

ROBAN

Instruction Manual

Scale Fuselage AH-64

500 size



1. INTRODUCTION

Thank you for buying Roban Model products. The 500 size AH-64 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.

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.

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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.

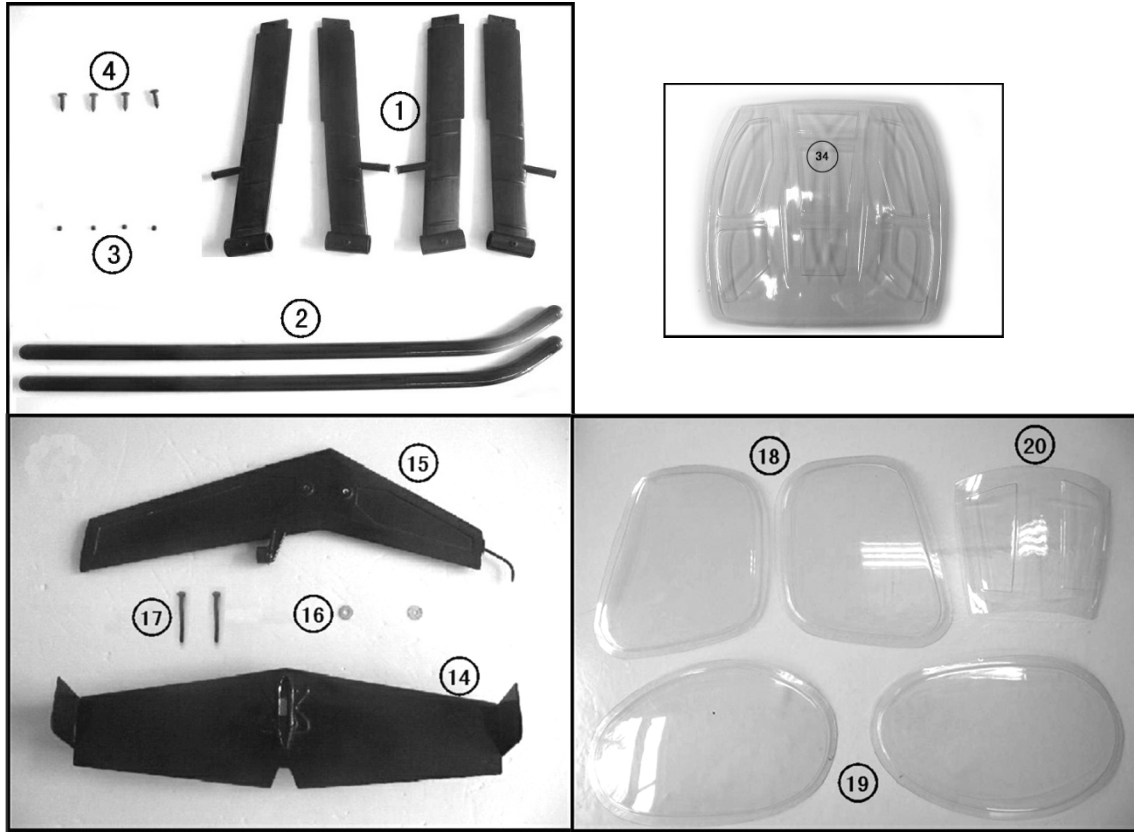


TABLE 1: PARTS LIST

Item Number	German	English
1	Triebwerksgondeln x2	Engine Nacelles x2
2	Luftfilter x2	Air Filters x2
3	Fahrwerk vorne x2	Front Landing Gear x2
4	Schraube A3x14 x2	Screw A3x14 x2
5	Schraube M3x4 x2	Screw M3x4 x2
6	Heckfahrwerk x2	Rear Landing Gear x2
7	Schraube A2x8 x2	Screw A2x8 x2
8	Radardom x1	Radar Dome x1
9	Bolzen 2x45 x1	Bolt 2x45 x1
10	Halter oben x2	Upper Bracket x2
11	Halter mitte x2	Middle Bracket x2
12	Schraube A3x10 x4	Screw A3x10 x4
13	Aufhängung x4	Suspension x4
14	Schraube A2x5 x8	Screw A2x5 x8

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15	Ausleger x2	Outriggers x2
16	Raketenwerfer x2	Rocket Launcher x2
17	Schraube A2x8 x4	Screw A2x8 x4
18	MG Halter x1	Machine Gun Mount x1
19	Montageplatte x1	Mounting Plate x1
20	Holzring x1	Wooden Ring x1
21	Schraube A2x5 x1	Screw A2x5 x1
22	MG x1	Machine Gun x1
23	Hauptrahmen x2	Main Frame x2
24	Heckwelle x1	Rear Shaft x1
25	Hauptzahnradatz x1	Main Gear Set x1
26	Heckumlenkung x1	Rear Steering x1
27	Schraube M2x18 x4	Screw M2x18 x4
28	Mutter M2 x4	Nut M2 x4
29	Beilagscheibe M2	Washer M2
30	Holzhalter x1	Wood Holder x1
31	Leitwerk horizontal x1	Horizontal Tailpiece x1
32	Gummihalter x2	Rubber Holder x2
33	Holzhalter x1	Wood Holder x1
34	Fenstersatz x1	Window Set x1

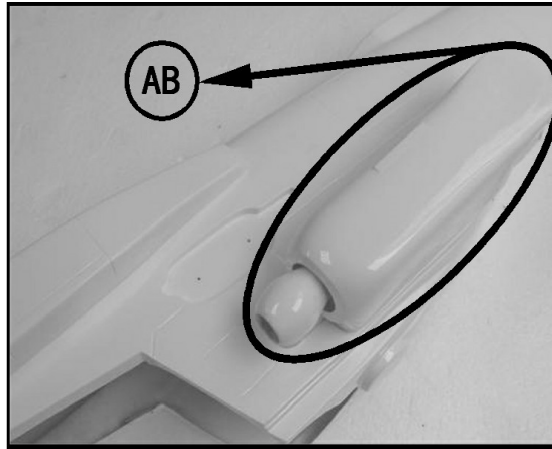
TABLE 2: REQUIRED TOOLS AND MATERIALS

Item Number	German	English
1	Bastelmesser	Craft Knife
2	Inbusschraubendreher	Allen Wrench
3	Phillips-Schraubendreher	Phillips Screwdriver
4	Feile	File
5	Seitenschneider	Side Cutters
6	Silikonkleber	Silicone Adhesive
7	Sekundenkleber	Super Glue
8	2K Kleber	Two-Component Adhesive
9	Feines Sandpapier	Fine Sandpaper
10	Schere	Scissors

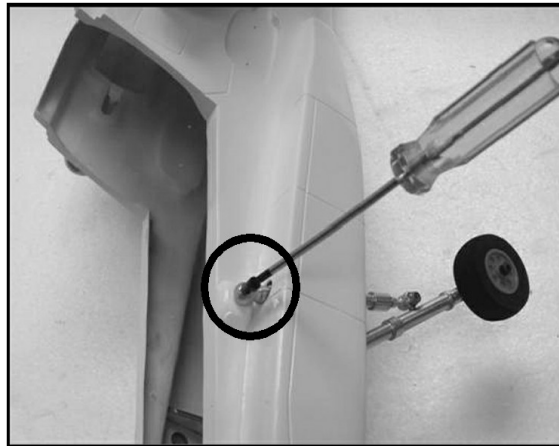
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4. INSTALLATION

4.1 Glue the turbine nacelle into the fuselage as shown.



4.2 Attach the landing gear with 2 pieces of Screw A3x14 as shown.

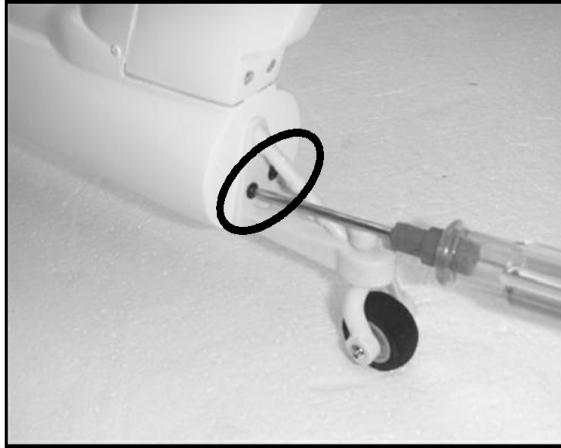


4.3 Attach the landing gear with 2 pieces of Screw A3x14 as shown.

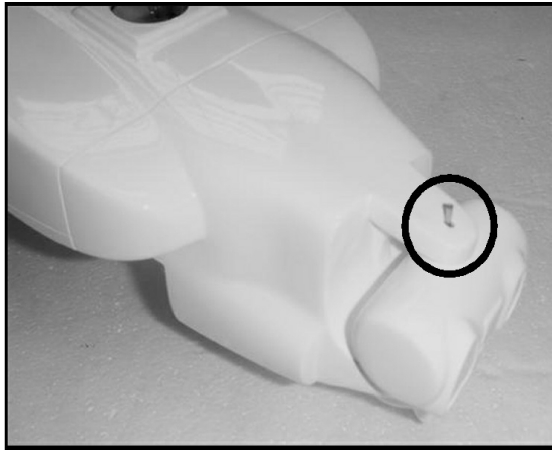


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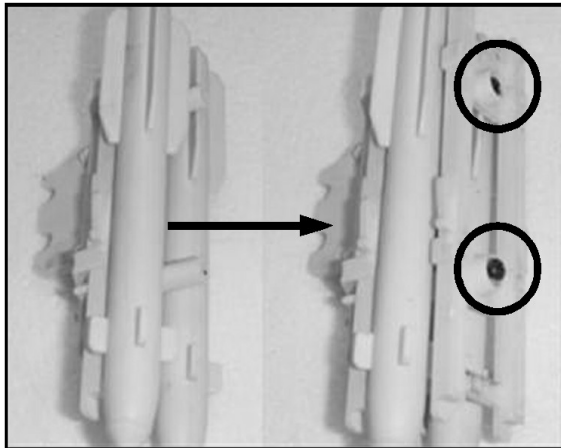
- 4.4 Assemble the rear landing gear with 2 pieces of Screw A2x8.



- 4.5 Attach the radar dome with the bolt as shown.



- 4.6 Glue the rockets, secure them top/bottom with 2x Screw A3x10.

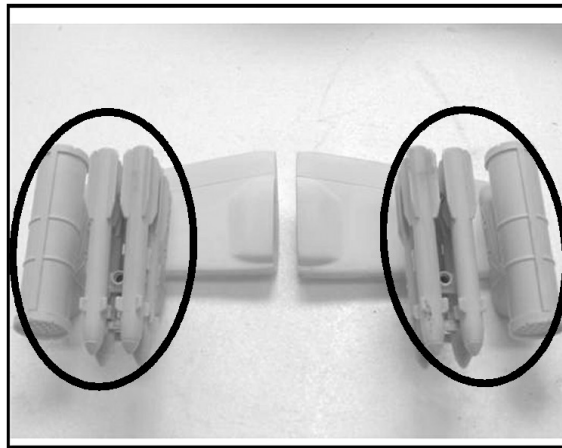


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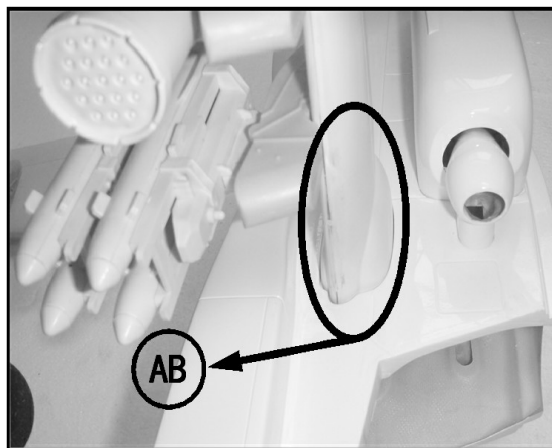
- 4.7 Screw the brackets with 8 pieces of Screw A2x8 onto the outrigger.



- 4.8 Glue the rocket launchers as shown with the brackets.



- 4.9 Glue the outriggers as shown.



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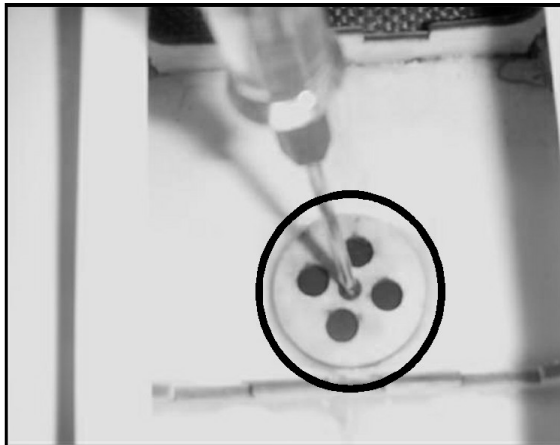
4.10 Additionally secure the outriggers with 4 pieces of Screw A2x8 as shown.



4.11 Assemble the machine gun mount as shown.

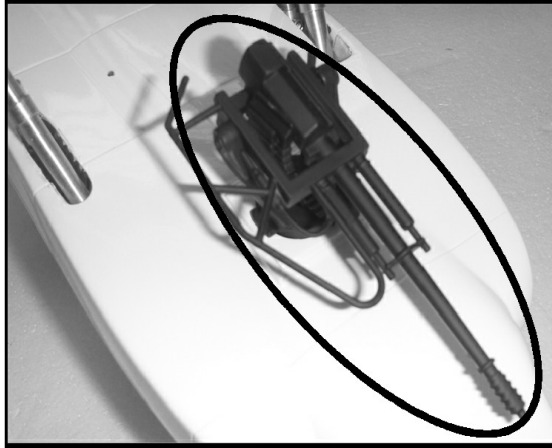


4.12 Secure it with a wooden disc and Screw A2x5 as shown.

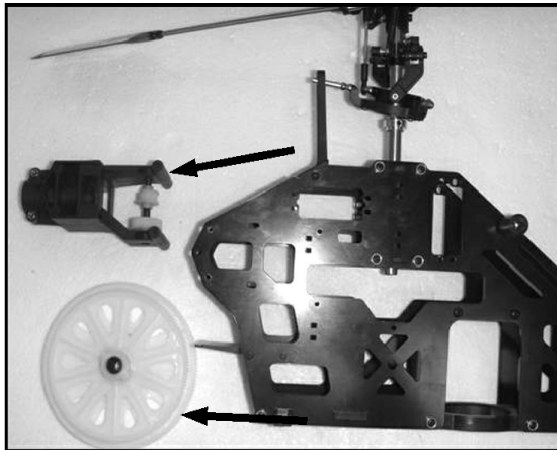


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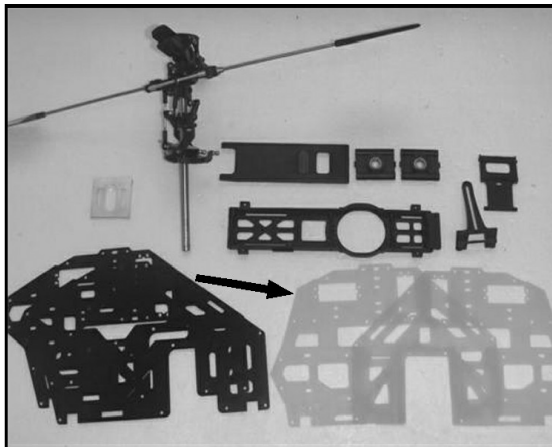
4.13 Insert the machine gun.



4.14 Dismantle the main frame.

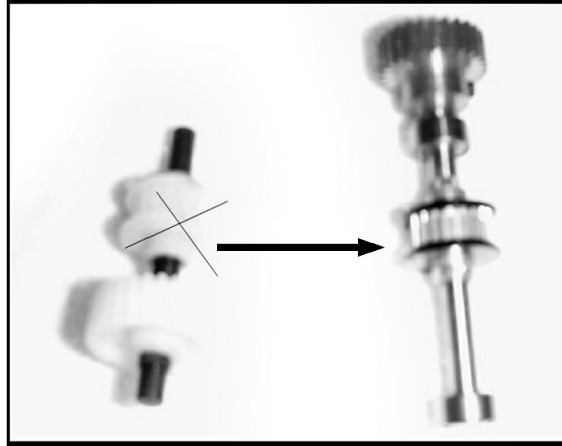


4.15 Replace the frame parts

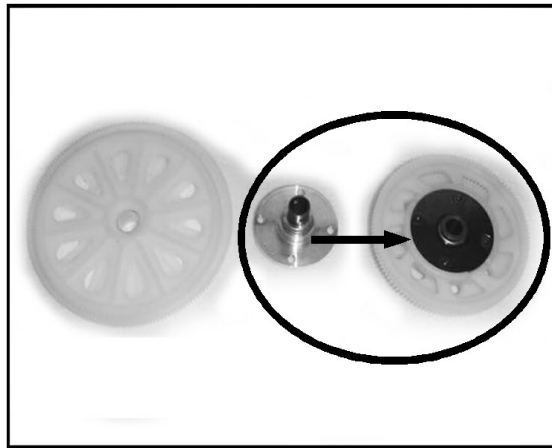


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4.16 Install the new rear shaft



4.17 Install the freewheel into the gear.



4.18 Assemble the tail frame for the elevated tail.

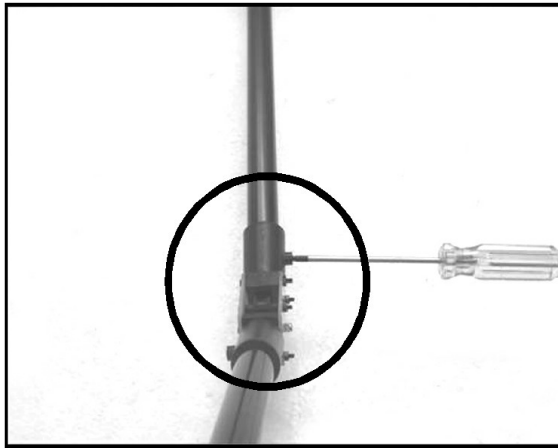


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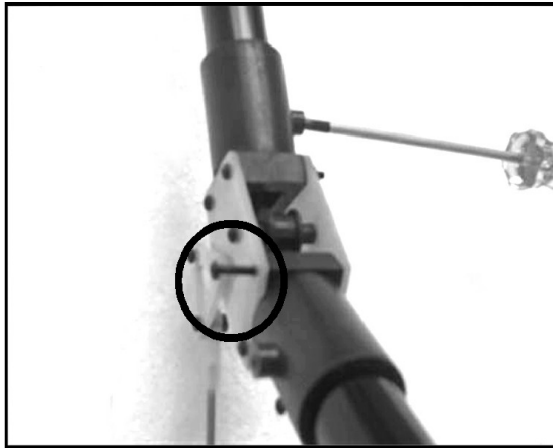
4.19 Assemble the main frame.



4.20 Secure the rear frame.

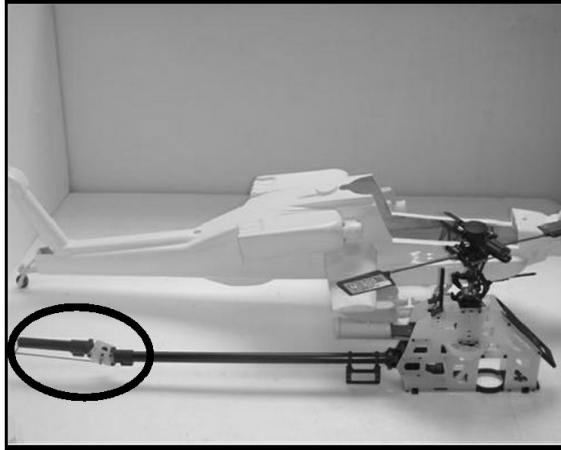


4.21 Loosen the screw.

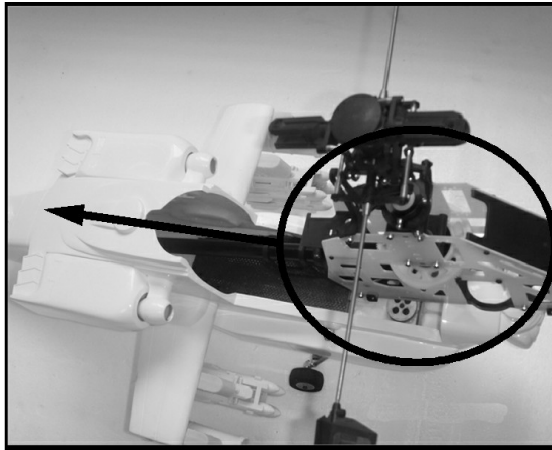


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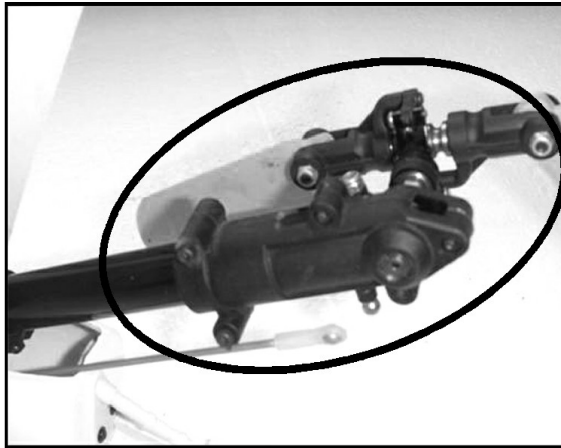
4.22 Tilt the rear downward.



4.23 Insert the mechanics.



4.24 Assemble the rear propeller.

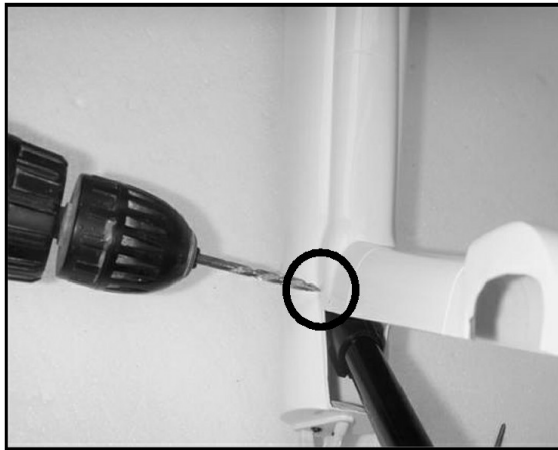


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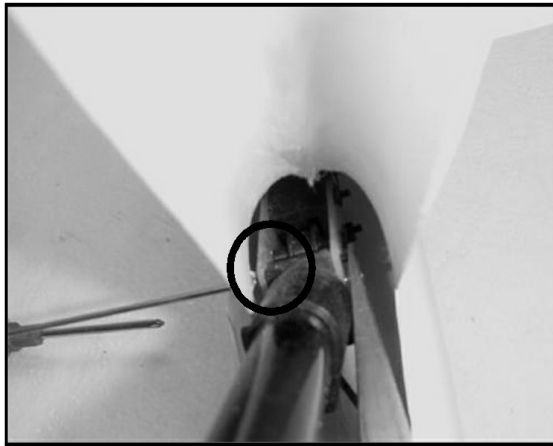
4.25 Secure the screw. Attach the linkage.



4.26 Drill a 5mm hole to tighten the still loose screw.



4.27 Tighten the loose screw.

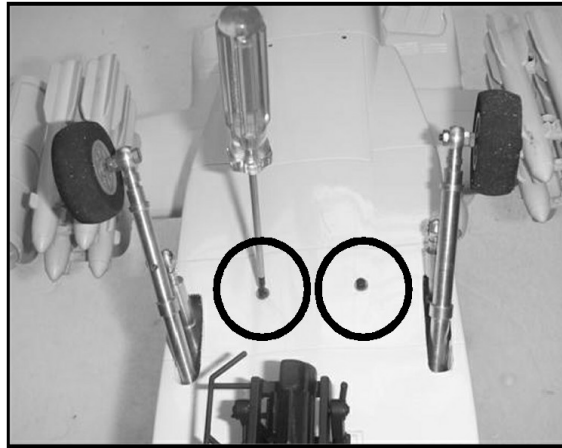


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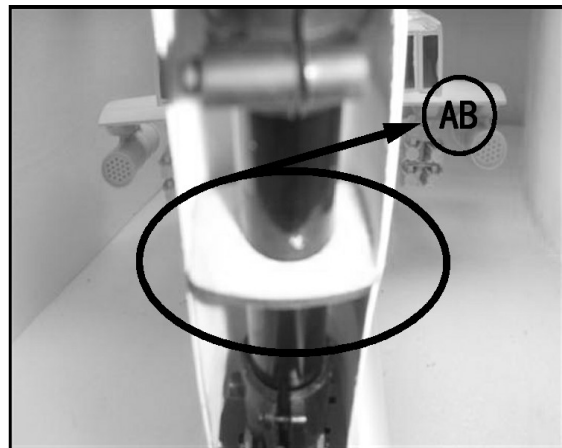
4.28 Attach the linkage.



4.29 Secure the mechanics with 4 pieces of Screw M2x18, nut, and washer. Align the mechanics correctly and pre-drill holes for it (2mm).

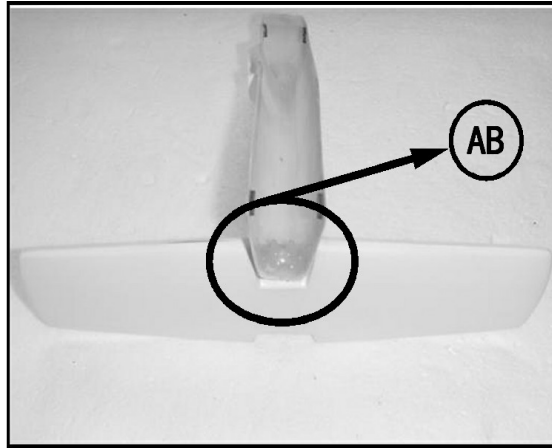


4.30 Glue the rear tube holder in with epoxy adhesive as shown.

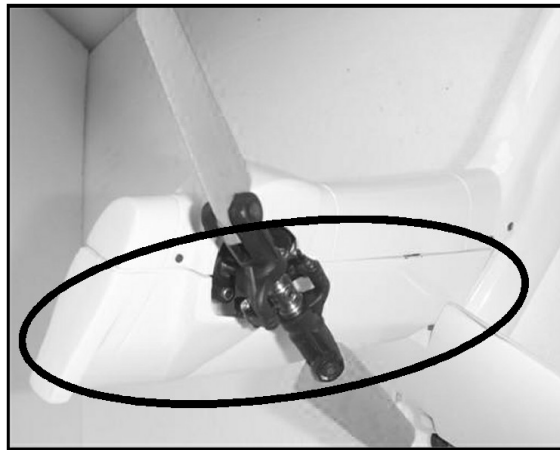


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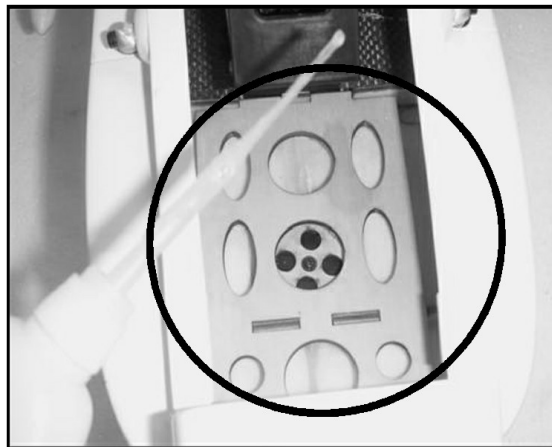
4.31 Assemble the tailpiece with epoxy adhesive as shown.



4.32 Assemble the cover.

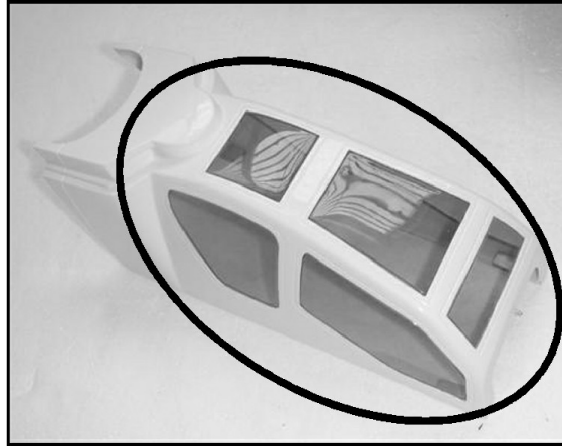


4.33 Glue the battery holder as shown.



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4.34 Glue the window panes as shown.



4. SPAREPART LIST

HSB-AH500GR	AH500PJ001		500AH64 前头 含窗	500 AH-64 canopy
	AH500PJ002		500AH64 前窗	500 AH-64 window set
	AH500PJ003		500AH64 机翼 组	500 AH-64 stub wing set
	AH500PJ004		500AH64 平尾	500 AH-64 tail wing
	AH500PJ005		500AH64 武器	500 AH-64 rocket launcher set
	AH500PJ006		500AH64 机枪	500 AH-64 gun set
	AH500PJ007		500AH64 脚架	500 AH-64 landing gear set
	AH500PJ008		500AH64 齿轮 组	500 AH-64 tail drive gear

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	AH500PJ009		500AH64 侧板	500 AH-64 side frames
	AH500PJ010		500AH64 大齿 轮	500 AH-64 main gear
	AH500PJ011		500AH64 尾波 箱	500 AH-64 elevated tail set
	AH500PJ012		500AH64 水印	500 AH-64 decal set

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5. FULLY ASSEMBLED FUSELAGE



Specifications:

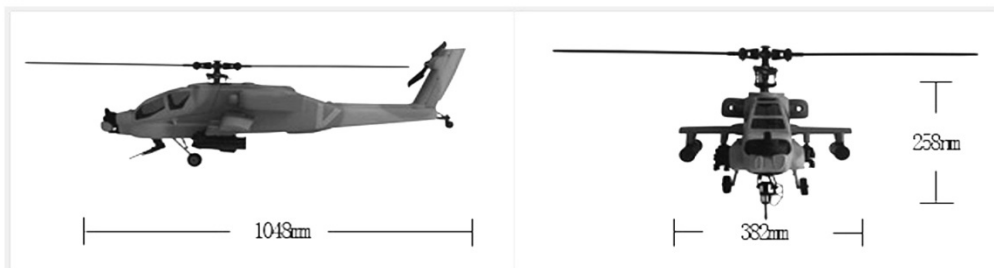
Length: 1048mm

Height: 258mm

Width: 282mm

Weight: 1130g

Suitable for Align TREX500 belt driven tail and clones



We wish you a lot of fun with the fuselage!

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