

# ROBAN

## Instruction manual

Scale Fuselage MD500D/E

500 size



### 1. INTRODUCTION

Thank you for buying Roban Model products. The 600 size MD500D/E 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 600 Helicopter series use. You can easily put it on your T-REX 600 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:**



# ROBAN

## CONTENTS

Item No.	Description	Quantity
1	Landing gear struts	x2
2	Landing gear skids	x2
3	Set screw M3x4	x4
4	Washer 3x19x53	x10
5	Mounting bracket	x2
6	Screw A2x10	x6
7	Screw A3x10	x2
8	Screw M2x12	x4
9	Washer M2.5	x4
10	EVA rear rubber	x1
11	Tail fin	x1
12	Screw M2.5x125	x2
13	Washer M2.5	x2
14	Tail unit	x1
15	Upper washer	x2
16	Front washer	x2
17	Rear washer	x2

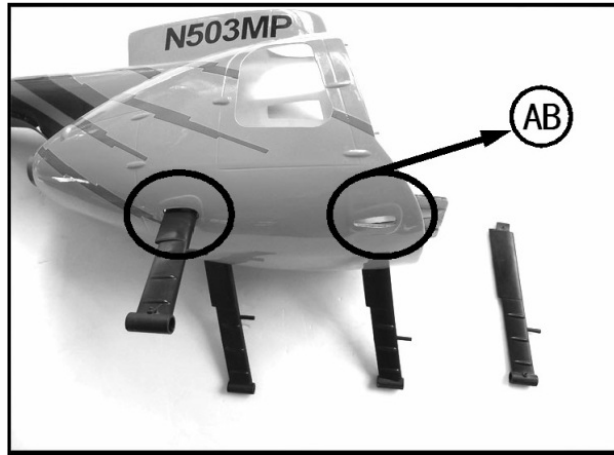
## REQUIRED TOOLS / CONSUMABLES

Tool No.	Tool/Consumable
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

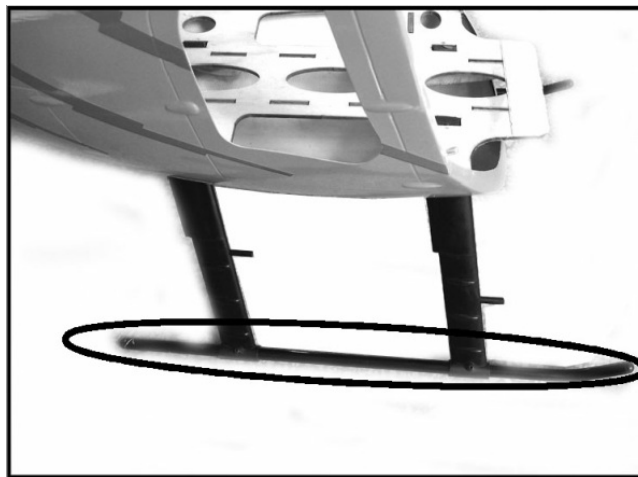
# ROBAN

## 4. INSTALLATION

- 4.1 Attach the landing gear struts using epoxy adhesive from the inside as shown.



- 4.2 Assemble the skids as shown and glue them together.

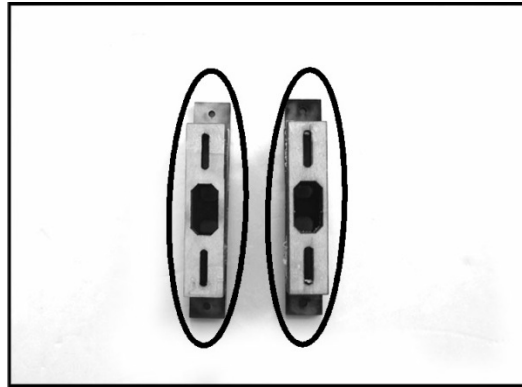


- 4.3 Remove any excess plastic with a hobby knife.

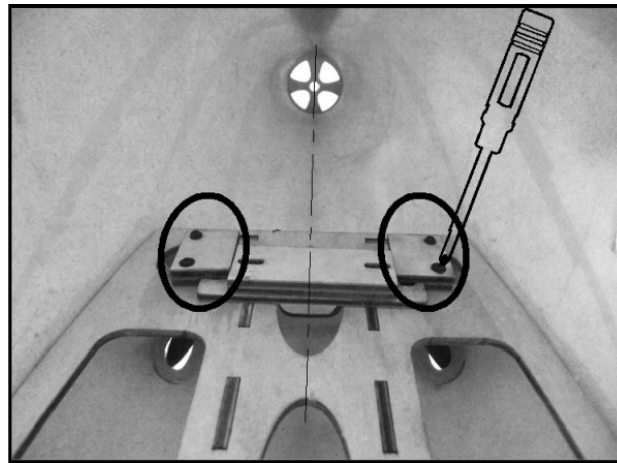


# ROBAN

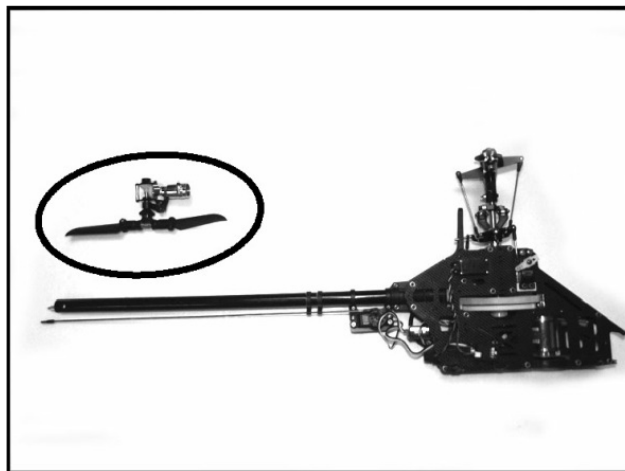
- 4.4 Glue the washers as shown.



- 4.5 Install the mounting bracket as shown with 4 pieces of Screw A2x10.



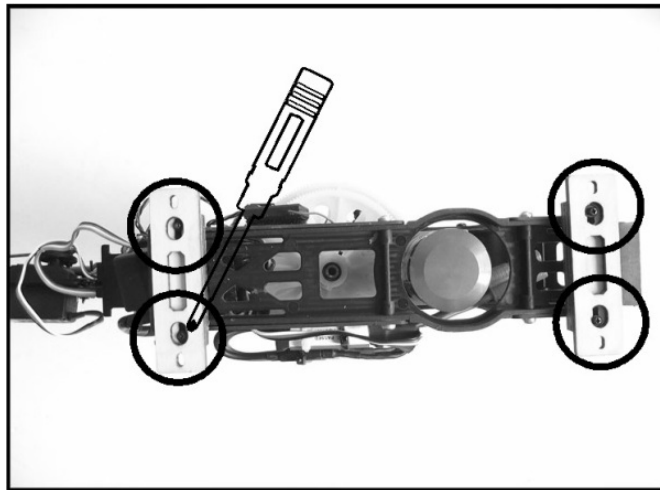
- 4.6 Remove the tail rotor from the mechanism.



Note: The rear stack of washers is fixed to the mechanism. When installing the mechanism, this is pushed into the bracket since the screws are very difficult to access once the mechanism is installed. Make sure that the brackets are mounted correctly to allow the insertion of the stack of washers.

# ROBAN

4.7 Install the washers.



4.8 Insert the mechanism.

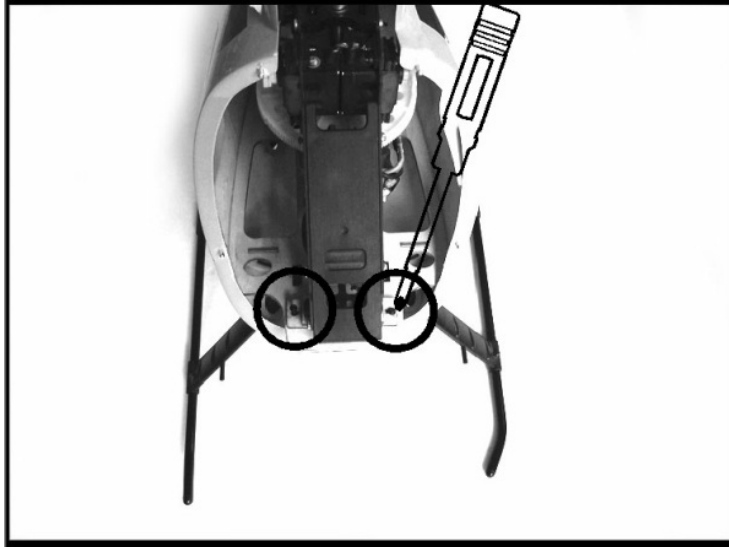


4.9 The wooden adapter must be inserted into the detent.

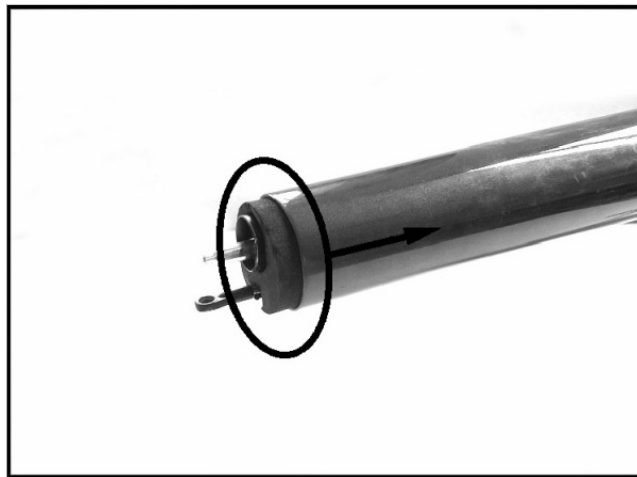


# ROBAN

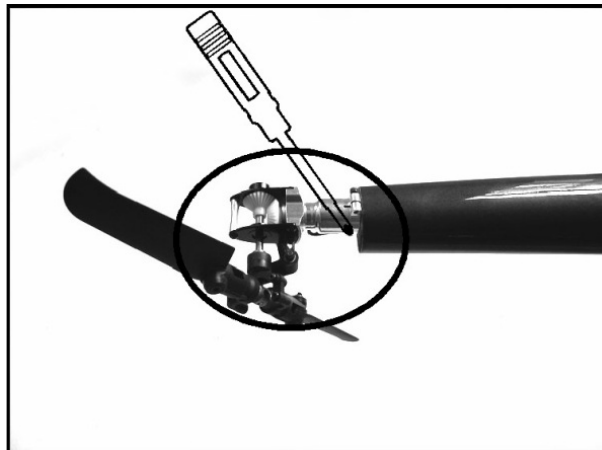
4.10 Secure the front section with 2 pieces of Screw A2x10 as shown.



4.11 Install the rear rubber.

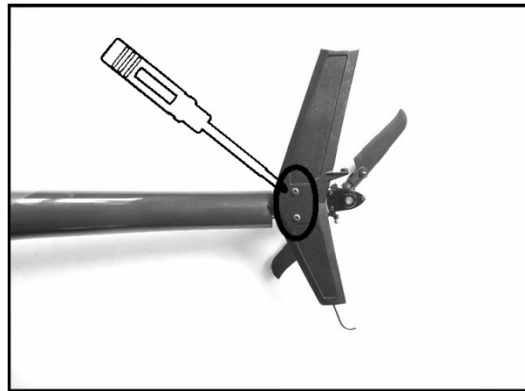


4.12 Install the tail rotor.

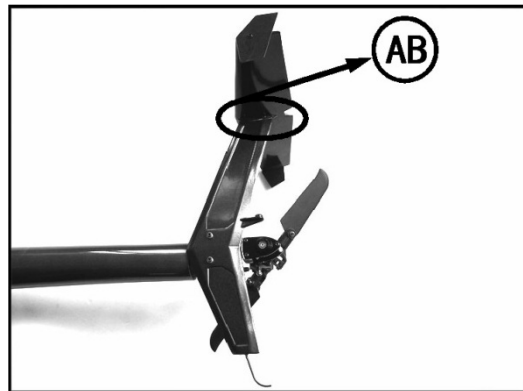


# ROBAN



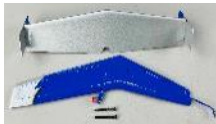

4.13 Install the tail fin with a screw.



4.14 Glue the tail unit with epoxy resin adhesive as shown.



## 5. SPAREPART LIST

HSB- MD500GJB-E	MD500EPJ001		500MD500E 前 头	500 MD500E canopy
	MD500EPJ002		500MD500E 侧 窗	500 MD500E window set
	MD500EPJ003		500MD500E 平 垂尾	500 MD500E tail fins
	MD500EPJ004		500MD500E 脚 架组	500 MD500E landing gear



# ROBAN

	MD500EPJ005		500MD500E 固 定件	500 MD500E mounting hardware
	MD500EPJ006		500MD500E 水 印	500 MD500E decals
HSB-MD500MG	MD500DPJ001		500MD500D 前 头	500 MD500D canopy
	MD500DPJ002		500MD500D 侧 窗	500 MD500D window set
	MD500DPJ003		500MD500D 平 垂尾	500 MD500D tail fins
	MD500DPJ004		500MD500D 脚 架组	500 MD500D landing gear
	MD500DPJ005		500MD500D 固 定件	500 MD500D mounting hardware
	MD500DPJ006		500MD500D 水 印	500 MD500D decals

# ROBAN

## 4. FULLY ASSEMBLED FUSELAGE



### Specifications:

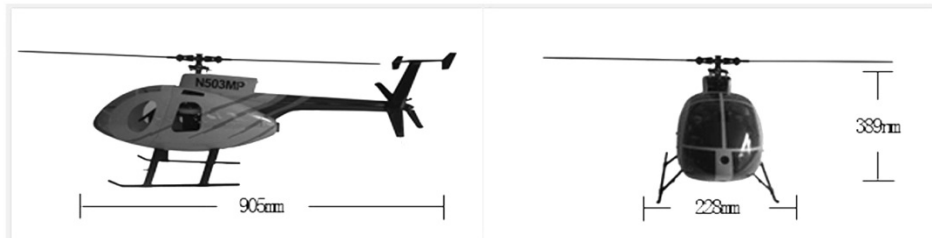
Length: 905mm

Height: 389mm

Width: 228mm

Weight: 625g

Suitable for Align TREX500ESP and derivatives



We wish you a lot of fun with the fuselage!

# ROBAN

Copyright 2024 – [www.robamodel.com](http://www.robamodel.com)