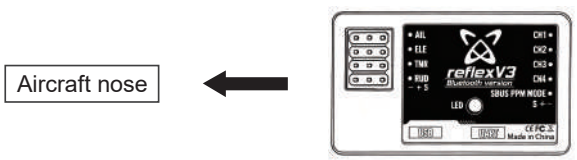
Universal wire connection without REFLEX (PWM)



Reflex Orientation Check

*Note:

Reflex is not included.



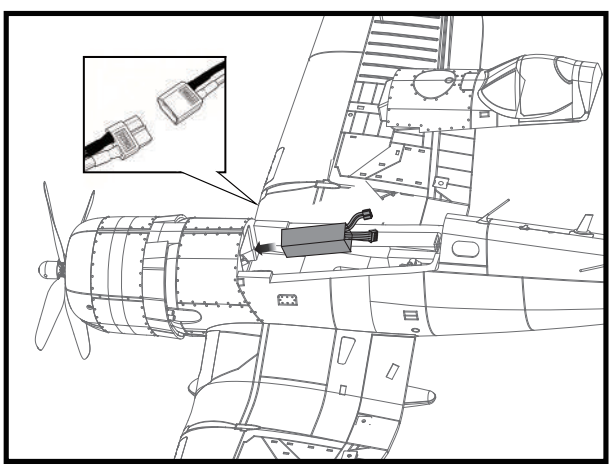
Step 3: Aircraft Setup

Install the power battery

Remove the fuselage hatch, secure the battery in its designated position using Velcro or straps, connect the battery plug (XT60) to the ESC,and place the aircraft on the ground.

Note:

batteries from different manufacturers will vary in weight and size, it is therefore important to check the center of gravity of the aircraft before every flight.

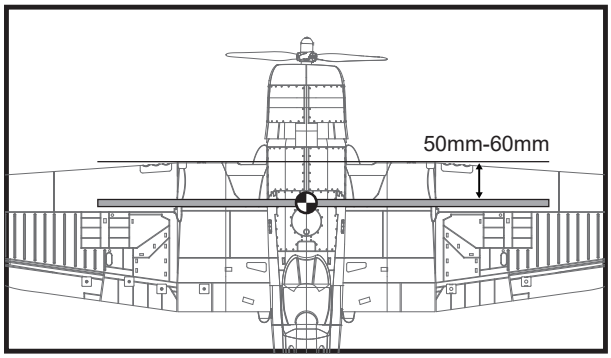


Step 3: Aircraft Setup

Center of Gravity

As shown, the recommended center of gravity position for the maiden flight is 50-60mm from the leading edge of the main wing with the battery pack installed.

After the maiden flight, you may adjust the center of gravity according to your personal piloting preferences.



Control throws

The suggested control throw setting for the 1100mm F4U-4 Corsair are as follows:

Tips: On the first flight, fly the model in low rate. The first time you use high rates, be sure to fly at low to medium speeds. High rate, as listed, is only for EXTREME maneuvering.

	High Rate	Low Rate
Elevator	18mm up / down	12mm up / down
Rudder	18mm left / right	14mm left / right
Aileron	16mm up / down	10mm up / down

Step 4: First Flight Checklist (Final Pre-Flight Check)

Environment: Wind speed is below Beaufort Scale 3. Flight area must be clear of people, buildings, and power lines.

☐ Structure: Verify all structural components—screws, connecting rods, struts, etc.—are securely installed.

☐ Battery: Aircraft battery must be fully charged (full voltage = 4.2V × number of cells; e.g., 4S = 4.2V × 4 = 16.8V).

☐ Signal: Transmitter and receiver have established communication
(The receiver indicator light steady on, control surfaces respond to input).

☐ Control Surfaces: All control surfaces deflect in the correct direction.

☐ Center of Gravity: Center of gravity falls within the recommended range.

☐ Throttle Hold Function : Normally.

***Note:** It is recommended to develop a thorough pre-flight check habit before every flight.

Encountering Issues?

Control Surfaces Reversed? → Adjust the corresponding channel in the transmitter's **[Servo Reverse]** menu.

Binding Failed? → Please refer to the **[Binding and Calibration]** section in your transmitter manual.

Any Other Questions? → The complete PDF manual is your best resource!

Visit our official website for more information:

Official Product Details Page

Aircraft Specifications

Assembly Videos

Flight Demonstration Video

Enjoy your flights!

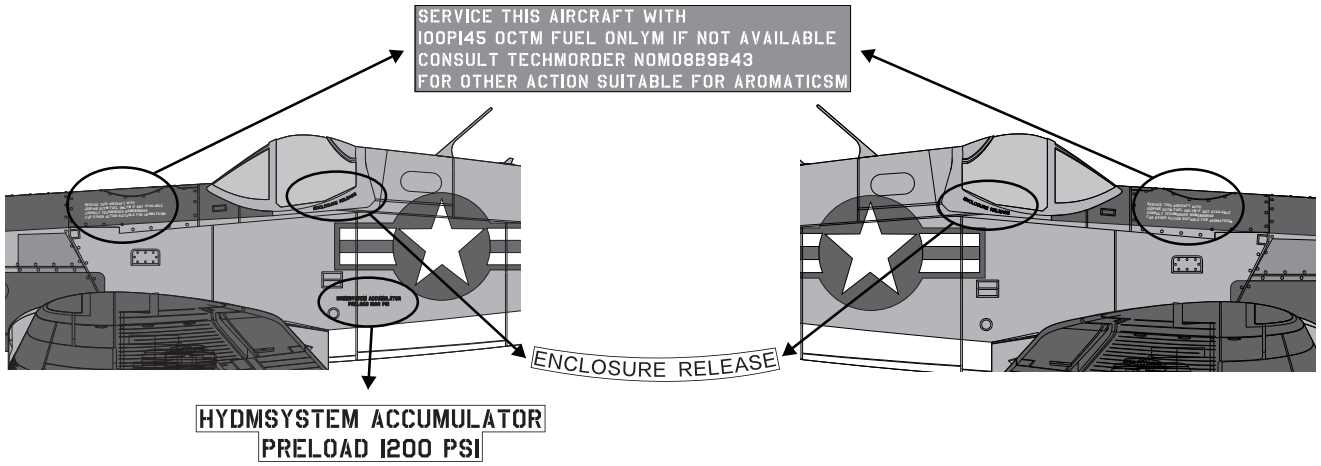
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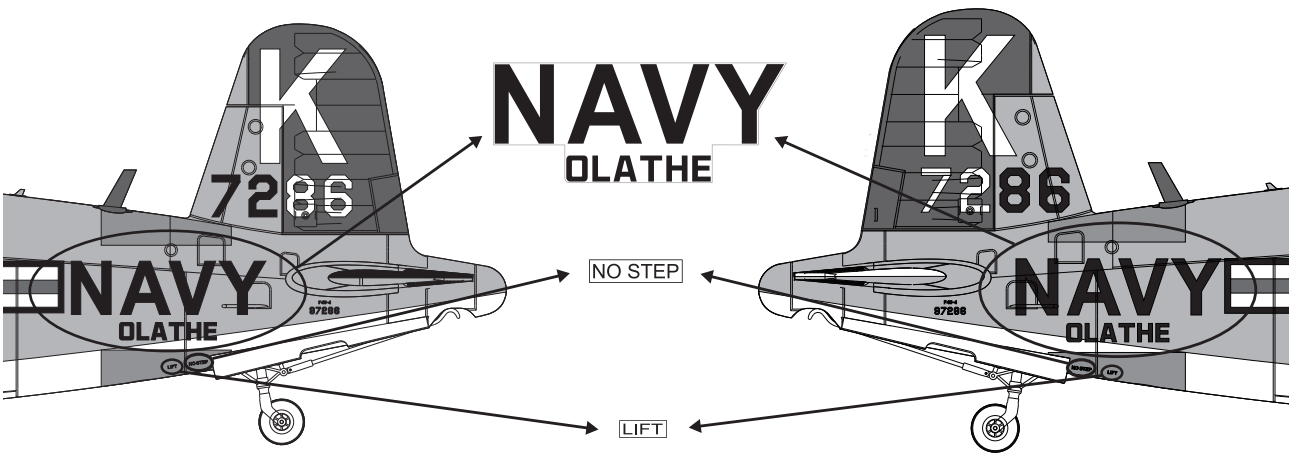
Official website: www.fmshobby.com

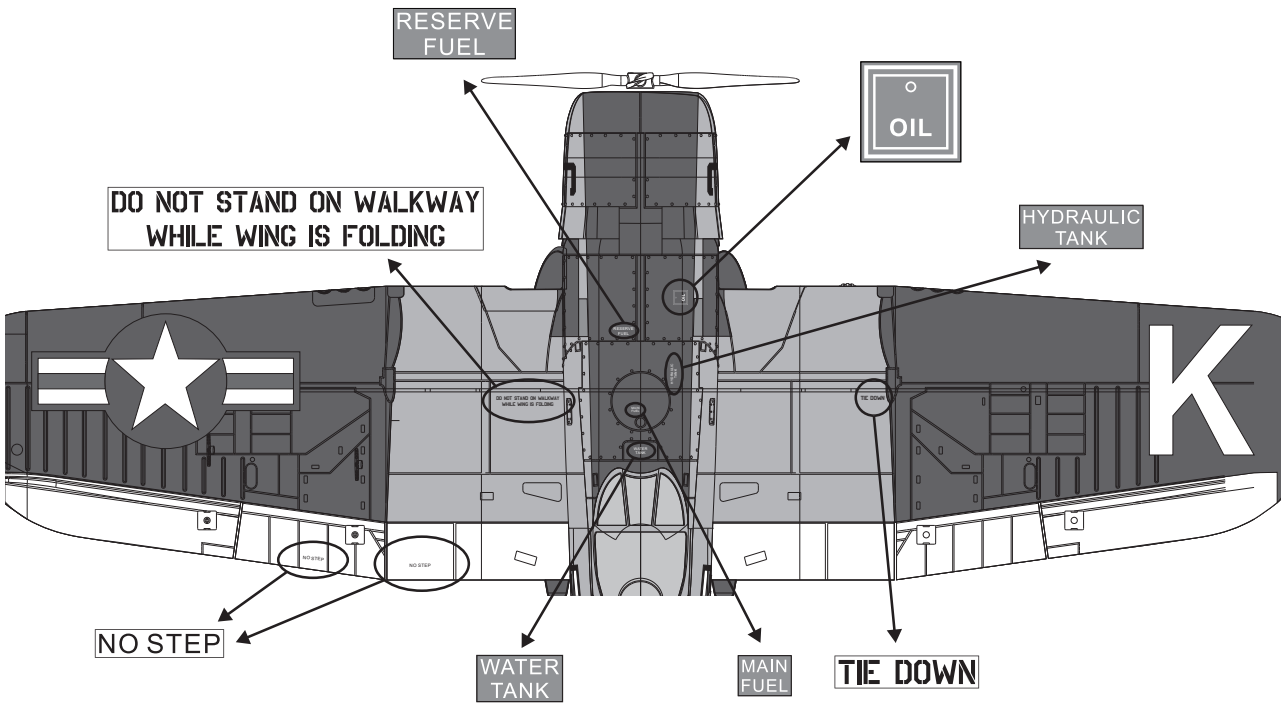
Technical support: www.fmshobby.com/pages/contact

Scan for Complete Manual

Waterslide Decal Reference







警告 ⚠

警告：在组装、调整及飞行前请务必认真阅读产品说明书以熟知产品的特性。请严格按照说明书提示进行飞机的组装、调整及飞行。如操作不当会造成产品本身损坏及其它财产损失，甚至造成严重的人身伤害。

声明：模型不是玩具，具有一定的危险性，操作者需要具备一定的飞行经验，初学者请在专业人士指导下操作。

⚠ 禁止十四岁以下儿童操作、飞行。

安全须知

本产品飞行由无线电遥控器控制，在飞行过程中可能会受到外界强信号源干扰而导致失控，甚至坠机。因此，在飞行过程中务必始终与飞机保持一定的安全距离，避免意外碰撞、受伤。

- 请勿在发射器电池低电量的情况下操纵模型飞机。
- 请勿在公路、人群、高压线密集区、机场附近及其它法律法规明确禁止飞行的场合飞行。
- 请勿在雷雨、大风、大雪或者其他恶劣气象环境下飞行。
- 请严格遵照产品指导说明及安全警告操作本产品及其相关配置（例如充电器、电池等）。
- 请勿将相关化工类产品、零部件、电子部件等置于儿童可触及的范围。
- 请勿将电子件暴露于潮湿的环境中，以免造成损坏。
- 请勿将本品任意处置于口中，以免造成人身伤亡。

锂聚合物电池使用安全须知

- 使用锂聚合物电池时，须严格遵守制造商说明、要求并了解相关风险，使用不当会导致锂聚合物电池起火，从而造成严重的财产损失甚至人身伤害。
- 禁止使用变形、胀气的锂聚合物电池。
- 禁止使用过充、放电的锂聚合物电池，避免发生危险。长时间不使用须将锂聚合物电池放电至存储电压（3.8~3.85V/ 节）。锂聚合物电池须储存在室内干燥区域（4.5~48.5℃），禁止将锂聚合物电池置于阳光下暴晒或车内，高温可能会导致锂聚合物电池起火，造成财产损失和人身伤害。
- 请使用专用充电器对锂聚合物电池进行充放电，禁止使用其它如：镍氢电池充电器。充放电时，禁止将锂电池放置于高温物体表面，建议使用锂电池防爆袋。不正确的充放电操作会对锂聚合物电池造成损伤，甚至会引起火灾，造成财产损失和人身伤害。
- 禁止将锂聚合物电池单节电压放至低于 3V，禁止给已损坏的锂聚合物电池充电。
- 锂聚合物电池充放电须在有人看管的情况下进行，避免发生意外造成不必要的损失。

  飞机电池充电警告：

  请确保使用合格的电池充电器给锂电池充电。在使用充电器前，请认真阅读充电器说明书。充电过程中，请确保把电池置于耐热的表面。建议把锂电池置于防火充电袋内充电，防火充电袋可在相关模型实体店或网上买到。

感谢购买1100mm　F4U-4！跟随这份快速指南的步骤，将帮助您在最短的时间内完成组装与调试，尽情享受飞行乐趣。

注：更详细的安装、设置与安全须知，请务必扫描封面的二维码查阅完整版电子说明书。

飞行贴士

任务简报 // 飞行参考资料 主题:F4U-4“海盗”飞行特性与操作指南

注意： 以下数据综合了“海盗”战机的真实飞行特性以及升级后的 1100mm 4S 动力系统的实测表现。掌握这架“传奇海盗”需要精准的操控和对强劲动力的敬畏。请熟读并保留本指南，以确保夺取制空权。

飞行特性与操控

4S 像真机体验： 与之前的 3S 版本不同，这款升级后的 F4U-4 是一台动力怪兽。凭借超过 1:1 的推重比，它不再仅仅是一架巡航机，而是一架在垂直爬升和高速能量管理方面表现卓越的高性能拦截机。

倒鸥翼稳定性： 标志性的倒鸥翼设计带来了天然的上反角效应，使飞机在平飞和坡度转弯时表现出惊人的稳定性。但请记住，这是一架战斗机——它的响应灵敏且机动性强，需要平顺且有预见性的摇杆输入。

扭矩意识： 像真四叶螺旋桨结合 4S 动力会产生显著的扭矩。请做好心理准备，在高油门操作时（特别是在低速状态下），飞机会有轻微的向左偏移。

起飞与着陆

后三点式起飞： 作为典型的后三点飞机，海盗需要积极的方向舵管理。在起飞滑跑过程中，循序渐进地推油门，并打右舵以抵消螺旋桨效应和扭矩。当机尾抬起时，利用方向舵保持直线轨迹。一旦达到起飞速度，轻轻拉升降舵，这架“传奇海盗”便会跃向蓝天。

航母式进场： 想要完成像真的着陆，请在三边（顺风段）放下 50% 襟翼。在五边（最终进场）切换至全襟翼（100%），以营造高阻力姿态。整个最终下滑过程请保持 20-30% 的油门，以确保控制面有足够的舵效。

着陆接地： 尽量追求主起落架先触地的“两点着陆”，如果在草地上降落，为避免拿大顶，也可以尝试经典的“三点着陆”（即机头和机尾同时接地）。全新的金属减震支柱非常可靠，但也要避免过重的“拍地”，以防弹跳。

安全与特技飞行

高速机动： 这款 F4U-4 专为航展飞行而生。大直径筋斗、利落的横滚和半筋斗倒转（Split-S）是它的拿手好戏。得益于 4S 动力配置，你可以在垂直机动中保持充沛的能量，而不会像普通机型那样轻易失速。

“海盗”失速特性： 虽然倒鸥翼很稳定，但所有战机都有其极限。在剧烈的低速转弯中，海盗可能会出现“掉机翼”式的翼尖失速。在四边转五边时请务必保持足够的空速。 如果发生失速，请保持冷静：减小迎角（压机头），改平机翼，随后推油门补动力拉起。

襟翼混控： 放下襟翼会导致飞机有轻微的抬头倾向。建议在遥控器的襟翼系统中加入 2-5% 的升降舵下混控，以确保进场时飞机能保持平稳、无需人为压舵。

祝飞行愉快，PILOT!

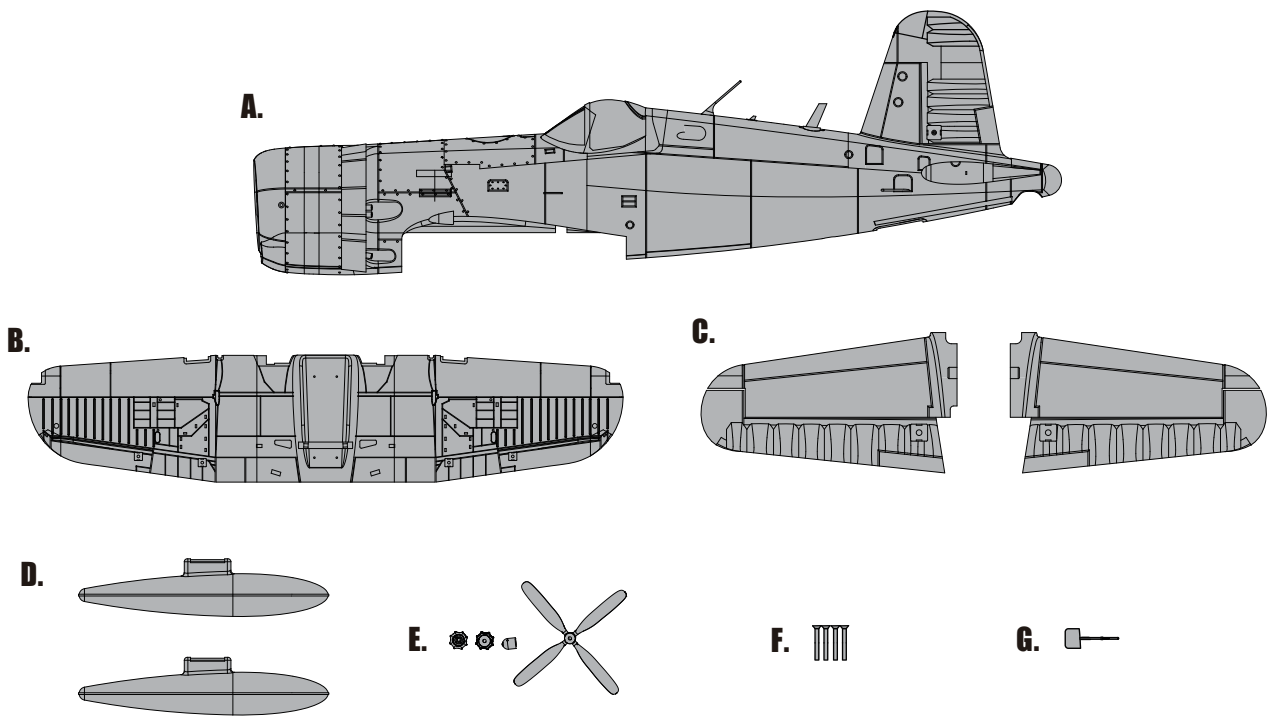
TOP SECRET

第一步：零部件检查

产品组成

在组装产品之前，请仔细检查以下配件，如有缺失或者损坏，请及时联系销售门店或者邮件至厂家（support@fmsmodel. com），告知缺失或损坏的配件名称及编码（请在本说明书尾页查看相应的配件编码）。请注意，不同配置，包装盒内部物品不同。

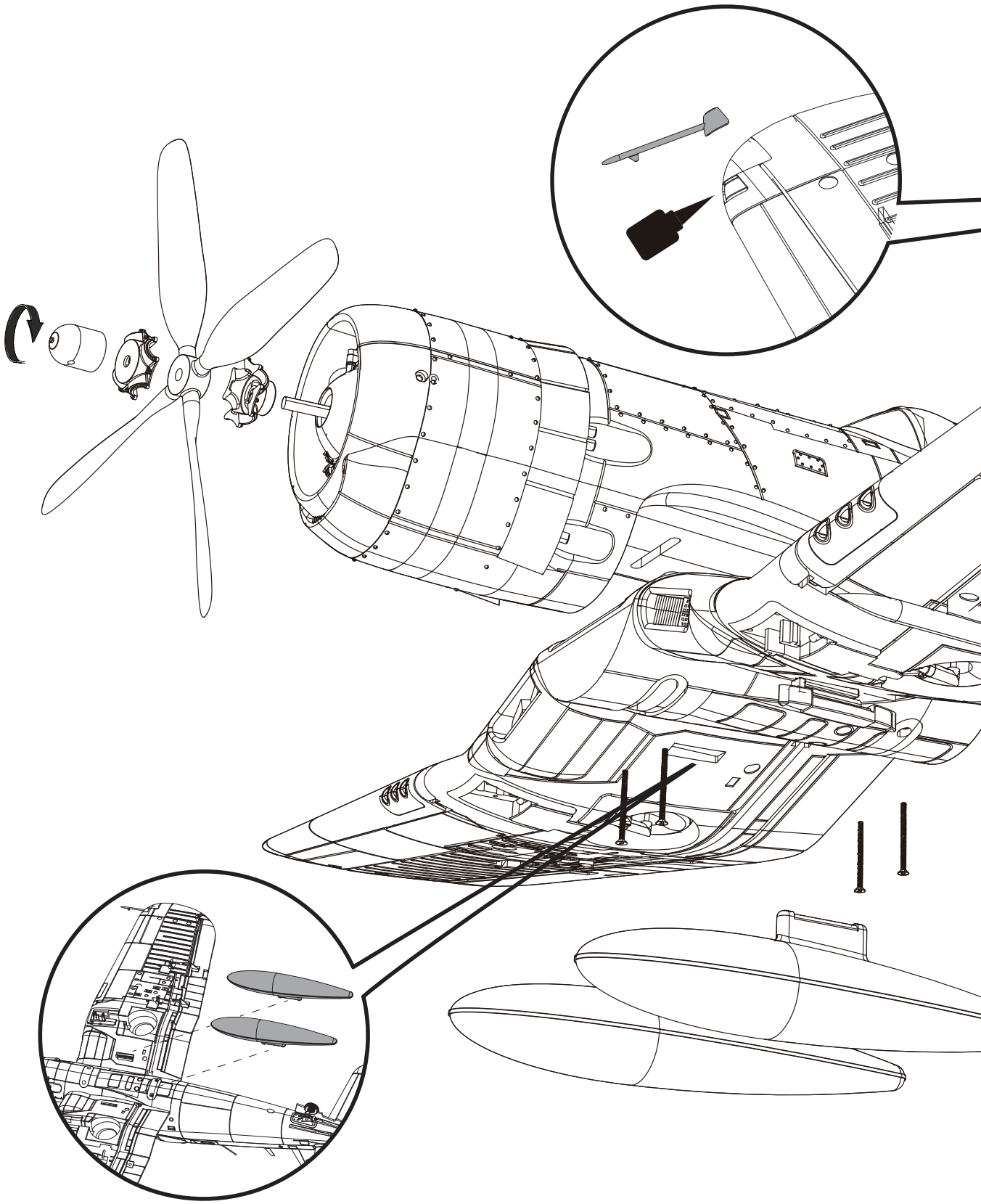
产品参数
翼展：1100mm (43.3in)
机身长：880mm (34.6in)
飞行重量：~ 1300g
电机：3536-KV750
翼载荷：60.5g/dm² (0.13oz/in²)
翼面积：21.5dm² (333sq.in)
电调：40A
舵机：9g×6
推荐电池：14.8V 2200mAh ~ 2700mAh 25C



A: 机身
B: 主翼
C: 平尾
D: 副油箱
E: 螺旋桨和桨罩组
F: 螺丝组
G: 空速管

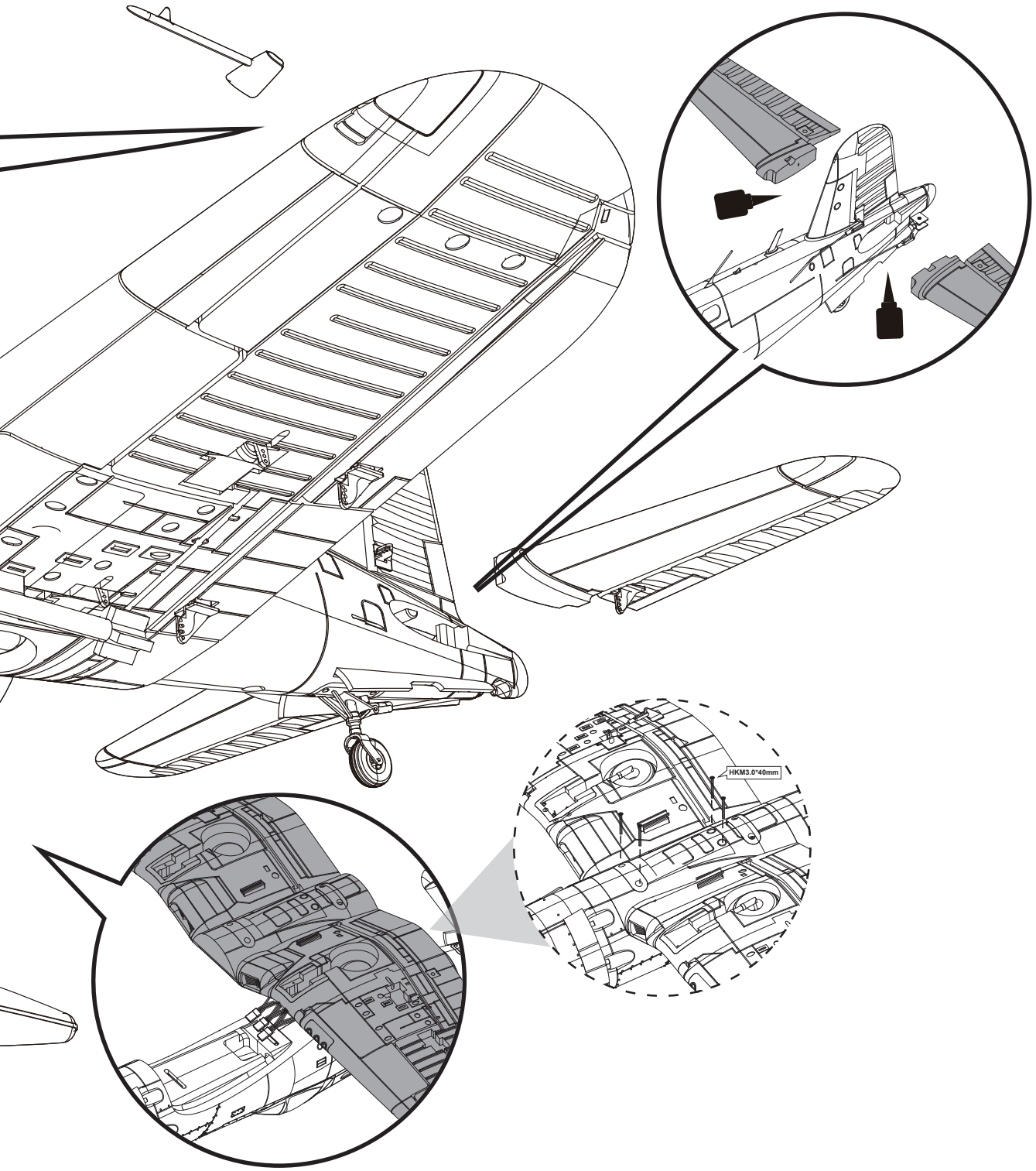
第二步：核心组装和线材连接

1.如图所示，在空速管槽位底部打胶，将空速管安装到位。



4.如图所示， 将副油箱装入滑槽。

2.在图示槽位打胶，将两片平尾安装到位。

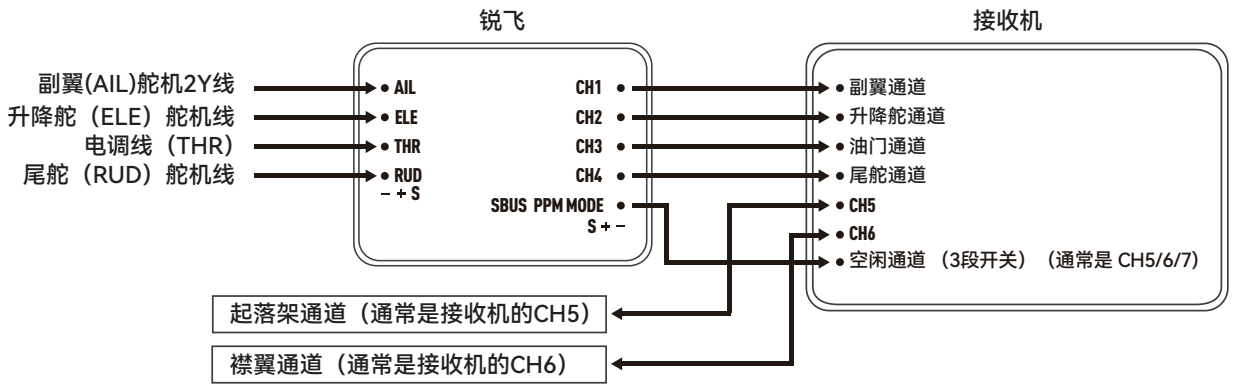


3.把机翼上的所有线头从机身开口处装入，将机翼安装到位，注意不要挤压任何舵机线。
使用所附螺丝固定机翼，注意不要过度拧紧螺丝。

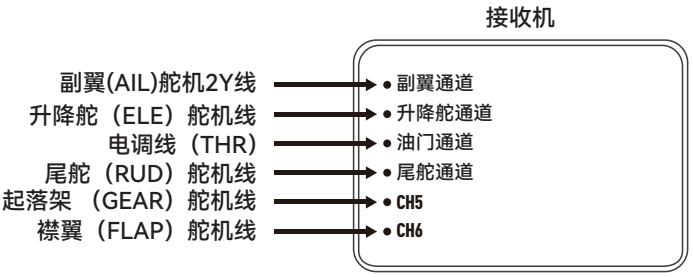
第二步：核心组装和线材连接

电子件接线方法

通用接线方法 （ PWM ）

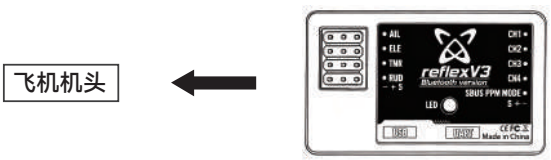


无锐飞版通用接线方法 (PWM)



锐飞安装方向检查

* 锐飞需要单独另购。

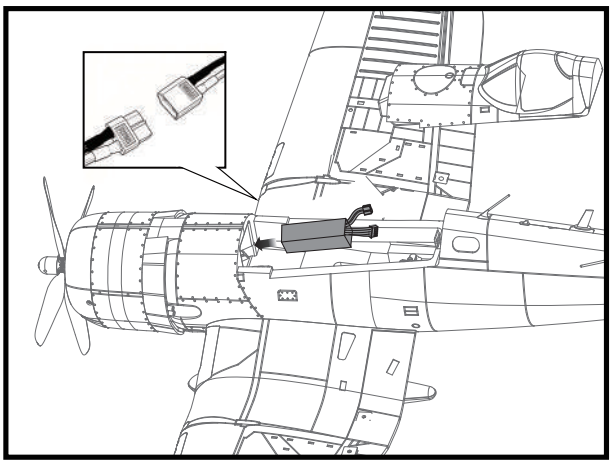


第三步: 飞机调试

安装动力电池

打开机身舱盖，使用魔术贴或绑带将电池固定于指定位置，将电池插头（XT60）连接至电调，把飞机静置于地面。

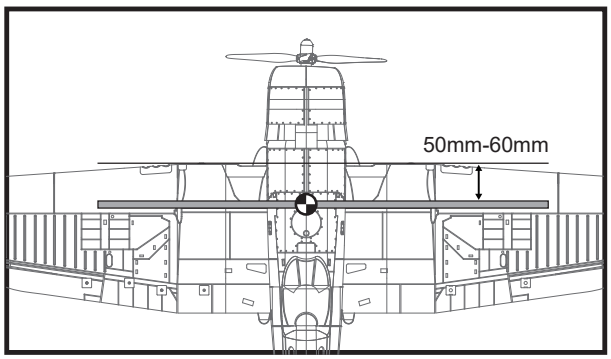
注意:
由于不同电池厂家生产的电池重量有轻微的差异，需要调整电池的前后位置来平衡飞机的重心位置。



第三步: 飞机调试

重心位置

如图所示首飞推荐的重心位置是机翼前缘往后50-60mm处（安装电池以后）。
首飞后，可根据您的个人操作风格适当调整重心。



推荐舵面行程

温馨提示：首飞建议用小舵面行程

	大	小
升降舵	16mm 上 / 下	10mm 上 / 下
副翼舵	18mm 上 / 下	14mm 上 / 下
方向舵	18mm 左 / 右	12mm 左 / 右

第四步：首次飞行检查单

到这一步，你将会需要像真实的飞行员一样，对环境和飞机的功能做最后的检查，以确保安全。

- ☐ 环境：风速小于3级，飞行范围远离人群、房屋及高压线。
- ☐ 结构：确认螺丝，加强杆，斜撑杆等结构件安装紧固。
- ☐ 电量：飞机电池电量充足（满电电压为4.2V*电池S数，如4S为4.2V*4=16.8V）。
- ☐ 信号：遥控器与接收机已成功通信（接收机指示灯常亮，舵面操控有响应）。
- ☐ 舵面检查：各舵面偏转方向正确。
- ☐ 重心检查：重心在推荐范围内。
- ☐ 油门锁功能检查：正常。
- 建议每次飞行前都养成良好的检查习惯。

遇到问题?

舵面反向? ⟶ 在遥控器“舵面反向”菜单仲调整相应通道。
无法对频? ⟶ 请查阅你的遥控器说明书“对频与校准”章节。
其他任何疑问? ⟶ 完整版PDF说明书是您最好的老师!

欢迎访问我们的官网以获取更多信息:

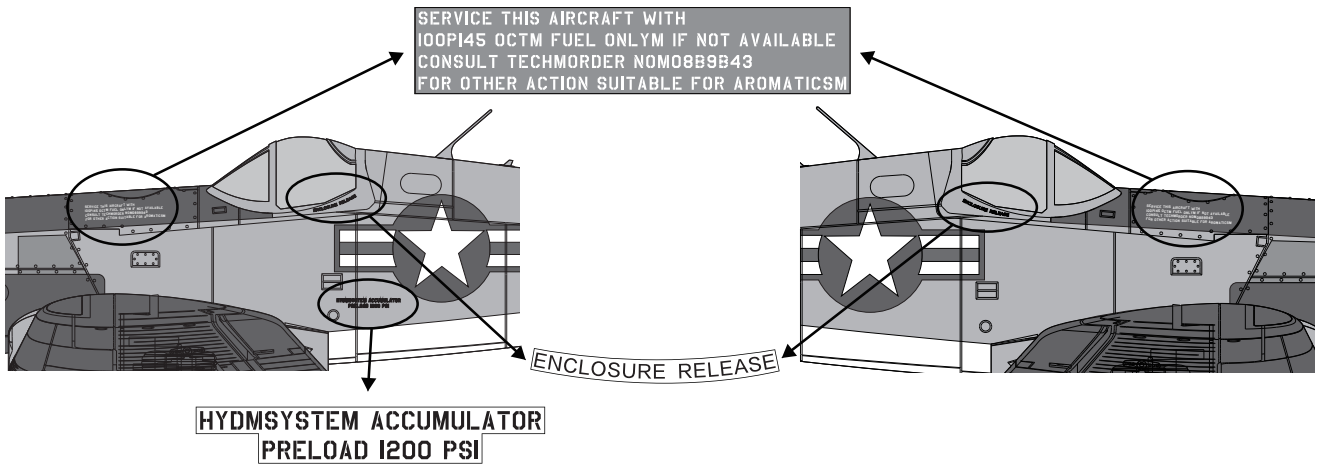
官网详情页面
飞机详情介绍
组装视频
飞行视频

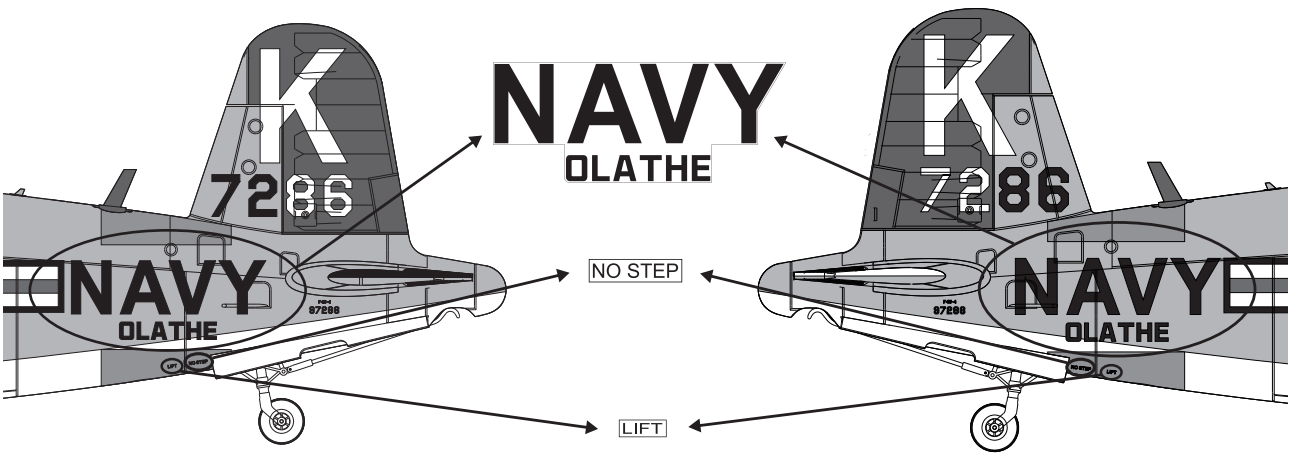
祝您飞行愉快!

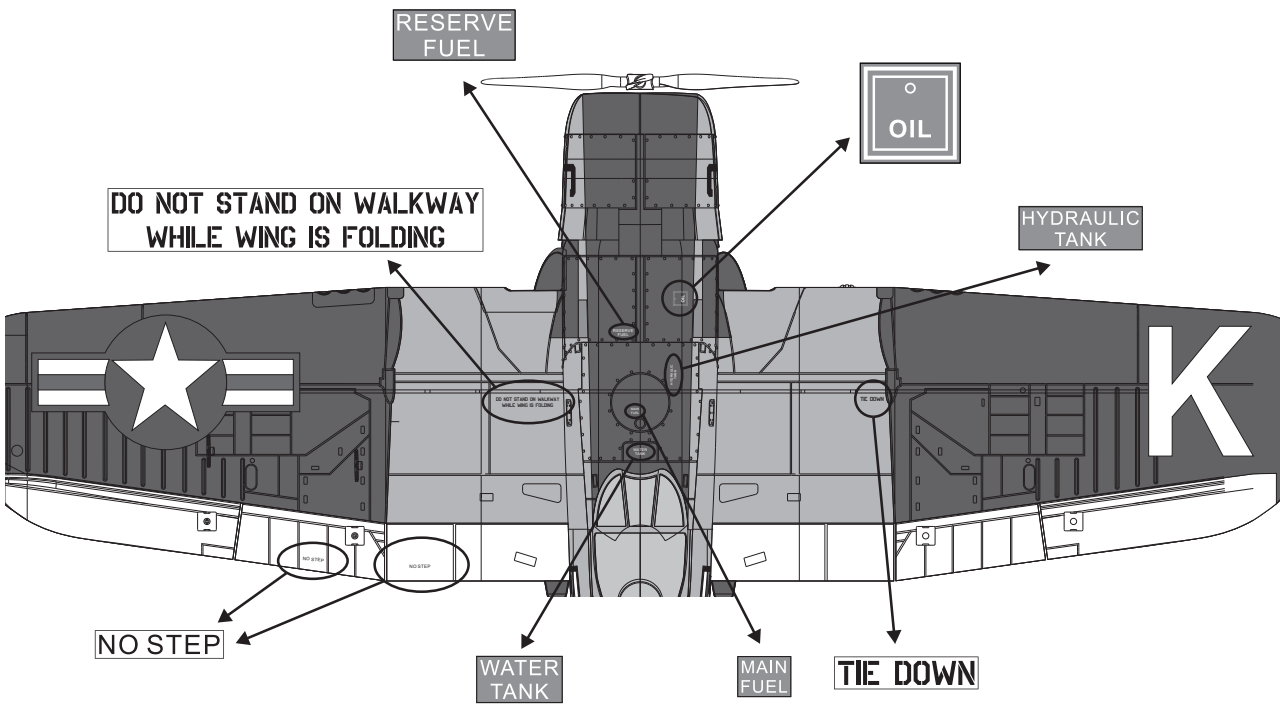
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水贴位置


SERVICE THIS AIRCRAFT WITH
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FOR OTHER ACTION SUITABLE FOR AROMATICSM
ENCLOSURE RELEASE
HYDMSYSTEM ACCUMULATOR
PRELOAD 1200 PSI


NAVY
OLATHE
7286
NO STEP
LIFT


RESERVE FUEL
OIL
DO NOT STAND ON WALKWAY
WHILE WING IS FOLDING
HYDRAULIC TANK
NO STEP
WATER TANK
MAIN FUEL
TIE DOWN

MADE IN CHINA