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Instruction manual

Scale Fuselage EC-145 T1
450 size



1. INTRODUCTION

Thank you for buying Roban Model products. The 500 size UH-60 scale fuselage is designed as an easy to use product. 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 T-REX 500 Helicopter series use. You can easily put it on your T-REX 500 for new clothing.

Important Note

Roban Model R/C Helicopters are advanced, high-performance devices, built incorporating the latest technologies. They are not intended as toys, and improper use can potentially lead to serious injury, or even fatal accidents. We implore you to read this manual thoroughly before operating these models. Safety should be your utmost priority - not just your own, but also that of others and your surroundings when piloting Roban Model products.

Liability Disclaimer:

The manufacturer and the seller cannot accept liability for the operation or misuse of this product. Roban Model R/C helicopters are intended to be used exclusively by experienced adults in legally sanctioned flying fields. Once sold, we cannot monitor or control the product's operation or usage.

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Operation Guidelines:

Upon assembly of the scale fuselage, the weight and complexity of the structure will increase. To mitigate risk of accidents and damages, we advise against attempting 3D flights.

Skill Requirements:

The operation of R/C products necessitates a certain level of skill and familiarity. Any damages or dissatisfaction resulting from accidents, modifications, or operational mishaps are not covered under any warranty. Consequently, such products cannot be returned for repair or if you experience problems during operation or maintenance.

2. OPERATIONAL GUIDELINES FOR SAFETY IN USING R/C AIRCRAFT MODELS

Safety Zone:

Prioritize the safety of others by operating R/C aircraft models in isolated areas, free of bystanders. Avoid piloting these models near residential zones or large groups of people.

Operational Risks:

Be aware that R/C aircraft models are susceptible to accidents, malfunctions, and crashes. These may result from a range of factors such as inadequate maintenance, pilot errors, or radio interference. Understanding these risks is crucial for safe operation.

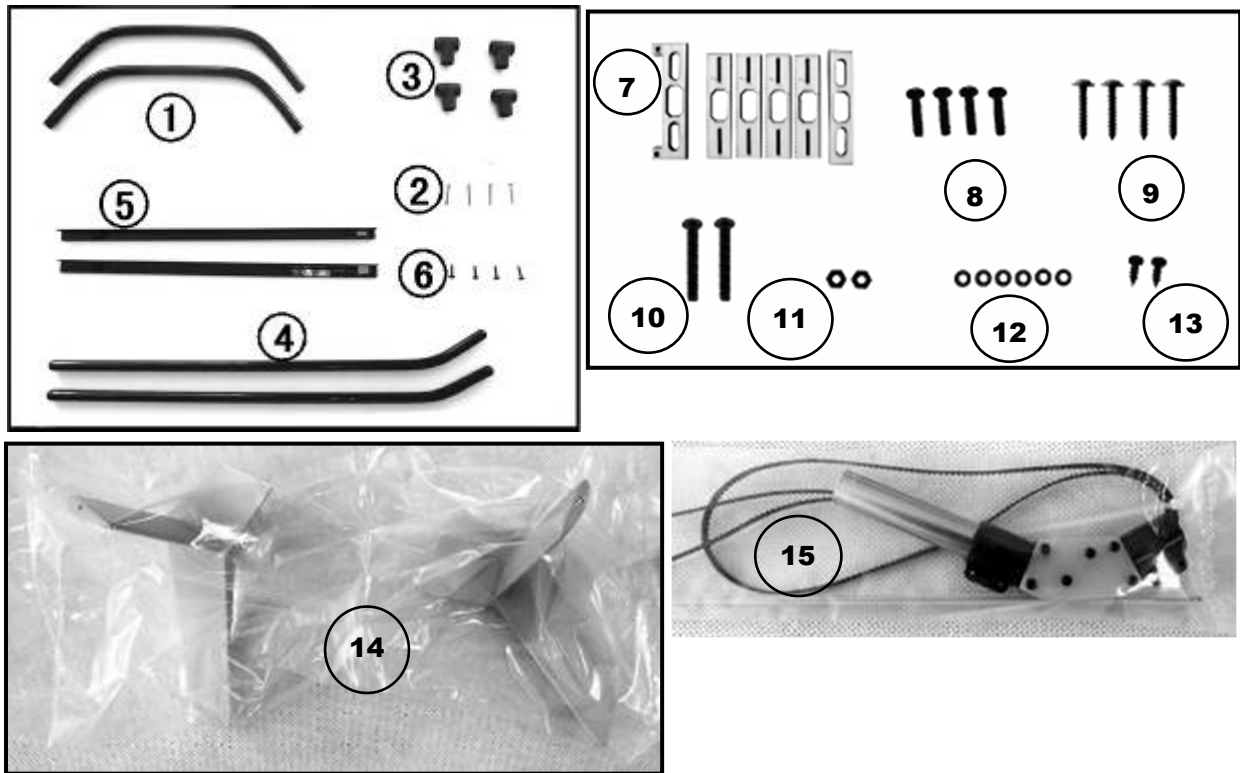
Pilot Responsibility:

Pilots bear the sole responsibility for any damage or injuries that may occur during operation or as a result of using R/C aircraft models. By undertaking the control of these devices, you accept accountability for your actions and their possible consequences. Always aim for caution and responsible handling to minimize any potential risks.

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3. CONTENTS OF KIT

Please check the contents of the kit prior to installation.



SCOPE OF DELIVERY

Item No.	Description	Quantity
1	Landing gear struts	x2
2	Screw A2x12	x4
3	T-Connector	x4
4	Landing gear skins	x2
5	Footstep	x2
6	Screw A2x10	x4
7	Plywood washer	x6
8	Screw M2x8	x4
9	Screw A2x12	x4
10	Screw M2x12	x2
11	Nut M2	x2
12	Washer M2	x6
13	Screw A2x5	x2
14	Tail wings	x2
15	Elevated tail	x1

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REQUIRED TOOLS / CONSUMABLES

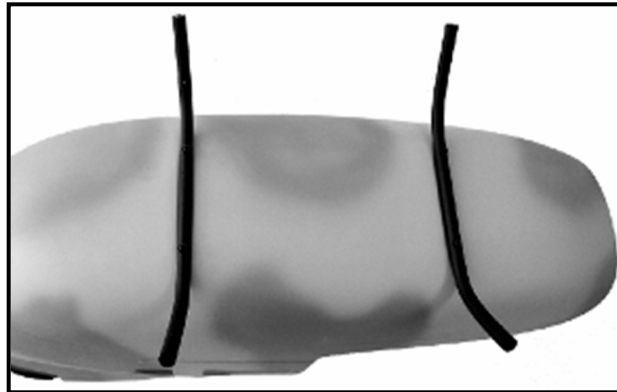
Tool No.	Tool/Consumable
1	Knife
2	Allen Key
3	Phillips-Screwdriver
4	File
5	Wirecutter
6	2K Epoxy
7	Cyanoacrylate glue
9	400 grid sand paper
10	Scissors

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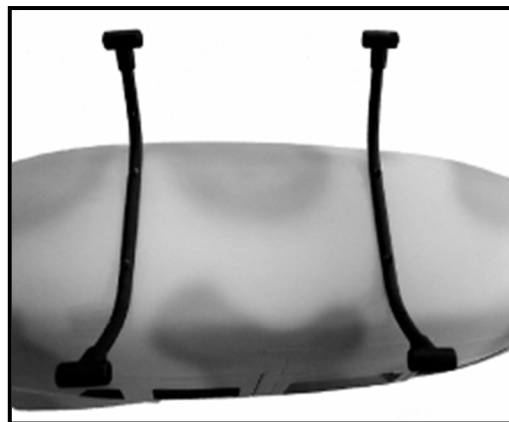
4. INSTALLATION

Prior to installing the mechanics into the fuselage, please prepare the fuselage according to the following steps. Installation into the fuselage most of the helicopter mechanic become inaccessible. The landing gear must be installed first. As you will have to turn the mechanics over, please make sure that you are not scratching the paint by using a old blanket or a rig while working on it.

- 4.1. Mount struts with screw A2x12 as shown.



- 4.2. Glue in the T-Connectors with epoxy glue.

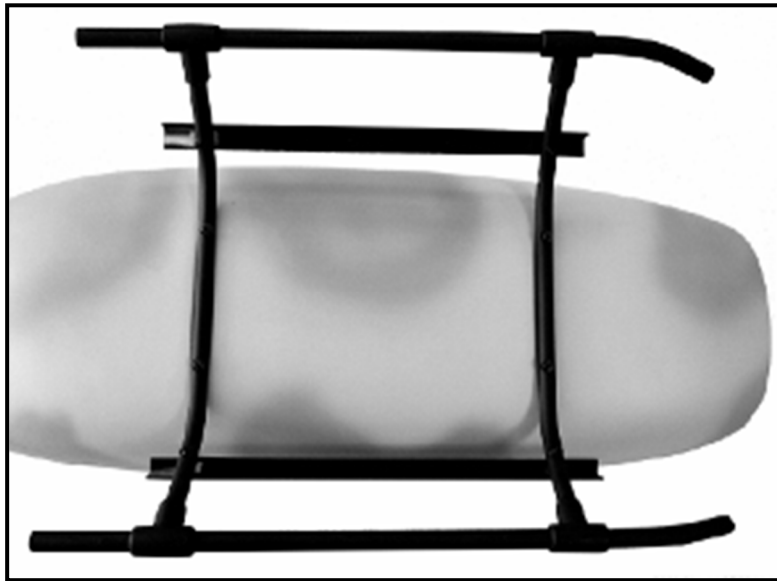


- 4.3. Mount Glue the skids in as shown.



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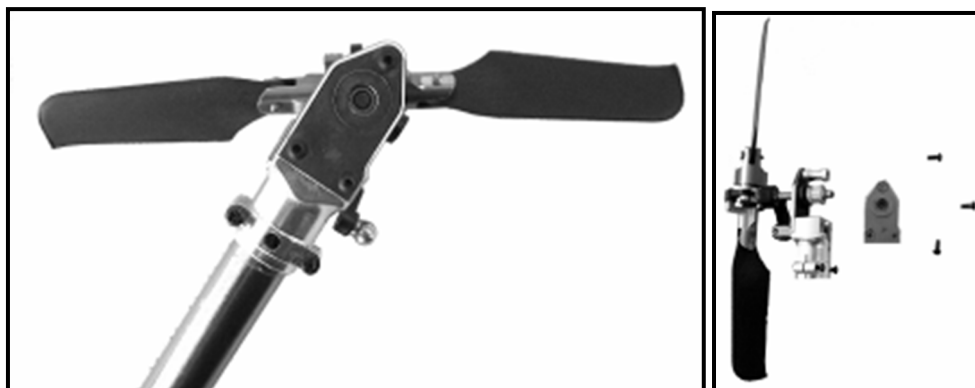
- 4.4. Mount footrest with screws A2x10.



- 4.5. Remove the tail boom.



- 4.6. Remove the tail rotor frame.

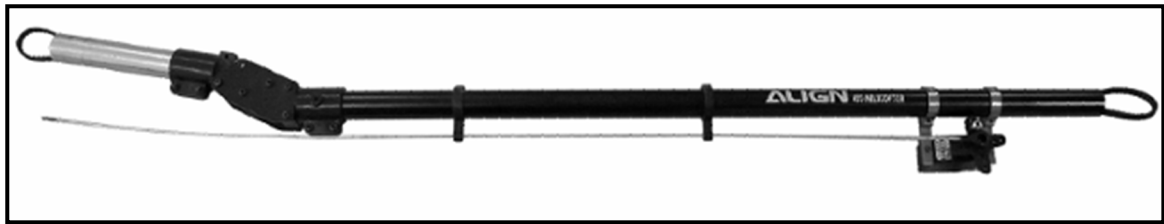


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- 4.7. Untighten the screw as shown.



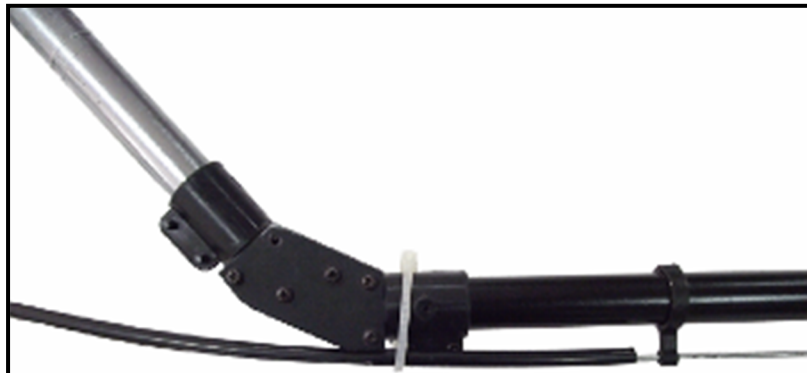
- 4.8. Assemble the tail boom as shown. Make sure belt isn't twisted twice.



- 4.9. Reassemble in main frame.

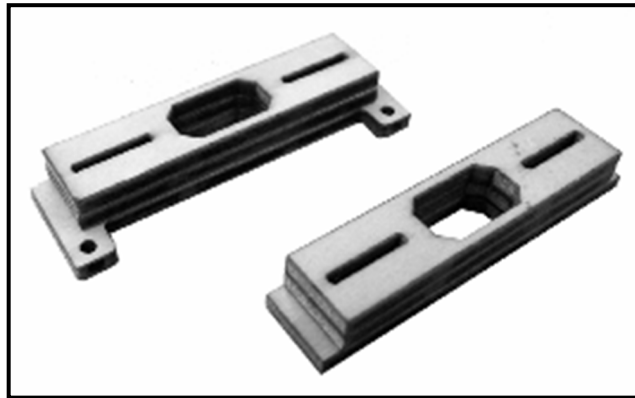


- 4.10. Fix tail control rod sleeve with zip ties.

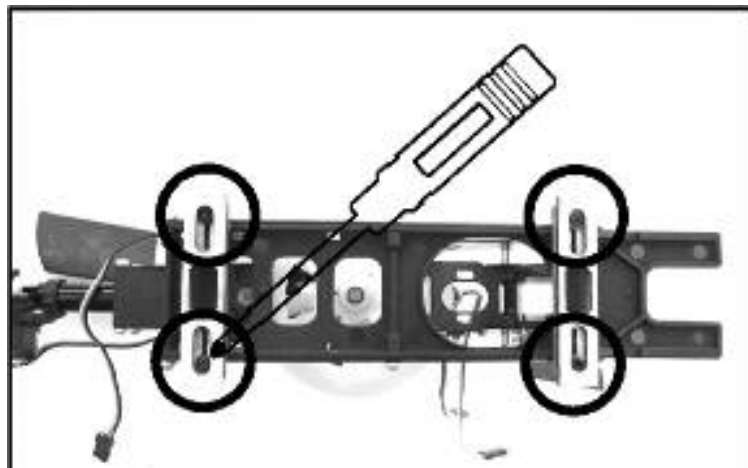


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- 4.11. Prepare plywood washers as shown.



- 4.12. Screw washers onto main frame as shown.



- 4.13. Insert mechanics into body.



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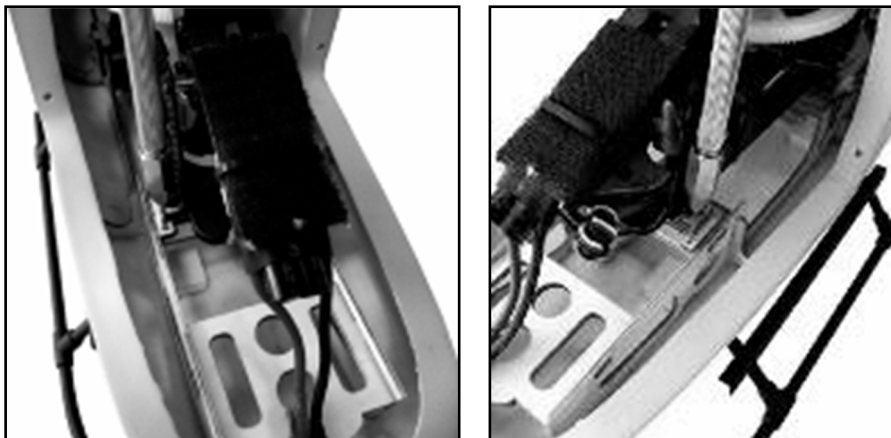
- 4.14. Make sure to engage the slots in the back.



- 4.15. Flip tail upwards and tighten screw.

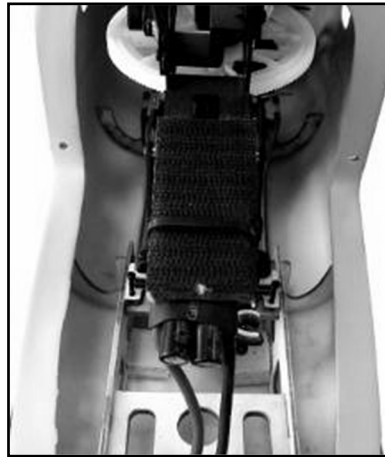


- 4.16. Adjust properly then drill 1mm holes through



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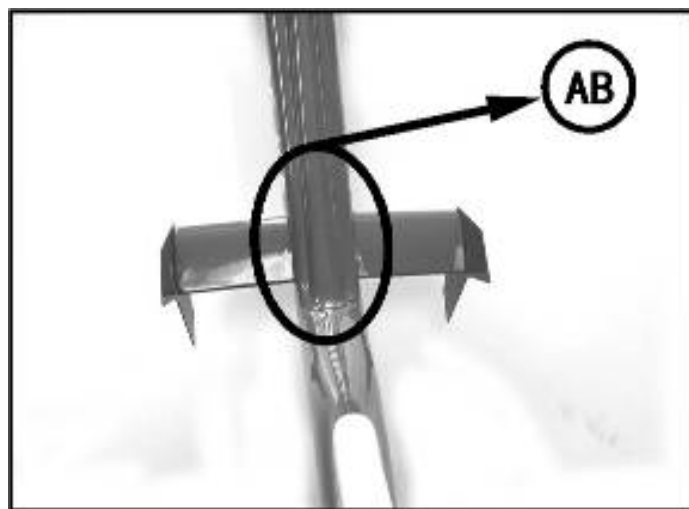
- 4.17. Tie down mechanics with screws.



- 4.18. Mount tail boom cap.



- 4.19. Glue tail wings into the fuselage with epoxy.



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5. SPAREPART LIST

EE450PJ001		450EC-145 前 头含窗	450 EC-145 canopy
EE450PJ002		450EC-145 平 垂尾	450 EC-145 tail wing set
EE450PJ003		450EC-145 脚 架组	450 EC-145 landing gear
EE450PJ004		450EC-145 脚 踏	450 EC-145 foot rest
EE450PJ005		450EC-145 尾 波箱	450 EC-145 elevated tail
EE450PJ006		450EC-145 水 印	450 EC-145 decal set

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6. ILLUSTRATION OF READY MOUNTED HELICOPTER



Specifications:

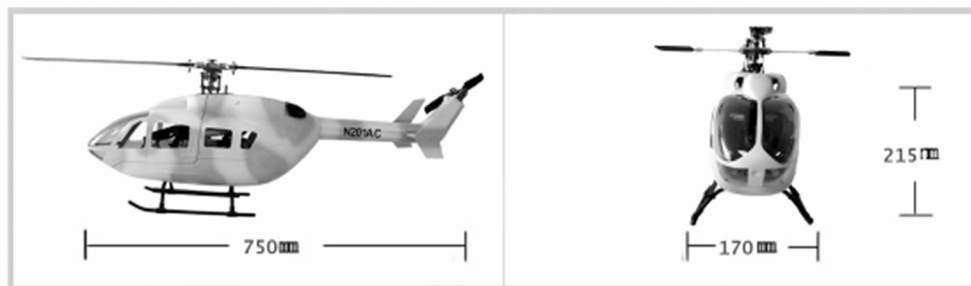
Length: 750mm

Height: 215mm

Width: 170mm

Weight: 385g

Suitable for TREX450 Belt type mechanics and derivatives.



We wish you a lot of fun with the fuselage!

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