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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1. INTRODUCTION

Thank you for buying ALIGN Products. 250 scale fuselage 500E 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 250 Helicopter series use. You can easily put it on your T-REX 250 for new clothing.

IMPORTANT NOTES

RC 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 you are conscious of your 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.

RC/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. ASSEMBLY ILLUSTRATION

250 scale fuselage 500E, suitable for T-REX 250 Helicopter series.

Before Assembling

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

Assembling Procedure

1. Assemble the fuselage using the manual and any tools provided. Be sure to test and inspect the assembled model before flight.
2. Check all bolts and screws are tight before flight.

Tool

1. Cutter knife
2. Hexagon screw driver
3. Phillips screw driver
4. File
5. Diagonal cutting pliers
6. Fine sandpaper
7. CA glue
8. AB glue
9. Scissors

1.500E Canopy x 1
2.500E Fuselage x 1
3. Vertical stabilizer x 1
4. Tip fin x 1
5. Horizontal Stabilizer x 1
6. 500E Front window x 2
7. 500E Rear window x 2
8. Skid pipe x 2
9. Front landing skid x 2
10. Rear landing skid x 2
11. Height retainer x 1
12. Aluminum link (φ1.5x3.6x6mm) x 2
13. Socket button head screw (0.16x1mm) x 1
14. Socket button head screw (0.13x1mm) x 1
15. Washer side self tapping screw (T2x5mm) x 4
16. Socket screw (M2x4mm) x 2
17. Washer (φ2x0.5mm) x 2
18. Washer (φ1.5x3x0.2mm) x 4
19. Pipe mount x 1
20. 500E canopy x 1
21. 500E fuselage x 1
22. Vertical stabilizer x 1
23. Tip fin x 1
24. Horizontal stabilizer x 1
25. 500E front window x 2
26. 500E rear window x 2
27. Skid pipe x 2
28. Front landing skid x 2
29. Rear landing skid x 2
30. Height retainer x 1
31. Aluminum link (φ1.5x3.6x6mm) x 2
32. Socket button head screw (0.16x1mm) x 1
33. Socket button head screw (0.13x1mm) x 1
34. Washer side self tapping screw (T2x5mm) x 4
35. Socket screw (M2x4mm) x 2
36. Washer (φ2x0.5mm) x 2
37. Washer (φ1.5x3x0.2mm) x 4
38. Pipe mount x 1
3. ASSEMBLY STEPS

Please take disassemble the parts of T-REX250 that indicated from 1 to 16 before putting the main frame into the scala fuselage for easier assembly.

Adjust the tail servo position to avoid the interference with the inner fuselage.

Fix the height retainer on T-REX250 bottom plate with Socket button head self tapping screw T1.5x5mm and washers.

- Socket screw M2x4mm
- Tail servo mount
- Socket button head self tapping screw T1.5x6mm
- Height retainer
- Washer φ1.5xφ3x0.2mm
3. ASSEMBLY STEPS 組裝步驟

Use a knife to cut the protruding part and sandpaper to make it smooth.

*使用刀片或刮刀去除突出部分，並使用砂紙修平。*

Insert the T-REX 250 into the fuselage.

*將T-REX 250裝入機體內。*

Adjust the fixing position of the height retainer and keep the center lines of the tail boom and the fuselage at the same level.

*調整旋鈕高度固定器的位置，保持尾boom和機體的中心線在同一水平。*
3. ASSEMBLY STEPS 組裝步驟

Adjust the fixing position of the height retainer and make the main rotor head assembly at the center line of the fuselage. Note to keep 2mm gap between the long linkage ball and the fuselage.

調整機身高度架位置於縱貫線及主旋翼組於機身的中心線上，注意長連桿球與機身間保持約2mm的距離。

Apply some CA glue or AB glue on the canopy as illustration.

適用一些CA膠或AB膠於機罩上，如圖示位置。

Complete illustration

Before flying, please carefully check every part again to make sure all parts are firmly secured without any interference.

飛行前，請仔細檢查每一部分，確保所有部件緊密固定，無任何干涉情況。
Specifications & Equipment/規格配備:
Length/機身長: 460mm
Height/機身高: 227mm
Width/機身寬: 138mm
Weight/空機重: 130g

Suitable for ALIGN T-REX 250 series
適合ALIGN T-REX 250 機型