

# ROBAN

## Instruction manual

Scale Fuselage A 109

600 size



### 1. INTRODUCTION

Thank you for buying Roban Model products. The 600 size A-109 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:**

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

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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:

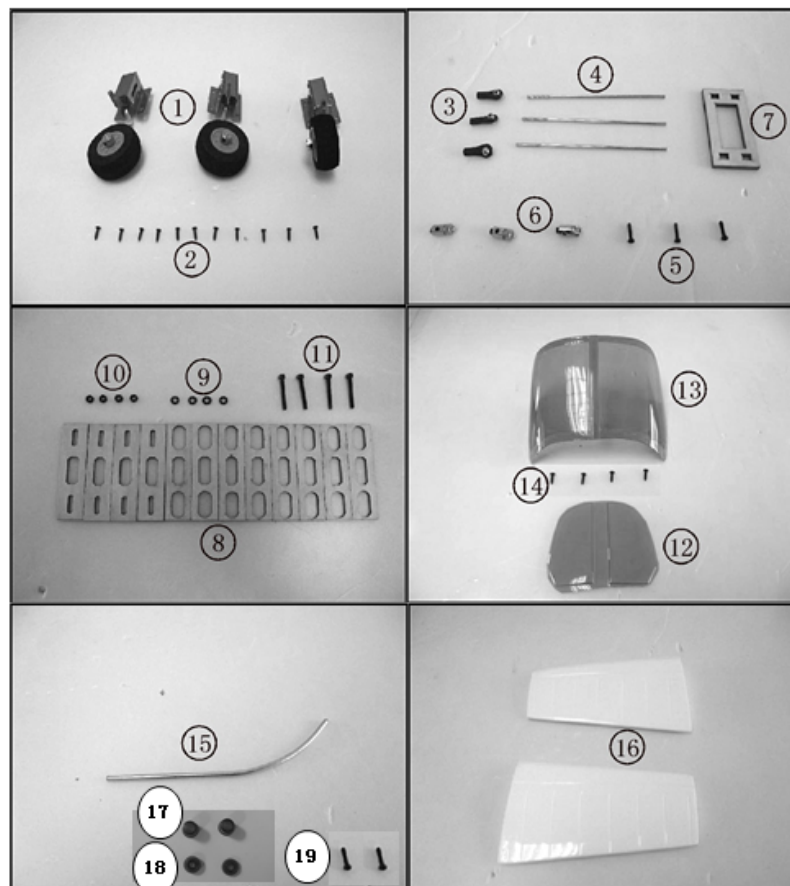
Be aware that R/C aircraft models are susceptible to accidents, malfunctions, and crashes. These may result from a range of factors such as inadequate maintenance, pilot errors, or radio interference. Understanding these risks is crucial for safe operation.

### 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.

## 3. CONTENTS OF KIT

Please check the contents of the kit prior to installation.



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## CONTENTS

Item No.	Description	Quantity
1	Landing gear	x3
2	Screw A2x8	x12
3	Ball joint connectors	x3
4	Linkages	x3
5	Screw M2x8	x3
6	Linkage connectors	x3
7	Servo mount	x1
8	Washers	x12
9	Washer M3	x4
10	Nut M2	x4
11	Screw A2x25	x4
12	Windows	x2
13	Front window	x1
14	Screw A2x5	x4
15	Tail skid	x1
16	Tail unit	x2
17-18	Lamp covers	x4
19	Screw M3x10	x2

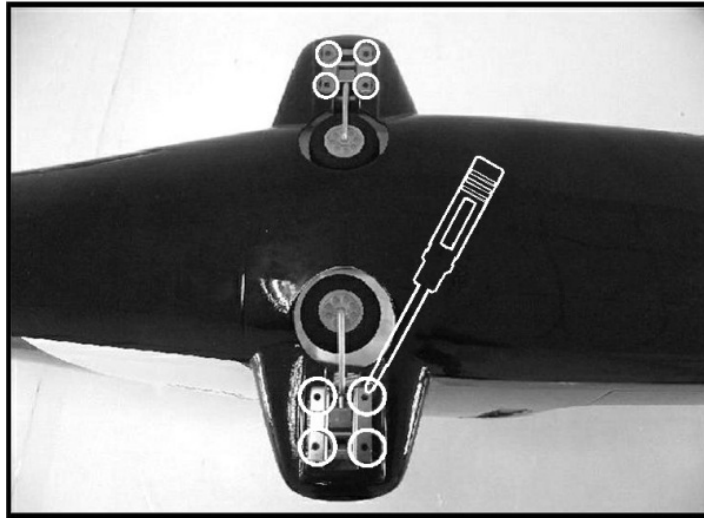
## REQUIRED TOOLS / CONSUMABLES

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
11	20g Servo

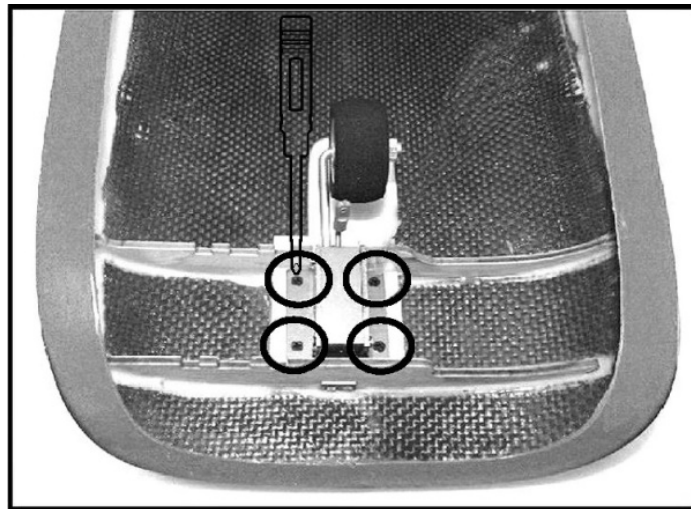
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## 4. INSTALLATION

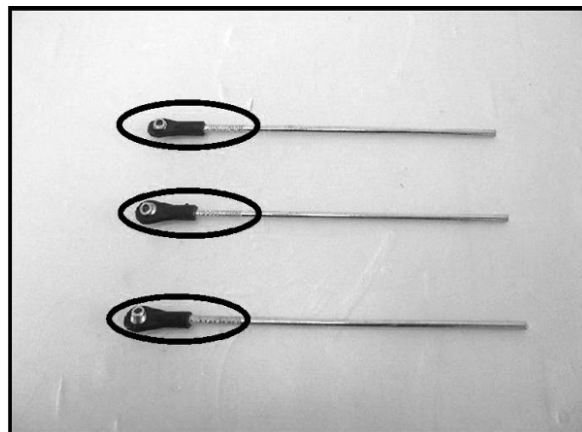
- 4.1 Mount the landing gear with 8 pieces of Screw A2x8 as shown.



- 4.2 Mount the landing gear with 4 pieces of Screw A2x8 as shown.

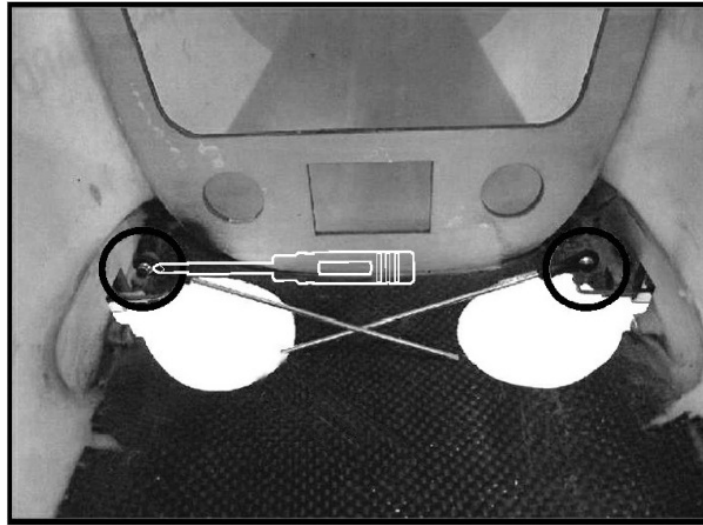


- 4.3 Install the connectors on the linkages as shown.

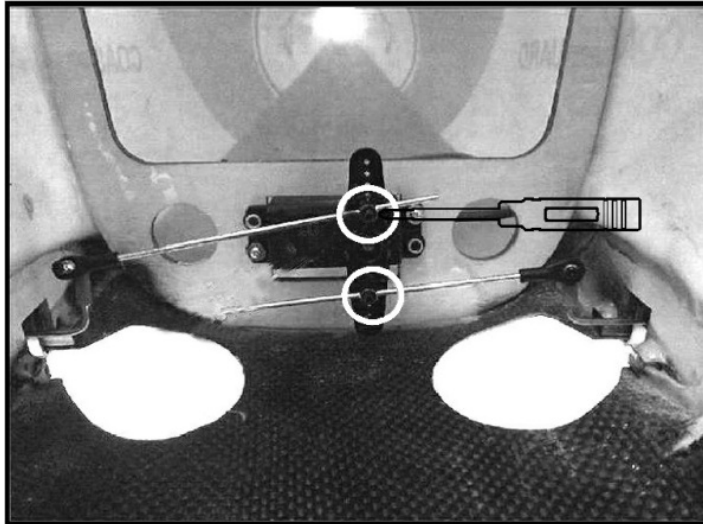


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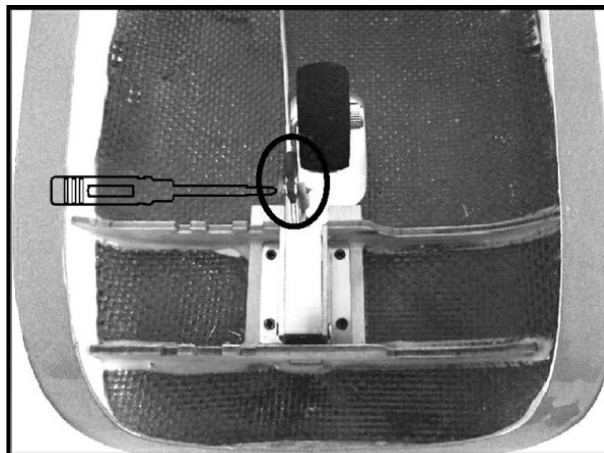
- 4.4 Secure the ball heads with Screw M2x8 as shown.



- 4.5 Install the servo. The linkages should be mounted on the servo levers using the connectors as shown.

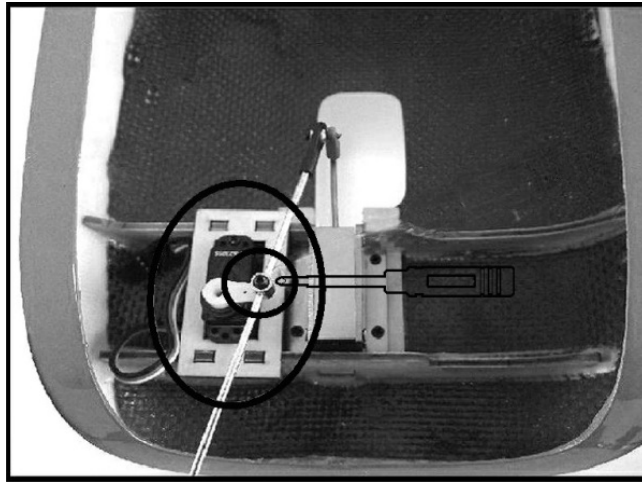


- 4.6 Secure the ball head with Screw M2x8 as shown.

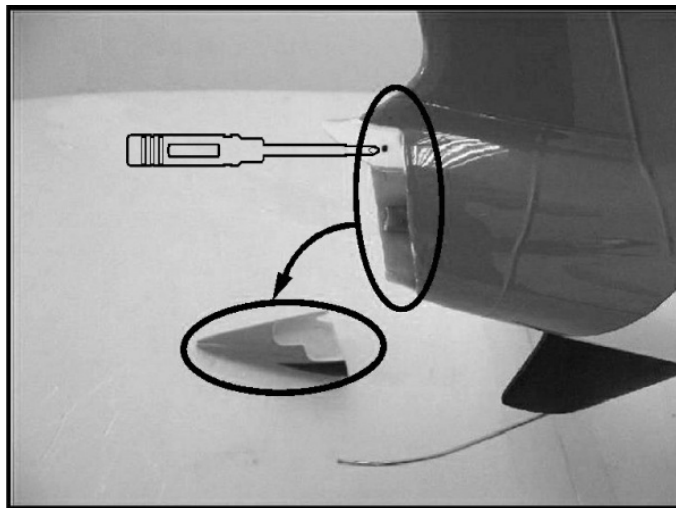


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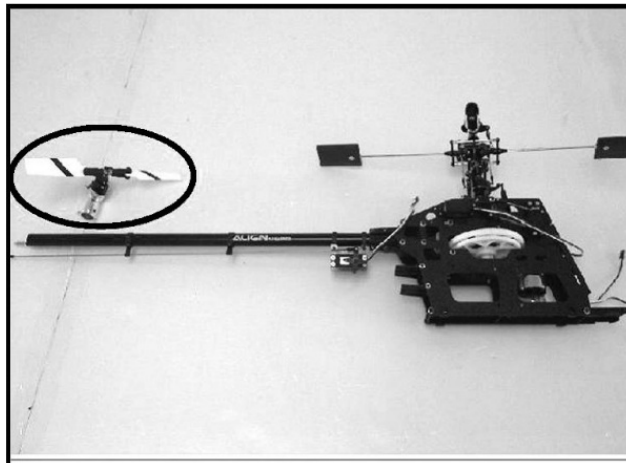
- 4.7 Install the servo. The linkage should be mounted on the servo lever using the connector as shown.



- 4.8 Remove the tail cover as shown.

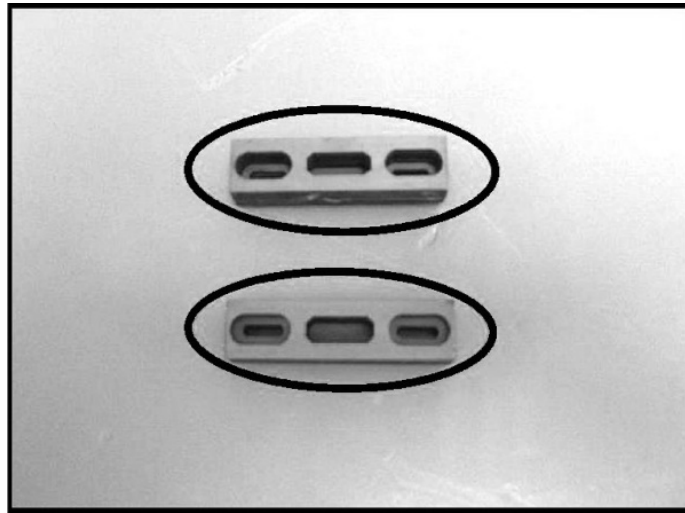


- 4.9 Dismantle the tail rotor as shown.

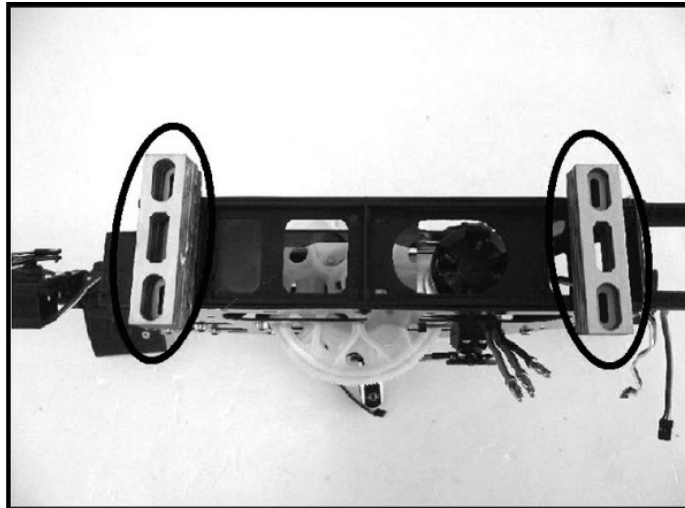


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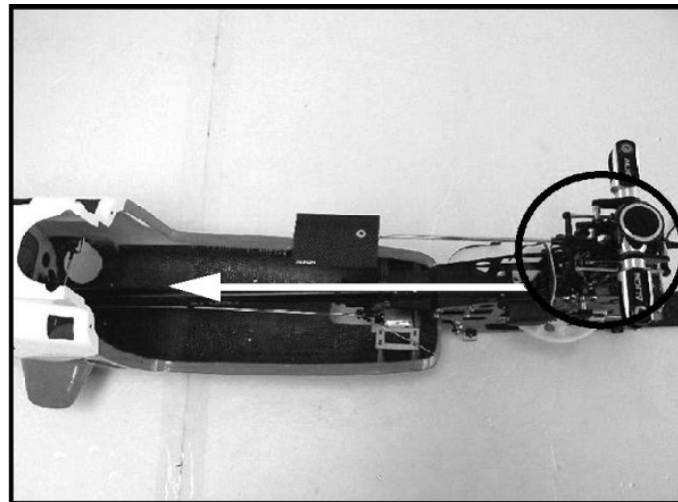
4.10 Glue the washers as shown.



4.11 Install the washers as shown.

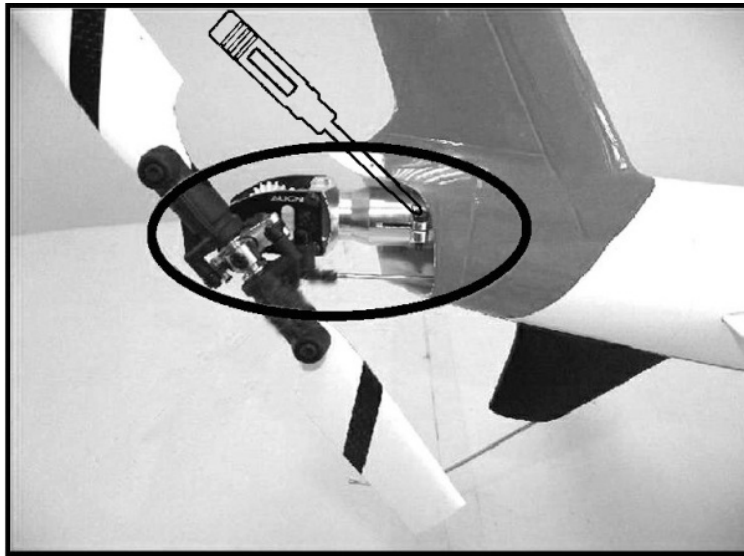


4.12 Insert the mechanism into the fuselage.

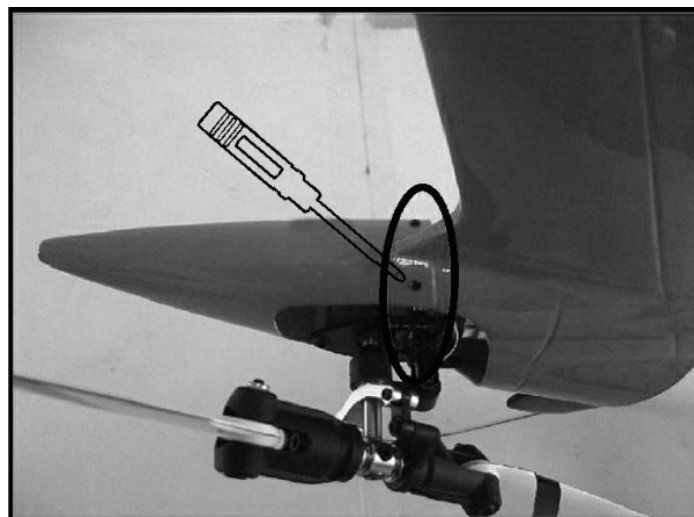


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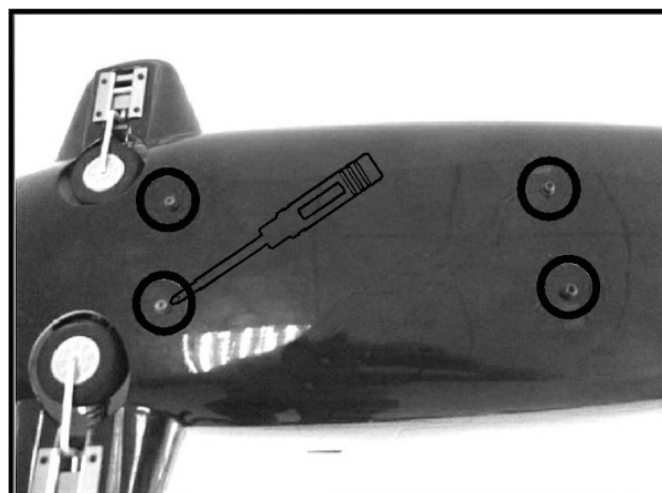
4.13 Install the tail rotor.



4.14 Install the tail cover.



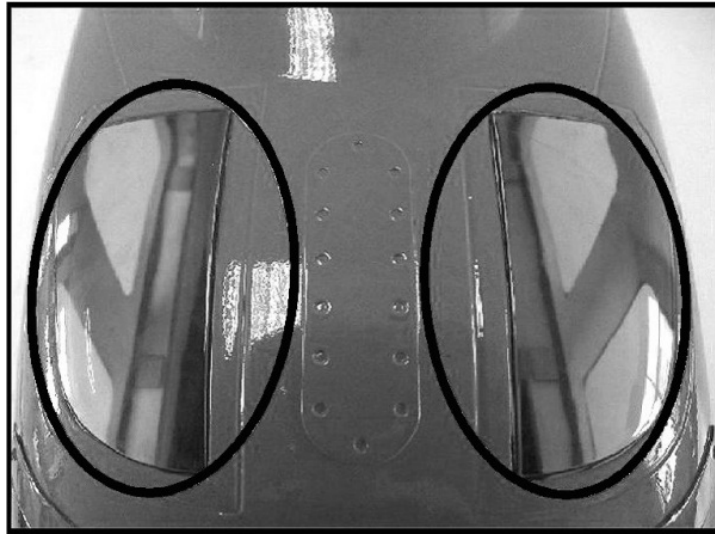
4.15 Mount the mechanics with 4 pieces of Screw M2x25 and Washer M2.



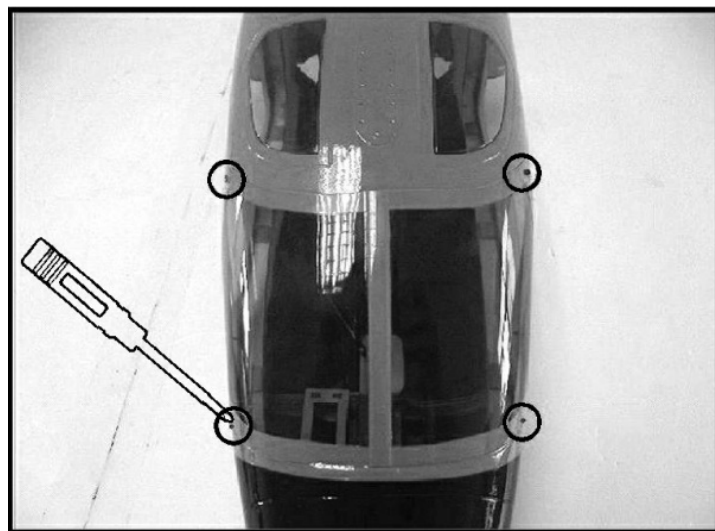


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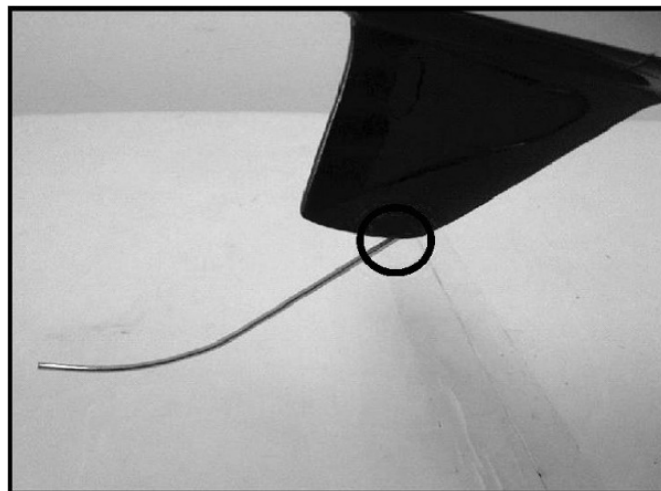
4.16 Glue the windows.



4.17 Secure the front window with 4 pieces of Screw A2x5.

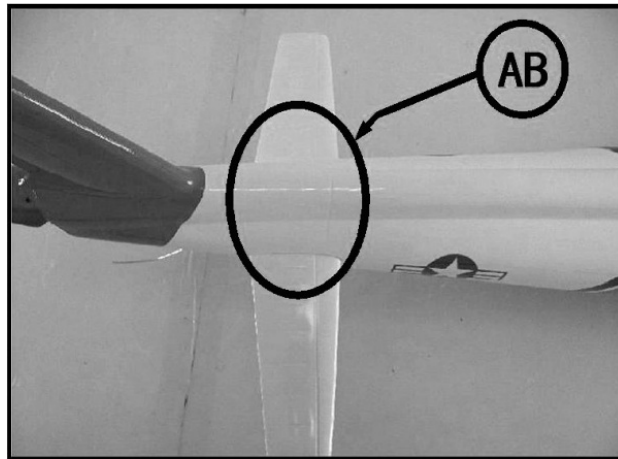


4.18 Glue the tail skid.











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4.19 Glue the tail units with epoxy resin adhesive.



## 5. SPAREPART LIST

HSB-AS600SHS	AS600PJ001		600AS350 前 头含门	600 AS-350 canopy
	AS600PJ002		600AS350 前 窗	600 AS-350 front window
	AS600PJ003		600AS350 全 套窗	600 AS-350 all windows
	AS600PJ004		600AS350 平 尾	600 AS-350 tail wings
	AS600PJ005		600AS350 装 饰件	600 AS-350 antenna set
	AS600PJ006		600AS350 尾 巴固定螺丝	600 AS-350 tail mounting hardware
	AS600PJ007		600AS350 脚 踏	600 AS-350 foot step
	AS600PJ008		600AS350 脚 架组	600 AS-350 landing gear

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	AS600PJ009		600AS350 水 印	600 AS-350 decal set
	AS600PJ010		600AS350LED 灯	600 AS-350 light kit
	AS600PJ011		600AS350 像 真座椅	600 AS-350 cockpit set

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## 4. FULLY ASSEMBLED FUSELAGE



### Specifications:

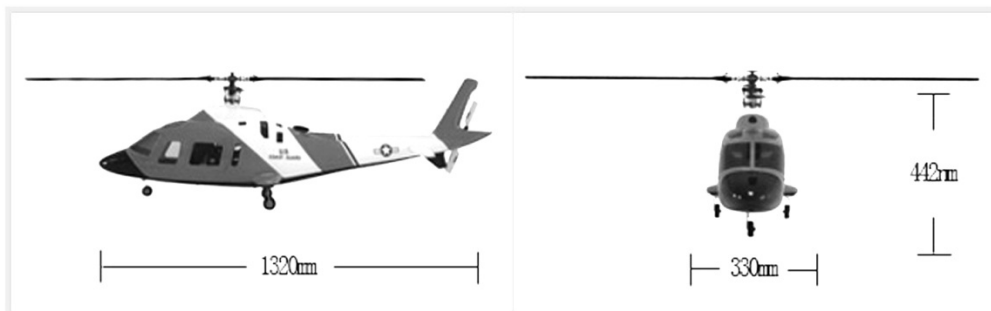
Length: 1320mm

Height: 442mm

Width: 330mm

Weight: 100g

Suitable for Align TREX600ESP/EFL/PRO and derivatives



We wish you a lot of fun with the fuselage!

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