

ROBAN

Instruction manual

Scale Fuselage B429

600 size



1. INTRODUCTION

Thank you for buying Roban Model products. The 500 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 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.








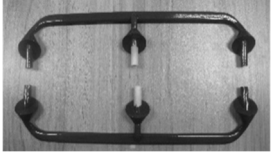
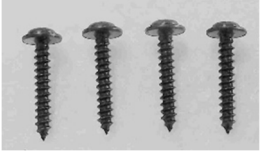



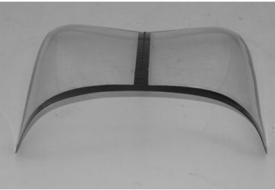

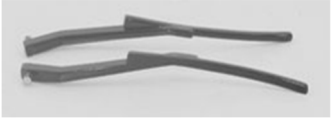
Pilot Responsibility:

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.

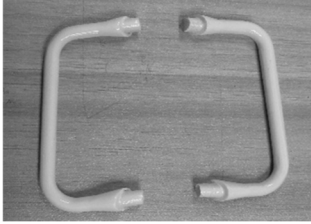


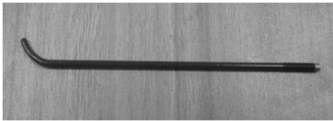




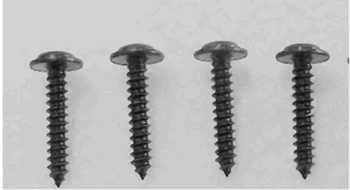








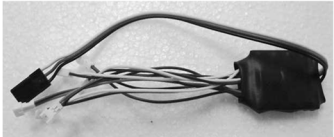
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3. CONTENTS OF KIT

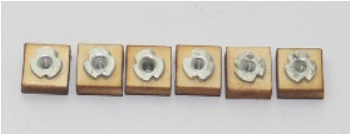


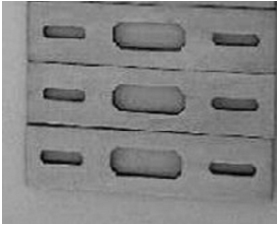


SCOPE OF DELIVERY

 <p>1. Cockpit</p>	 <p>2. Pilot Seats x2</p>	 <p>3. Seat Holder x2</p>
 <p>4. Pitch Stick x2</p>	 <p>5. Cyclic Stick x2</p>	 <p>6. Foot Pedal x4</p>
 <p>7. Landing gear x2</p>	 <p>8. Foot Steps x2</p>	 <p>9. Screw A3x24 x4</p>
 <p>10. Vertical Fin</p>	 <p>11. Small Fin x2</p>	 <p>12. Horizontal Wing x2</p>
 <p>13. Front Window</p>	 <p>14. Antenna x2</p>	 <p>15. Windshield Wiper x2</p>

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16. Antenna x2	17. Antenna	18. Pitot Tube x2
		
19. Tail Distancer x2	20. Screw M3x20 x2	21. Screw M3x14 x2
		
22. Screw A1.7x6 x4	23. Screw A2x8 x4	24. Screw A3x14 x4
		
25. Screw A2x12 x4	26. Tail Distancer Rubber	27. L-Lever & Ball Link
		
28. LED Light Red	29. LED Light Green	30. Light Red
		
31. Prolonging 60cm x3	32. Light cap&socket, red	33. LED Controller

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 <p>34. Wooden Nuts x6</p>	 <p>35. Screw M2x8 x6</p>	 <p>36. Mounting blocks x2</p>
 <p>37. Wooden Washers x3</p>	 <p>38. Washer M3 x4</p>	 <p>39. Decal Set</p>
 <p>40. PVC Disc</p>		

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	Expoxide glue 5 min

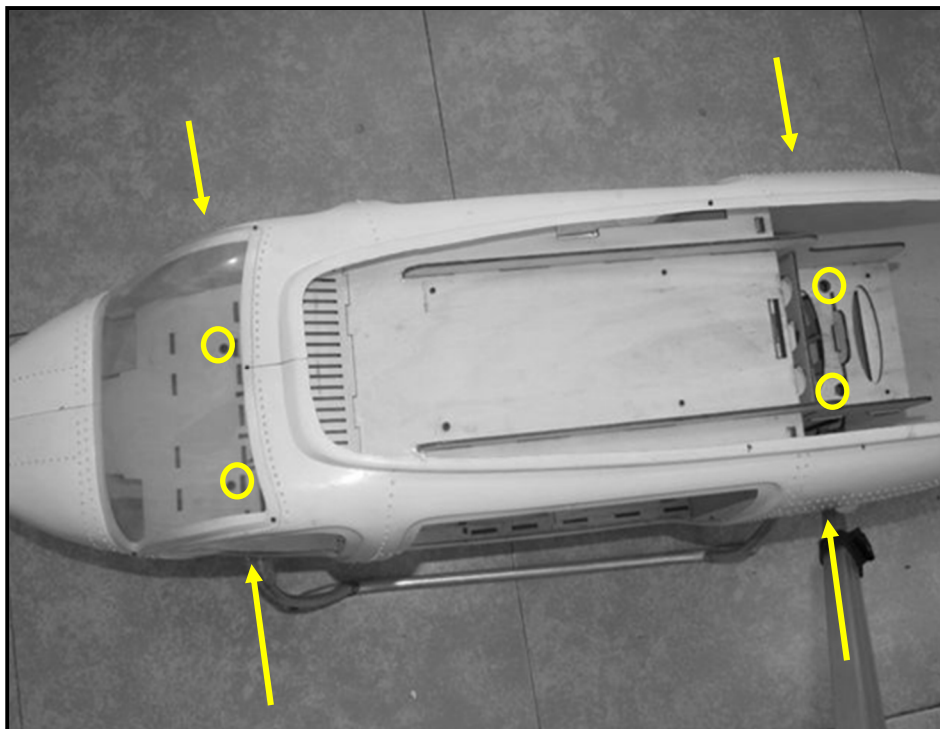
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4. INSTALLATION

- 4.1. Remove the engine nacelle as shown by removing the screws.

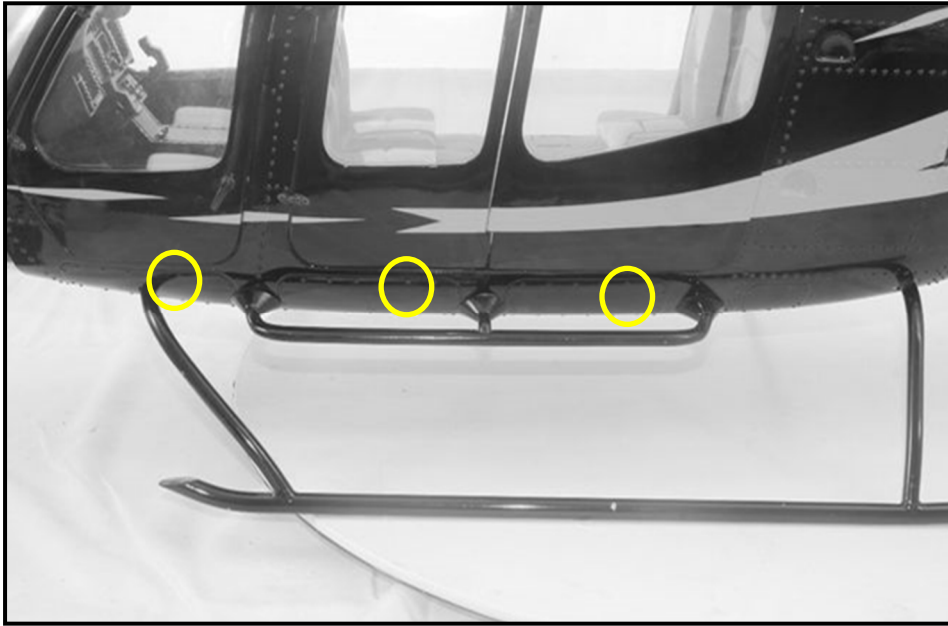


- 4.2. Insert the landing gears (7) and secure them with screws (9) inside the fuselage.

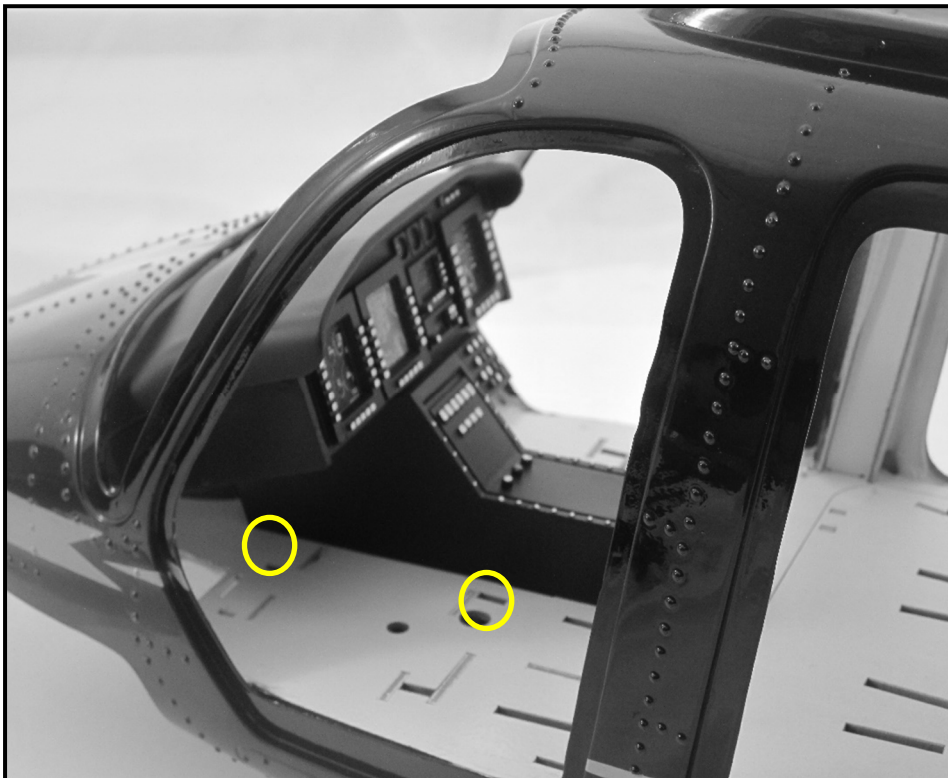


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- 4.3. Glue the footrests (8) into the fuselage as shown with epoxide glue.

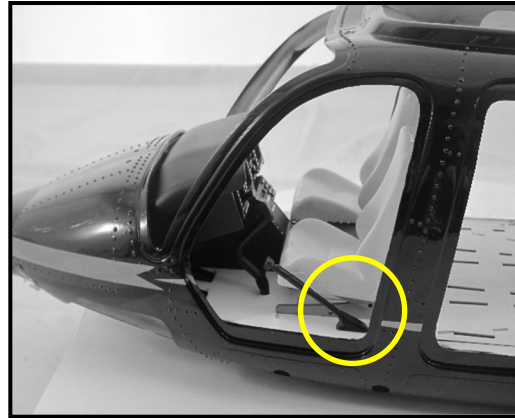
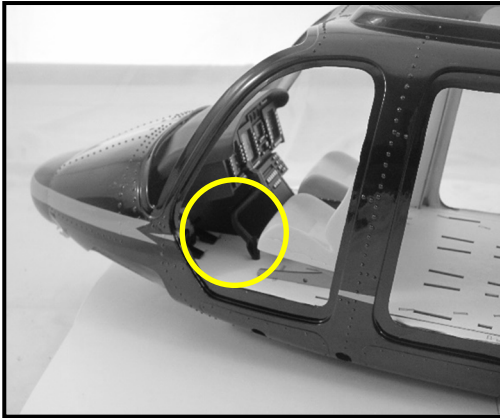
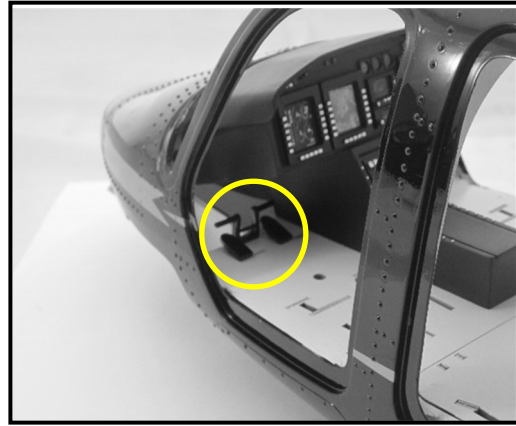
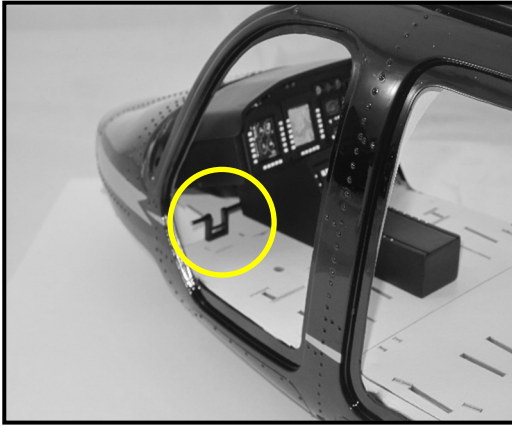


- 4.4. Glue the cockpit (1) with epoxide glue into the floorboard as shown.



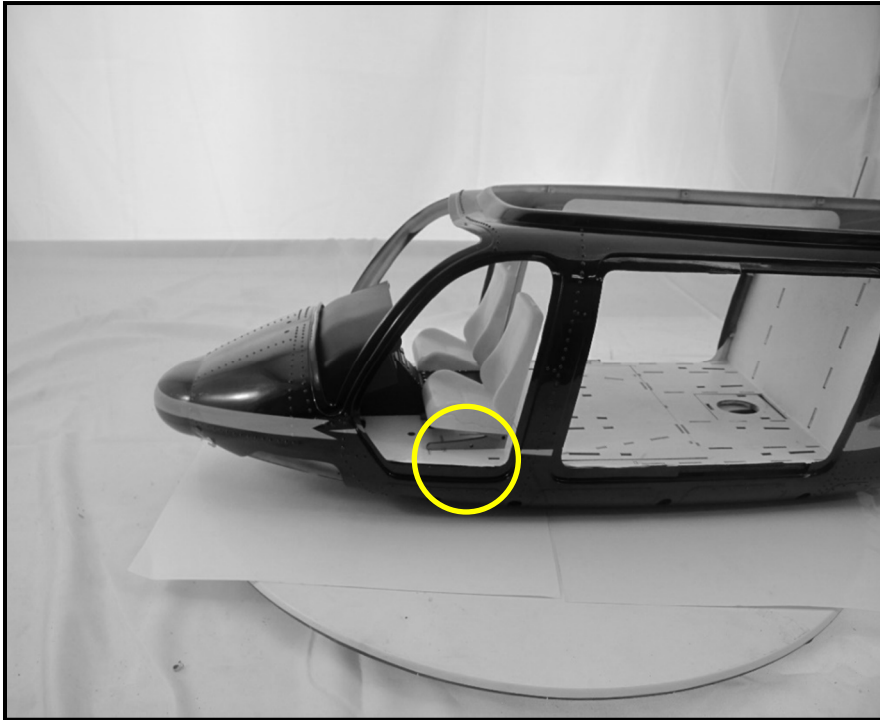
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- 4.5. Glue the pedals (3), footrests (6), cyclic sticks (5) and the pitch stick(4) into floorboard as shown with epoxide glue.

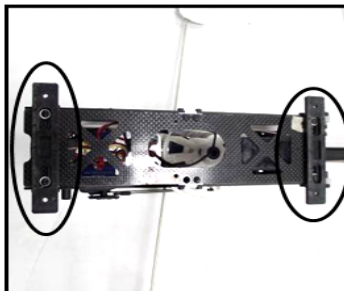


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- 4.6. Glue the seats (2) and the with the seat holders (3) into the floorboard as shown with epoxide glue.

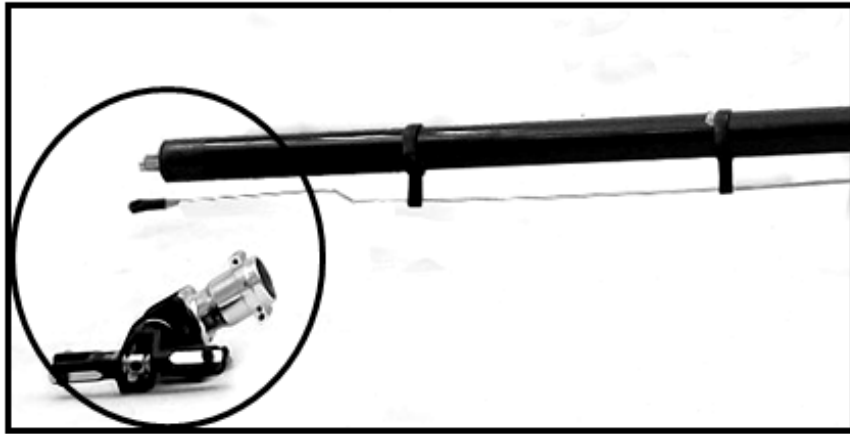


- 4.7. Mount the holders (36) to the mechanic as shown. Do test fly your mechanic before installing it into the fuselage with a 3D landing gear.



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- 4.8. Remove the tail rotor prior to assembly.



- 4.9. Insert the mechanic as shown into the fuselage.

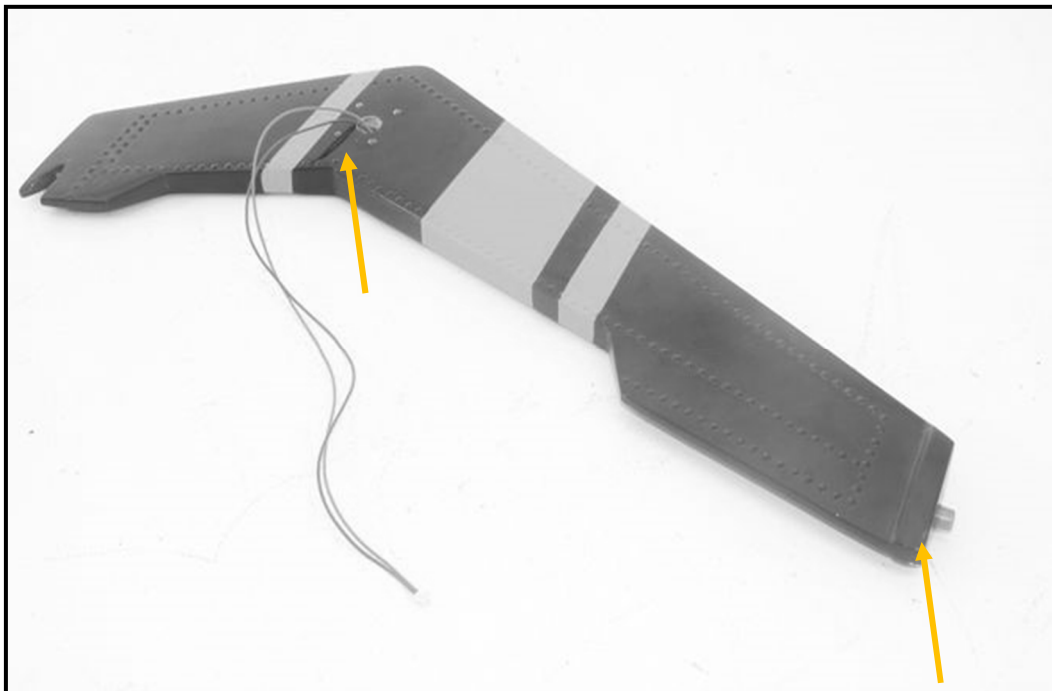


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- 4.10. Add the dampening rubber to the tail boom as shown.

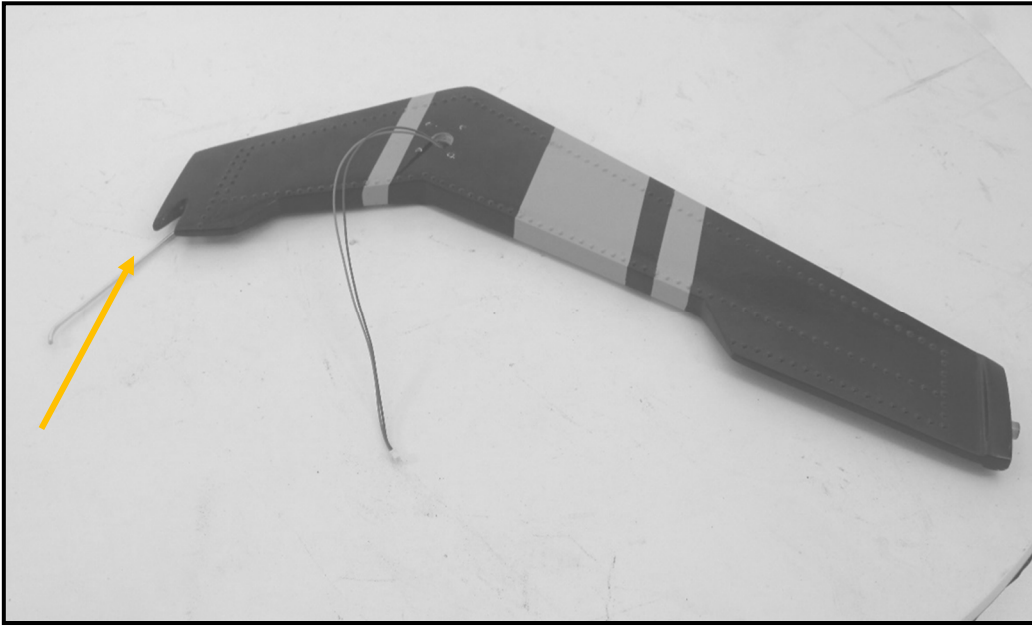


- 4.11. Install the red LED (32) inside the socket (30) as show with glue. Route the wires through the tail fin center hole.

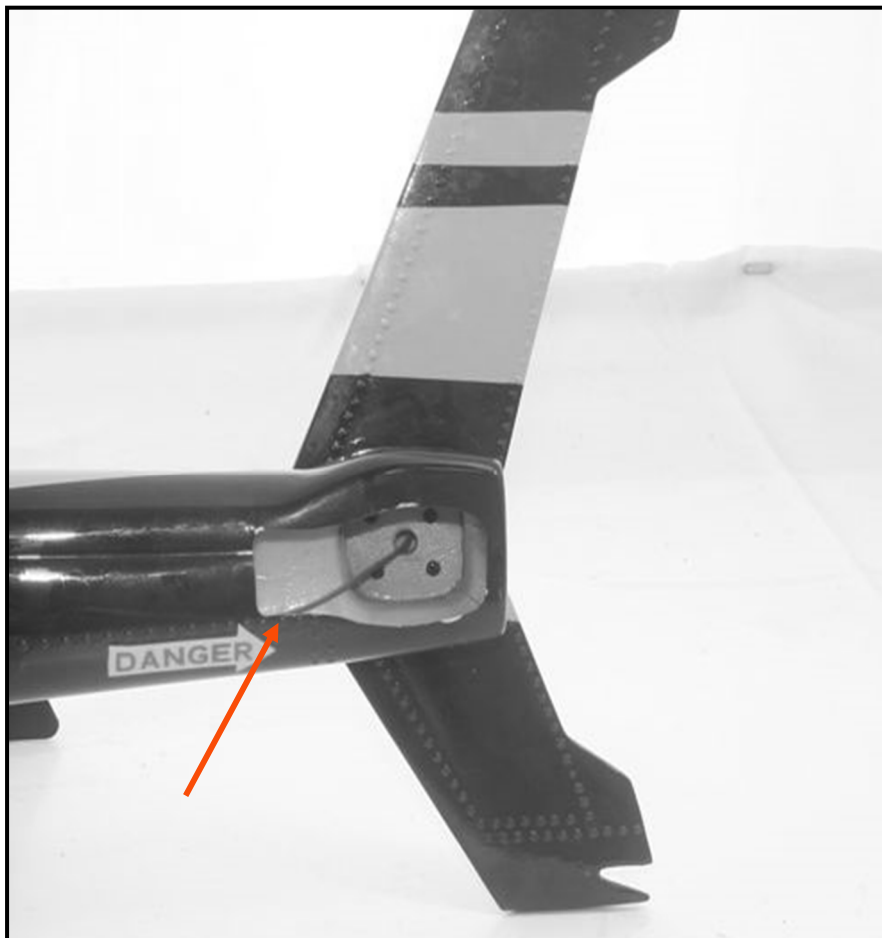


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- 4.12. Glue the tail distancer (19) into the fin with epoxide glue.

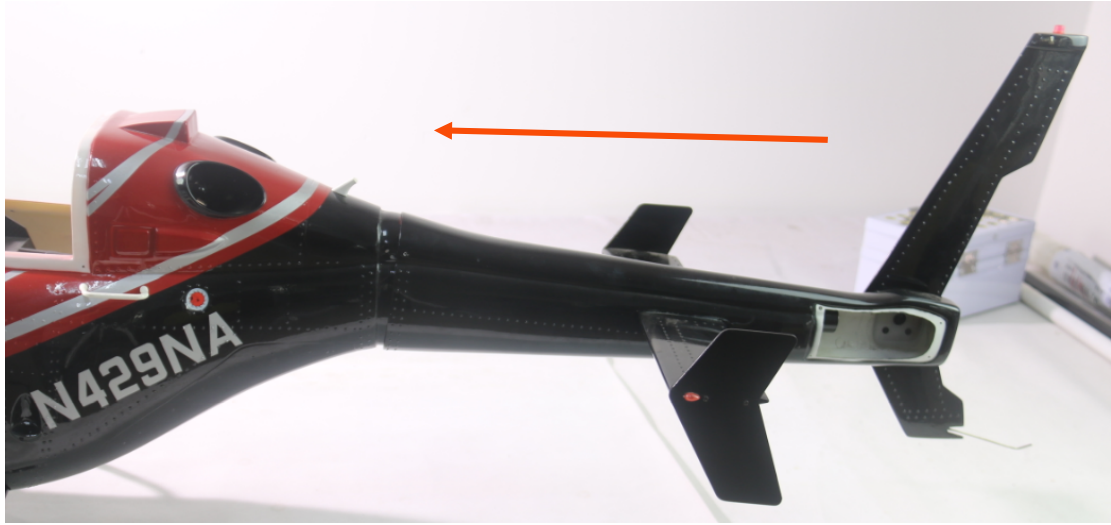


- 4.13. Attach the tail fin (10) to the tail boom with screws (24) as shown. Then route the LED wire through the boom towards the front of the fuselage.

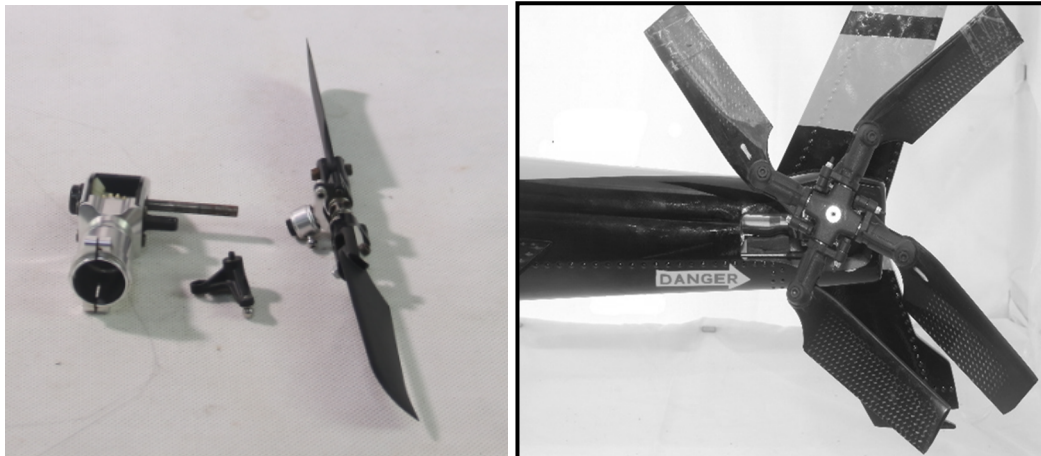


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- 4.14. Shove the tail onto the mechanics tail boom as shown.



- 4.15. Attach the supplied L-Lever (27) onto the tail rotor unit as shown. Then attach onto the tail boom, tighten screws and attach all linkages.

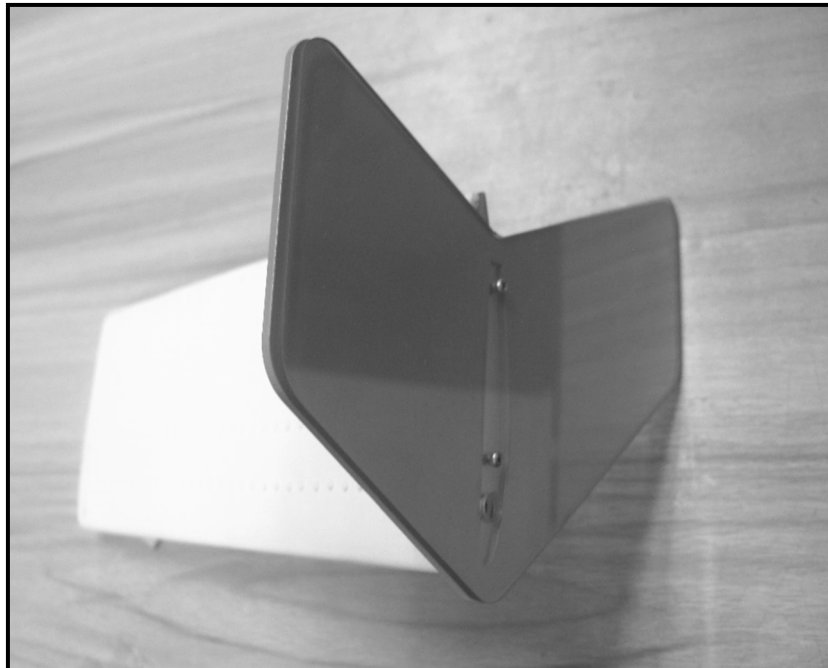


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- 4.16. Screw the tail tube to the fuselage using washer (34) and screw (35). First, drill evenly distributed 1.5mm holes through the tube and fuselage. Then glue the captive nuts inside the fuselage using plywood washers. Ensure that no glue enters the threads. Tighten the screws slightly before the glue hardens, correctly align the tail tube, and secure it with tape until the glue fully cures.

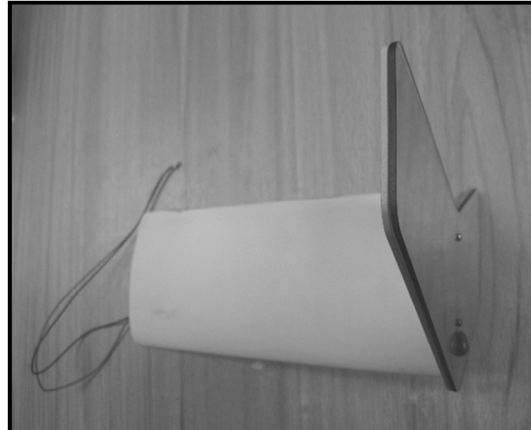
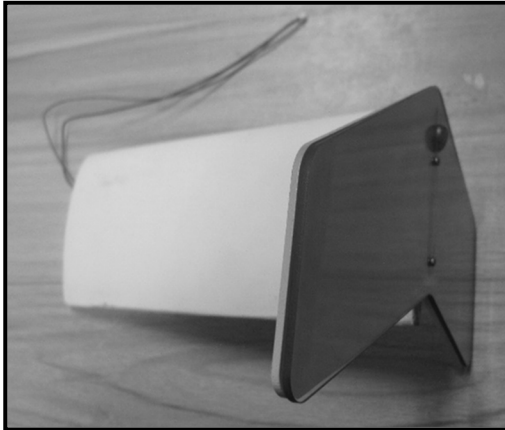


- 4.17. Install the wings (12) to the fins (11) both left and right side with screws (23).

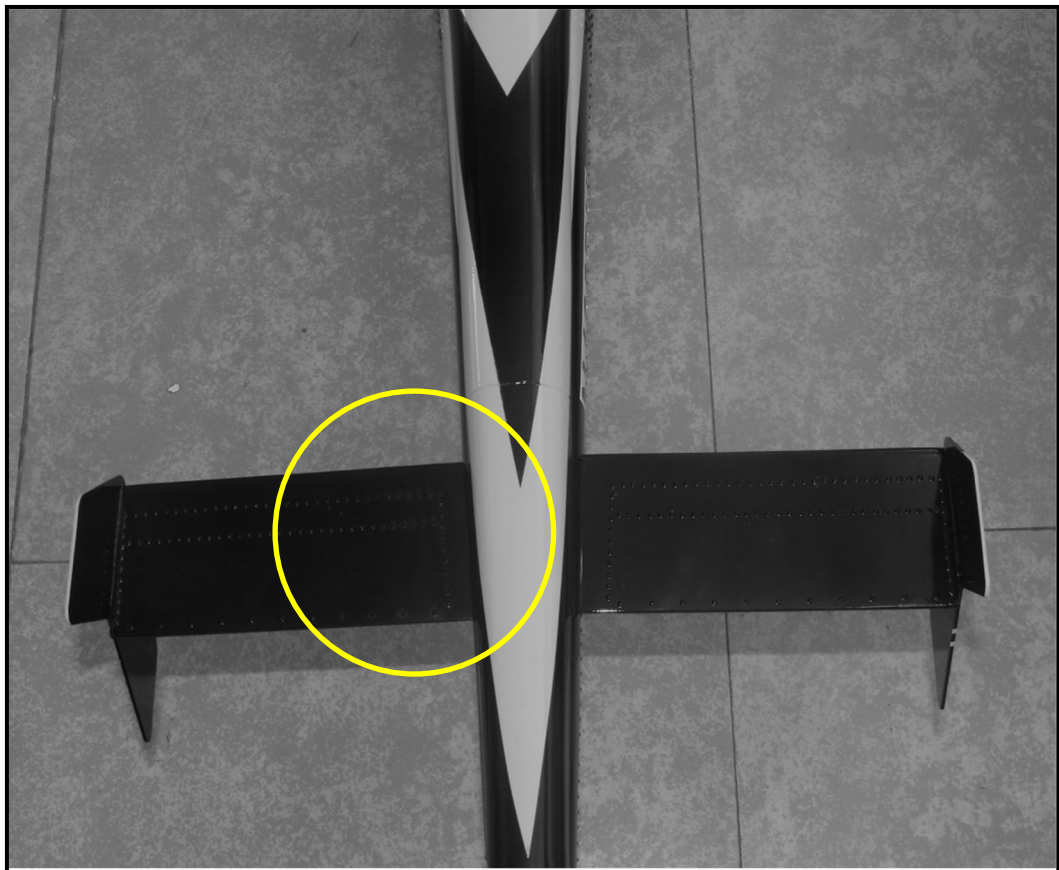


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- 4.18. Install the green LED (29) on the right, and the red LED left tail wing (28) as shown, if you stand behind the helicopter facing away from you.

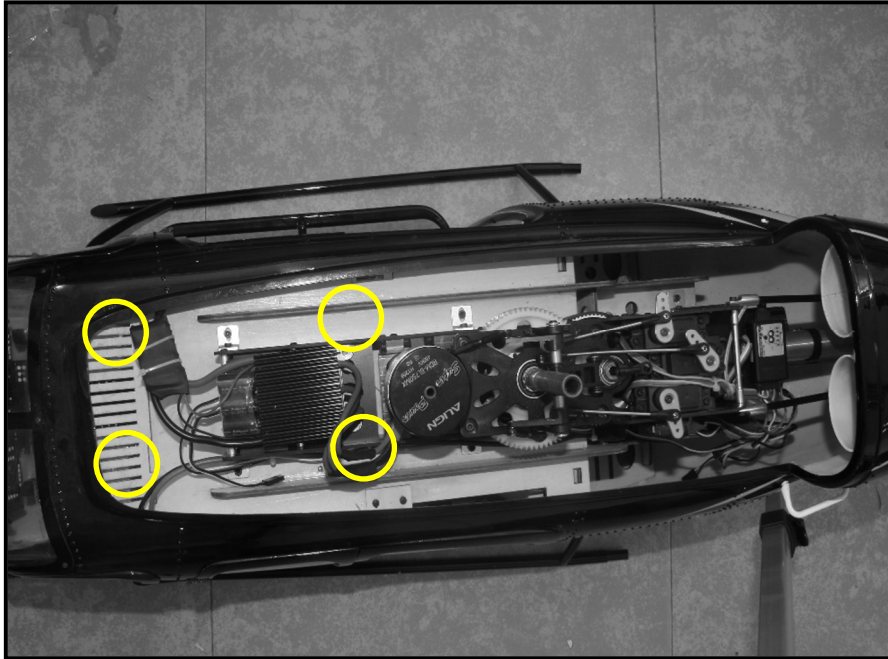


- 4.19. Glue the tail units carefully into the tail boom using epoxide glue. Secure them with tape while the adhesive cures. Align them carefully.



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- 4.20. Then screw down the mechanics into the fuselage at the four points as shown.

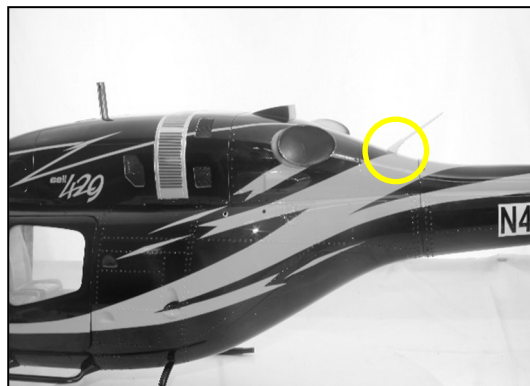
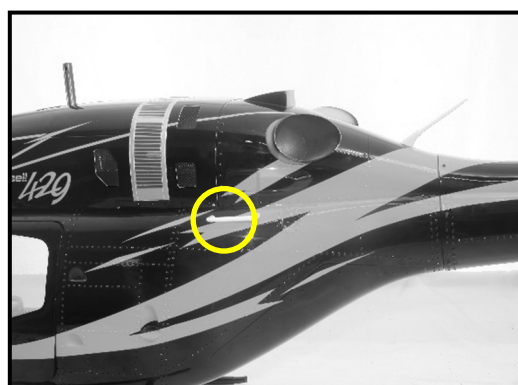
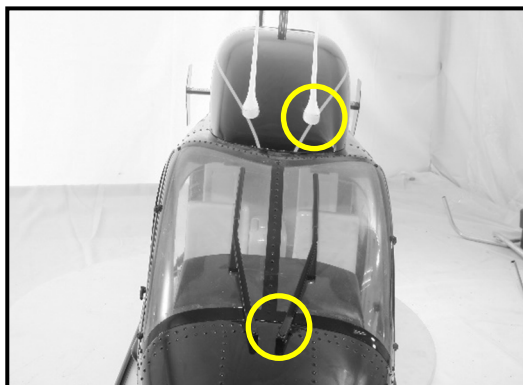
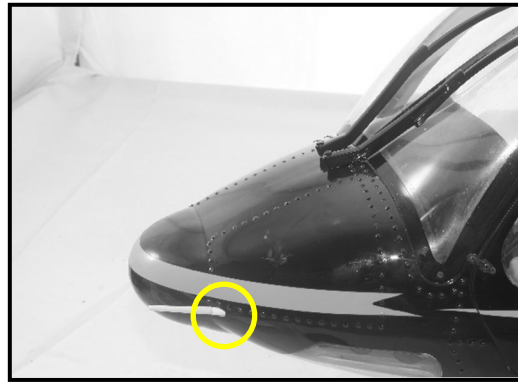


- 4.21. Mount the engine cover again with screws, then mount the rotor head.



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4.22. Finally glue all scale parts (14-18) as shown into the fuselage.



5. SPAREPART LIST

B429PJ001		600 贝尔 429 前窗	600 Bell 429 front window
B429PJ002		600 贝尔 429 全套窗	600 Bell 429 all windows
B429PJ003		600 贝尔 429 脚架	600 Bell 429 landing gear

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B429PJ004		600 贝尔 429 脚踏	600 Bell 429 foot steps
B429PJ005		600 贝尔 429 像真件	600 Bell 429 antenna set
B429PJ006		600 贝尔 429 平垂尾	600 Bell 429 tail wings
B429PJ007		600 贝尔 429 固定件	600 Bell 429 mounting hardware
B429PJ008		600 贝尔 429 像真座椅	600 Bell 429 cockpit set
B429PJ009		600 贝尔 429LED 灯	600 Bell 429 light kit
B429PJ010		600 贝尔 429 水印	600 Bell 429 decal set

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6. ILLUSTRATION OF READY MOUNTED HELICOPTER



Specifications:

Length: 1470mm

Height: 400mm

Width: 320mm

Weight: 1200g

Suitable for Align TREX560 und similar mechanics



We wish you a lot of fun with the fuselage!

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