

# ROBAN

## Instruction manual

Scale Fuselage EC 135

450 size



### 1. INTRODUCTION

Thank you for buying Roban Model products. The 450 size EC-135 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 450 Helicopter series use. You can easily put it on your T-REX 450 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.

#### **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:**

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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.

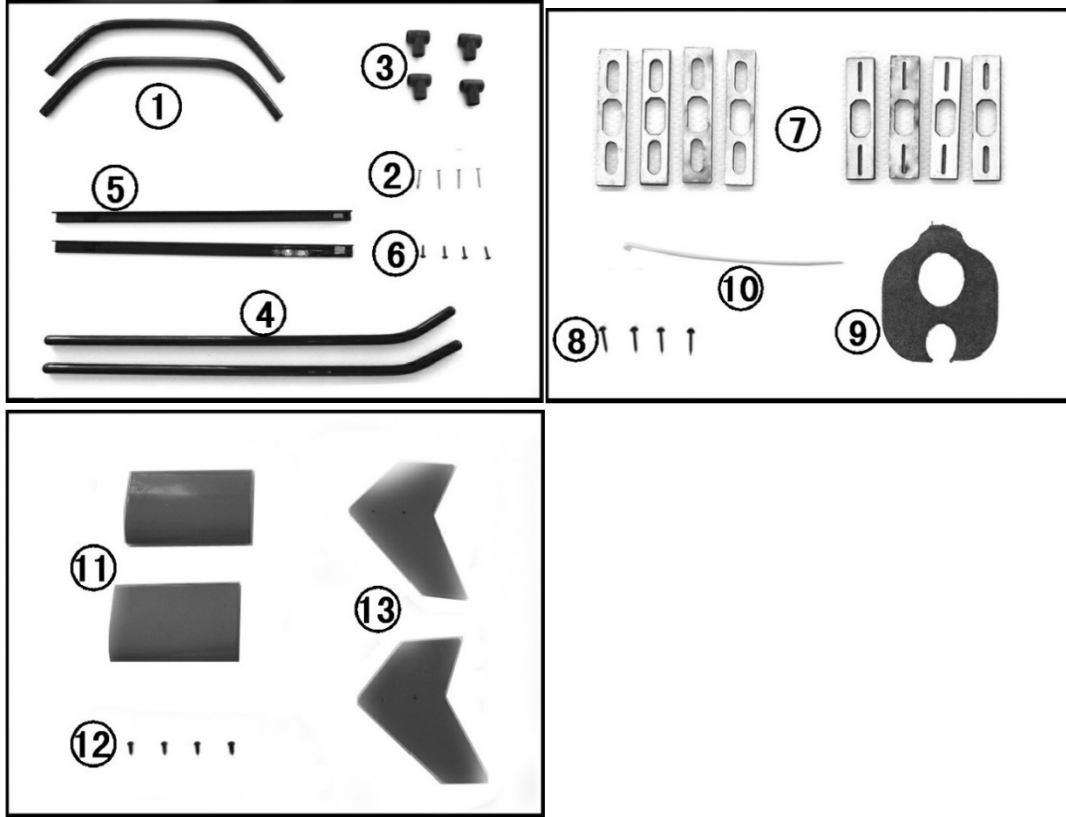
### **Pilot Responsibility:**

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-connectors	x4
4	Landing gear skids	x2
5	Step plates	x2
6	Screw A2x10	x4
7	Washers: 3x12x50/56	x1
8	Screw A2x12	x4
9	EVA tail tube support	x1
10	Cable ties 2x145	x1
11	Horizontal tail unit	x2
12	Screw A2x5	x4
13	Vertical tail unit	x2

## REQUIRED TOOLS / CONSUMABLES

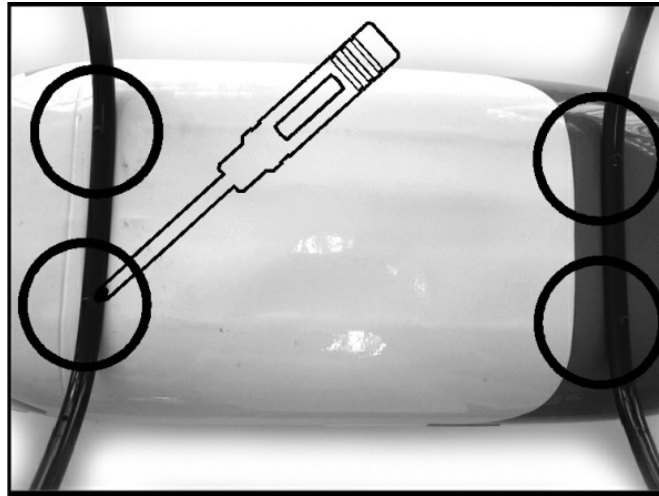
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<b>Tool No.</b>	<b>Tool/Consumable</b>
1	Hobby knife
2	Allen wrench
3	Phillips screwdriver
4	File
5	Side cutters
6	Silicone adhesive
7	Super glue
8	2K Epoxy glue
9	Fine sandpaper
10	Scissors

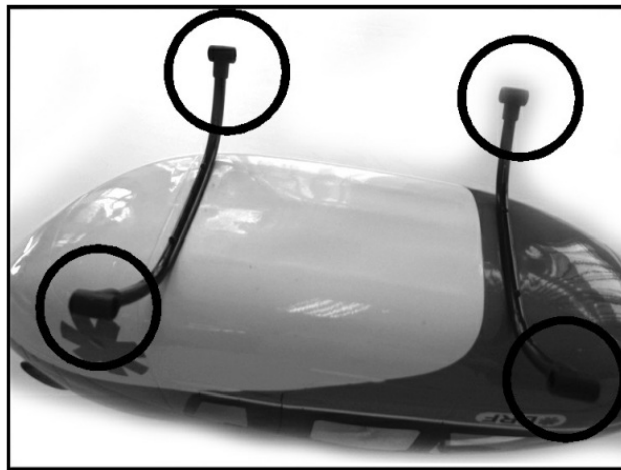
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## 4. INSTALLATION

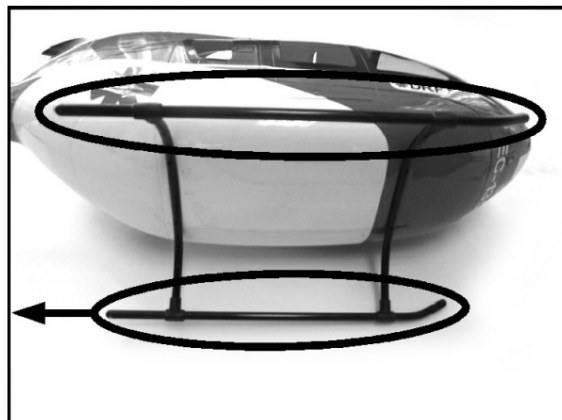
- 4.1. Attach the landing gear struts using 4 pieces of Screw A2x12 as shown.



- 4.2. Attach the 4 T-connectors as shown.

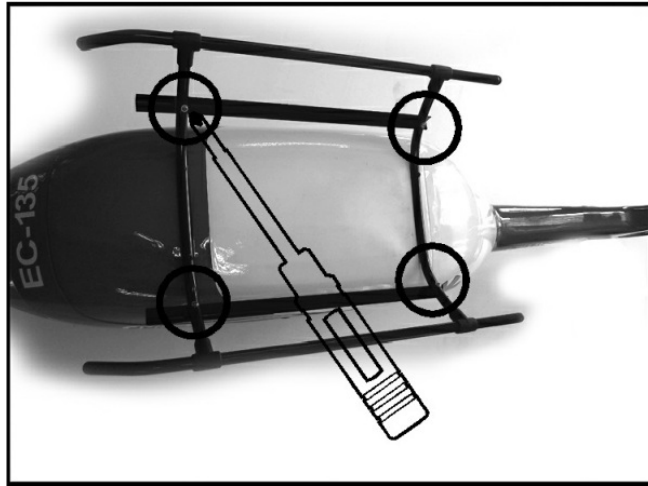


- 4.3. Insert the skids. Align them and glue them in place.

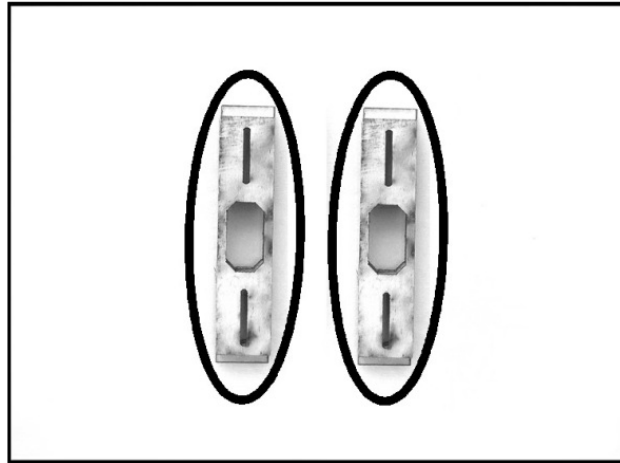


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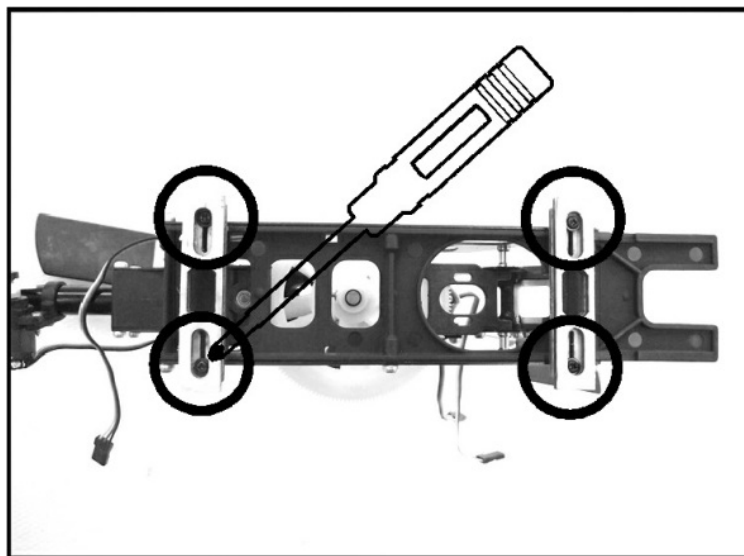
- 4.4. Attach the step plates using 4 pieces of Screw A2x10 as shown.



- 4.5. Glue the washers as shown.

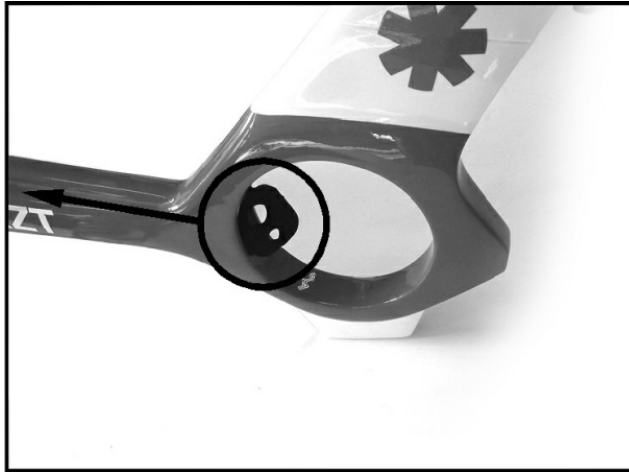


- 4.6. Mount the washers to the mechanics with 4 screws A2x12.



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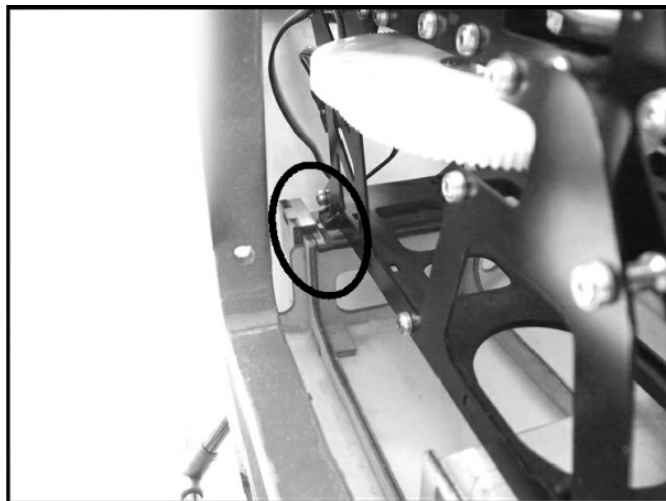
- 4.7. Install the rubber in the tail.



- 4.8. Insert the mechanics.

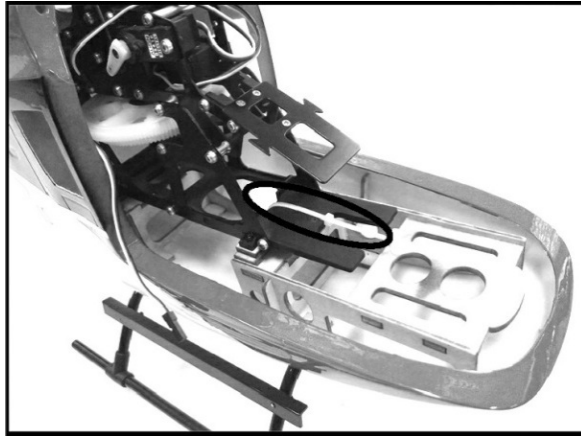


- 4.9. The wooden adapters must be inserted into the detent.

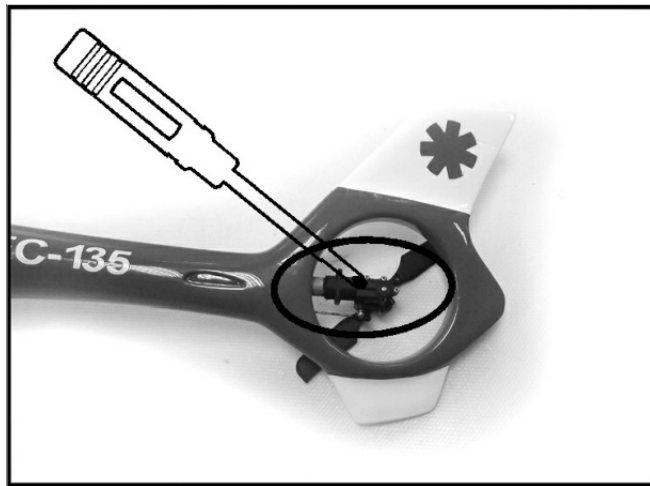


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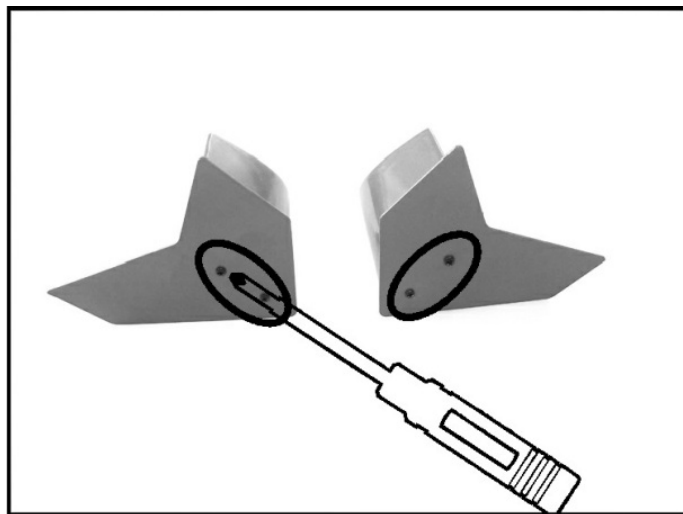
- 4.10. Secure the front section with cable ties as shown.



- 4.11. Install the tail propeller.



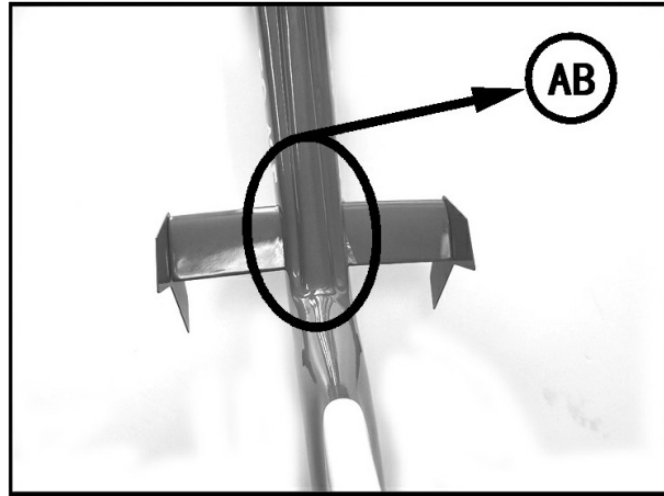
- 4.12. Mount the tail units using 4 pieces of Screw A2x5.











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4.13. Glue the tail units with epoxy adhesive.



## 5. SPAREPARTS LIST

EC450PJ001		450EC-135 前 头	450 EC-135 canopy
EC450PJ002		450EC-135 平 垂尾	450 EC-135 tail wing set
EC450PJ003		450EC-135 脚 架组	450 EC-135 landing gear
EC450PJ004		450EC-135 脚 踏	450 EC-135 foot rest
EC450PJ005		450EC-135 固 定件	450 EC-135 mounting hardware
EC450PJ006		450EC-135 水 印	450 EC-135 decal set

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## 6. ILLUSTRATION OF READY MOUNTED HELICOPTER



### Specifications:

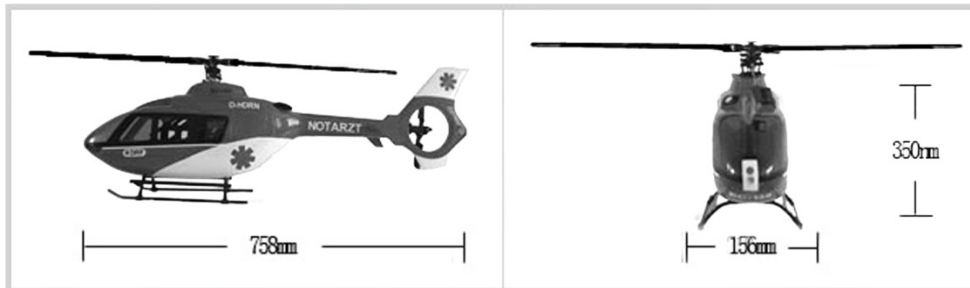
Length: 758mm

Height: 350mm

Width: 156mm

Weight: 385g

Suitable for Align TREX450 und similar mechanics



We wish you a lot of fun with the fuselage!

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