Thank you for buying ALIGN products. Please read this manual carefully before assembling. We recommend that you keep this manual for future reference regarding tuning and maintenance.

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承蒙閣下選用亞拓遙控世界系列產品，謹表謝意。進入遙控世界之前必須告訴您許多相關的知識與注意事項，以確保您能夠在學習的過程中輕鬆心應手。在開始操作之前，務必詳閱本說明書，相信一定能夠給您帶來相當大的幫助，也請您妥善保管這本說明書，以作後日參考。
1. INTRODUCTION

Thank you for buying ALIGN Products. 600 scale fuselage is designed as an easy to use. Please read the manual carefully before assembling the model, and follow all precautions and recommendations located within the manual. Be sure to retain the manual for future reference, routine maintenance, and tuning. The scale fuselage is designed for ALIGN T-REX 600 Nitro Helicopter series use. You can easily put it on your T-REX 600 Nitro for new clothing.

Thank you for purchasing this product, for your easy handling and use, please read the manual and make sure to retain the manual for future reference, routine maintenance, and tuning. The scale fuselage is designed for ALIGN T-REX 600 Nitro Helicopter series use. You can easily put it on your T-REX 600 Nitro for new clothing.

THE MEANING OF SYMBOLS

WARNING
Mishandling due to failure to follow these instructions may result in damage or injury.
因為誤用這些操作說明，而使用錯誤可能造成財產損失或嚴重傷害。

CAUTION
Mishandling due to failure to follow these instructions may result in damage.
因為誤用這些操作說明，而使用錯誤可能造成財產損失。

FORBIDDEN
Do not attempt under any circumstances.
在任何禁止的情況下，請勿嘗試操作。

IMPORTANT NOTES

R/C helicopters are not toys. R/C helicopter utilize various high-tech products and technologies to provide superior performance. Improper use of this product can result in serious injury or even death. Please read this manual carefully before using and make sure to be conscious of your own personal safety and the safety of others and your environment when operating all ALIGN products.

Manufacturer and seller assume no liability for the operation or the use of this product.

Intended for use only by adults with experience flying remote control helicopters at a legal flying field. After the sale of this product we cannot maintain any control over its operation or usage.

After assembling the scale fuselage, the weight will increase and the structure will be more complex, so we recommend not flying 3D to avoid any accident and damage.

R/C products require a certain degree of skill to operate, and is a consumer item. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warranty and cannot be returned for repair or replacement. Please contact our distributors for free technical consultation and parts at discounted rates when you experience problems during operation or maintenance.

2. SAFETY NOTES

Fly only in safe areas, away from other people. Do not operate R/C aircraft within the vicinity of homes or crowds of people. R/C aircraft are prone to accidents, failures, and crashes due to a variety of reasons including lack of maintenance, pilot error, and radio interference. Pilots are responsible for their actions and damage or injury occurring during the operation or as a result of R/C aircraft models.

Fly only in safe areas, away from other people. Do not operate R/C aircraft within the vicinity of homes or crowds of people. R/C aircraft are prone to accidents, failures, and crashes due to a variety of reasons including lack of maintenance, pilot error, and radio interference. Pilots are responsible for their actions and damage or injury occurring during the operation or as a result of R/C aircraft models.
LOCATE AN APPROPRIATE LOCATION

R/C helicopters fly at high speed, thus posing a certain degree of potential danger. Choose an area free of obstacles, smooth ground, and avoid flying near buildings, homes, trees, or cars. Do not fly near populations or animals. Follow the guidelines for the area.

PREVENT MOISTURE

R/C models are composed of many precision electrical components. It is critical to keep the model and associated equipment away from moisture and other contaminants. The introduction of water or moisture into any model can cause serious performance degradation or even failure. Do not expose the model to rain or moisture.

PROPER OPERATION

Please use the replacement parts on the manual to ensure the safety of instructors. This product is for R/C model use only. Use only for the purpose intended.

WARNING

Before turning on your model and transmitter, check to make sure no one else is operating on the same frequency. Frequency interference can cause your model, or another models to crash. The guidance provided by an experienced pilot will be invaluable for the assembly, tuning, trimming, and actual first flight. (Recommend you to practice with computer-based flight simulator.)

SAFE OPERATION

Operate this unit within your ability. Do not fly under poor weather conditions and improper operation may cause danger.

ALWAYS BE AWARE OF THE ROTATING BLADES

During the operation of the helicopter, the main rotor and tail rotor will be spinning at a high rate of speed. The blades are capable of inflicting serious bodily injury and damage to the environment. Do not conduct operations near people, cars, or buildings. Always keep the model a safe distance from people and objects, as well as surrounding objects. Never fly the model near an area where there is open flame or heat.

KEEP AWAY FROM HEAT

R/C models are made of various forms of plastic. Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Make sure not to store the model near any source of heat such as an oven, or heater. It is best to store the model indoors, in a climate-controlled, room temperature environment.

WARNING

Keep away from flame to avoid fire and stress.

WARNING

Keep away from metal to avoid rust.

NOTE

Keep away from water to avoid rusting.

KEEP AWAY FROM TTL

Keep away from metal to avoid rust.

WARNING

Keep away from metal to avoid short circuit.

NOTE

Keep away from metal to avoid short circuit.
3. PREPARATION BEFORE ASSEMBLING 組裝前準備事項

600 scale fuselage, suitable for T-REX 600 Nitro Helicopter series.

BEFORE ASSEMBLING 組裝前準備事項

1. Check for all the parts in the list come with the manual.
2. Some basic tools are needed to help the assembly.

TOOL 工具

1. 1500 MD Canopy x1
2. 2500 MD Fuselage x1
3. 5000 MD Fuselage (Front) x1
4. 6000 MD Fuselage (Right lower) x1
5. 5000 MD Fuselage (Upper) x1
6. Horizontal stabilizer x1
7. Vertical stabilizer x1
8. Missile launching x2
9. Launching support x2
10. Aiming sight x1
11. Manifold x2
12. Landing skid x4
13. Skid pipe x2
14. Tail boom guide x1
15. Pellicid plastic lens x1
16. Fitting plate x1
17. Exhaust tube x1
18. Joint tube x1
19. Nylon strap x2
20. Rudder control rod C x1
21. Skid pipe end cap x4
22. Tail control guide x1
23. Ball link x2
24. Plastic spacer x2
25. Aluminum insert x2
26. ELEV servo pole (20mm)x4
27. Socket head screw (T3x12mm)x4
28. Set screw (M3x4mm)x4
29. Round head screw (T3x10mm)x8
30. Socket button head screw (M3x10mm)x4
31. Socket button head screw (M3x6mm)x4
32. Flat head screw (M2.6x10mm)x8
33. Socket head screw (M3x16mm)x4
34. Socket head screw (M3x10mm)x4
35. Socket head screw (T3x16mm)x4
36. Washer (9.5x0.9mm)x6
37. Washer (3.4x8.0mm)x8
38. Self adhesive foam (9.9mm)x8
39. Plastic antenna (2x100mm)x1

1. 卡尺及筆記
2. 航模機翼
3. 航模尾翼
4. 起飛架
5. 航模螺旋槳
6. 静電絶緣
7. 航模電子零件
8. 航模電子線材
9. 航模電子工具
10. 航模電子配件

1. 基本工具
2. 各類電子零件
3. 各類電子線材
4. 各類電子配件
5. 各類電子工具
6. 各類航模配件
7. 各類航模工具
8. 各類航模電子元件
9. 各類航模電子線材
10. 各類航模電子工具
Assemble the skid pipe end caps (front) in the skid pipes and apply some CA glue to fix if necessary.

Insert the skid pipes through the landing skids. After that, assemble the skid pipe end caps (Rear) in the skid pipes.

Fasten 4pcs landing skids with socket head screws T3x12.

Fasten the skid pipes with set screws M3x4.

Mount the launching supports with socket screws T3x16 and washers Ø3.4xØ8xØ8mm.

Fix Ø2x100mm plastic antenna (Non function) on the lower hole 2mm of the tail boom with AB glue.

- CA
- Socket head screw T3x12
- Set screw M3x4
- Plastic antenna
- AB
7. Fix 2pcs manifolds on the fuselage with AB glue as illustration.

8. Fix aiming sight in front of the canopy with AB glue.

9. Fasten 4pcs flat head screws M2.6x10mm in launching support (Right/Left).

10. The marked position for quick release of missile launching.

11. Stick the Φ9 self adhesive foam (align to the position of the T2.6x10mm flat head screws on the launching support.)

12. Set the screws in a proper length and fix with some glue.
4. ASSEMBLY STEPS 組裝步驟

Glue 4pcs canopy covers on the canopy with silicone.
將4片機罩蓋以透明矽脂固定機罩蓋上。

Fix the horizontal stabilizer to the vertical stabilizer with CA glue or AB glue.
以CA或AB膠將水平翼固定於垂直翼上。

Raise the elevator servo by ELEV servo poles (20mm length) and screw it for preventing any interference caused by the fuselage.
如圖示，將ELEVOR儀器以附的固定柱(20mm長)架高固定，可避免與機翼干涉。

Fasten the ELEV servo poles with socket button head screws M3x6.
以半圓頭內六角螺絲M3×6將固定柱鎖附於機翼。

First remove the original 600N landing skids. Assemble the plastic spacers and the fixing plate in the back of the bottom plate to raise it.
先將600N的原腳架拆除，於碳纖底板後方以塑膠墊片和底板固定片，將碳纖底板架高。

Fasten the spacers and fixing plate to the bottom plate with socket head screws M3x16 and washer Φ 3.4xΦ 9.9xΦ 0.9mm.
以圓頭內六角螺絲M3×16與華司Φ 3.4xΦ 9.9xΦ 0.9mm將墊片和固定片鎖附於底板。
19. Connect the exhaust tube from the reserved hole of the back of fuselage.
将排煙管由機身後方的预留孔穿出。

20. Put a smaller silicone joint tube on the muffler and then insert the exhaust tube. Fasten the tube with nylon strap.
将較小的矽膠接管先裝入加速管，再將排煙導管推入加速管，並以束帶束緊固定。

21. Temporally remove tail case, horizontal and vertical stabilizer, tail control guide, and rudder control rod B. Then assemble the attached Z-type rudder control rod C.
剪下尾翼箱組、平衡翼、尾翼、尾控制桿固定環與尾舵控制桿B，並裝上隨附的Z字型尾舵控制桿C。

22. Assemble the attached shorter rudder control guide.
装上隨附較短的尾舵控制桿固定環。

23. Slightly install the helicopter unit into the fuselage.
將機身輕輕裝入機殼。

24. Please note that the control rod C must be passed through the slot of the tail.
(TIP: use a thin cotton thread to assist passing the control rod through the slot.
注意控制桿C須從機殼尾殼的缺口穿出。(註:可使用較細的棉線輔助，從缺口處拉出控制桿再向外推出。)
25. Fasten the helicopter unit at front with socket head screw M3x10 and washer Ø 3.4x 9.9x 0.9mm. 機身前方以圓頭內六角螺絲M3x10與華司Ø 3.4x 9.9x 0.9mm鎖緊固定。

26. Use L-type hexagon wrench to fasten the fixing plate with socket head screw M3x10 and washer Ø 3.4x 9.9x 0.9mm. 使用L型六角板手將圓頭內六角螺絲M3x10與華司Ø 3.4x 9.9x 0.9mm將固定片鎖緊固定。

27. Insert a tail boom guide to the tail boom. 將尾管固定環套入尾管。

28. Reinstall the tail case as the standard assembly. Fasten the ball link in a proper position, and then insert to the linkage ball. 將尾齒箱組裝標準方式裝回，鎖上連桿頭調整至適當長度後，壓入球頭。

29. Apply some CA or AB glue on the aluminum inserts and insert into the vertical stabilizer from the right side. 將垂直翼固定鋁套點上CA或AB膠後，由右側壓入垂直翼。

30. Fasten the vertical stabilizer with socket head screws M3x16 and washers. 裝上垂直翼，並以圓頭內六角螺絲M3x16與華司鎖緊固定。
Fasten the canopy with 6pcs round head screws T3x10.
組件罩以6pcs 圓頭十字螺絲T3x10螺附固定。
Specifications/规格配備:
Length/长度: 1245mm
Height/高度: 500mm
Width/宽度: 385mm
Weight/重量: 1410g

Suitable for ALIGN T-REX 600 Nitro series
适合ALIGN T-REX 600 Nitro模型