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Instruction manual

Scale Fuselage UH-1N

600 size



1. INTRODUCTION

Thank you for buying Roban Model products. The 450 size UH-1 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:

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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.

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.

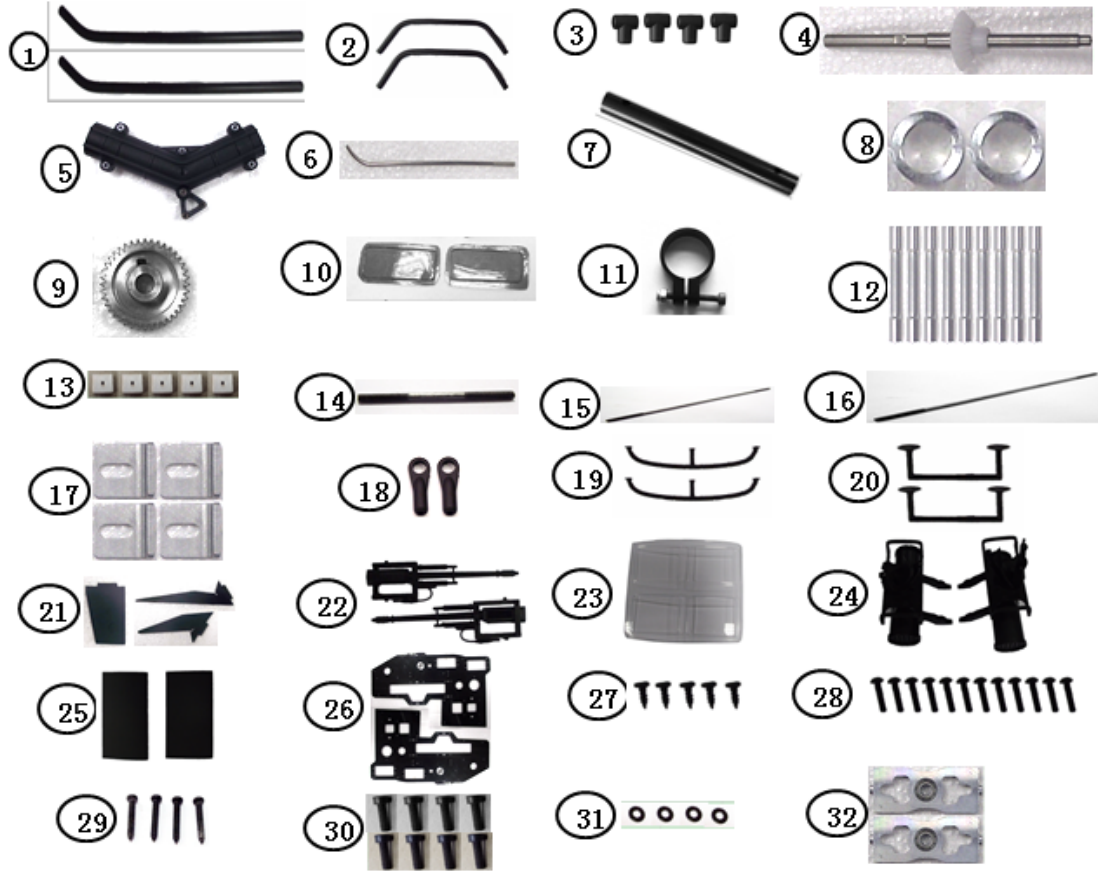
Pilot Responsibility:

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.



CONTENTS

Item No.	Description	Quantity
1	Landing gear skids	x2
2	Landing gear struts	x2
3	T-connectors	x4
4	Redirection gearbox	x1
5	Rear redirection	x1
6	Tail skid	x1
7	Tail tube	x1
8	Washer 7x6	x2
9	Gear	x1
10	Side windows	x2
11	Tail support	x1
12	Spacers 47mm	x9
13	Washer	x5
14	Linkage 55mm	x1

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15	Linkage 92mm	x1
16	Linkage 228mm	x1
17	Brackets	x4
18	Ball joint connectors	x2
19	Holding brackets	x2
20	Handles	x2
21	Cable cutters	x3
22	Machine guns	x2
23	Window panes	x4
24	Rocket launchers	x2
25	Tail unit	x2
26	Main frame	x2
27	Screw A2x5	x5
28	Screw M3x8	x22
29	Screw A3x25	x4
30	Screw M3x12	x8
31	Washer M3	x4
32	Support blocks for shaft	x2

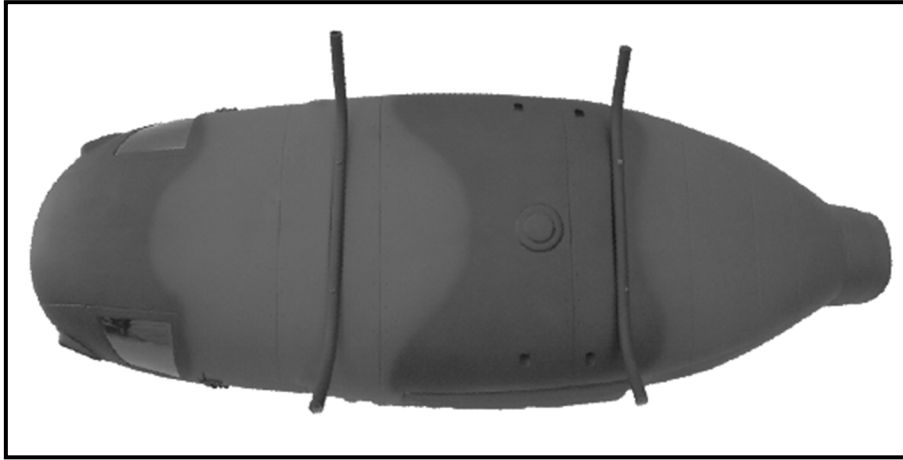
REQUIRED TOOLS / CONSUMABLES

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

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4. INSTALLATION

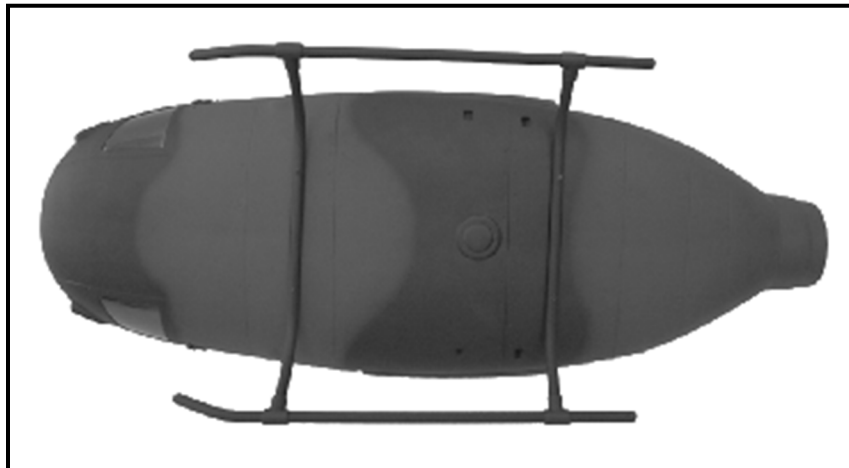
4.1 Mount the struts with Screw A2x14 as shown.



4.2 Install the T-connectors as shown.

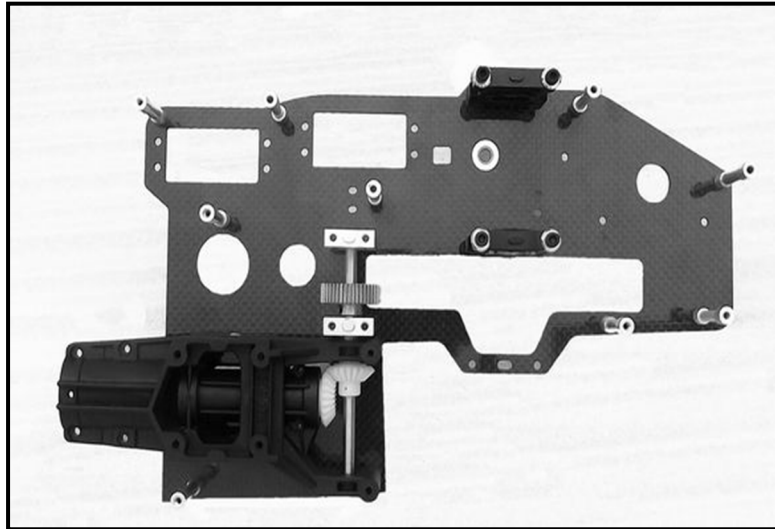


4.3 Install the skids as shown.

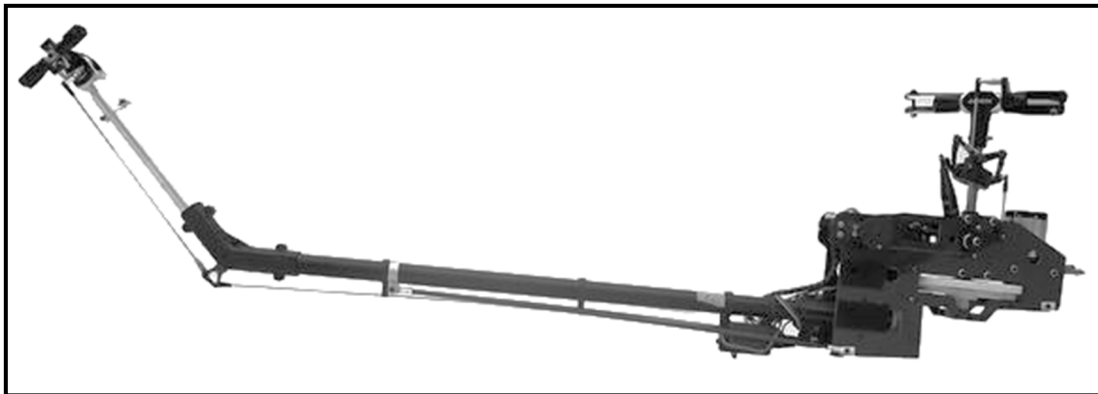


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- 4.4 First, mount the redirection gearbox (4) with the brackets (32) on the provided main frame (26) using Screw M3x8. Then install the original main shaft holders of your mechanism and the original tail tube holder with Screw M3x8. Then install all 9 spacers (12) with Screw M3x8 in the indicated position.

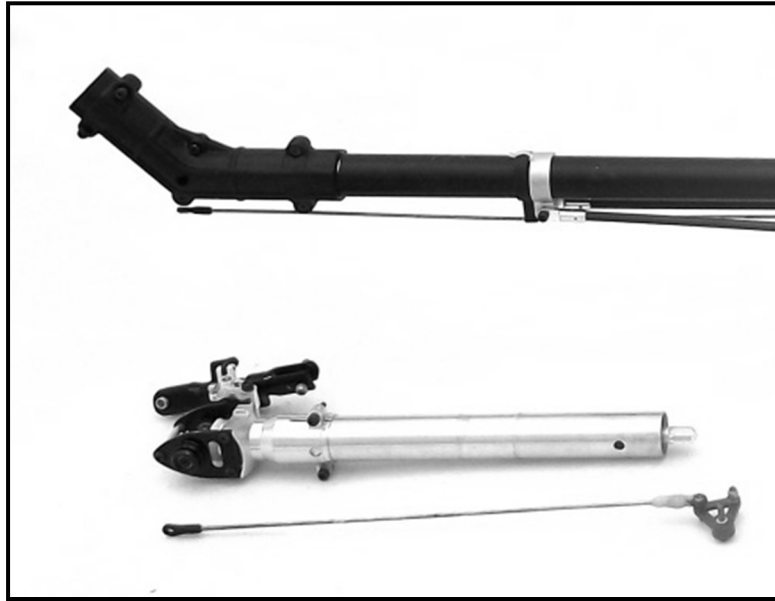


- 4.5 Then assemble the complete mechanism. Please ensure that two linkages of the cyclic swashplate control (14+15) must be used instead of the original linkages due to changed servo positions. Mount the tail struts as shown with the tail support (11) as shown. Mount the rear redirection (5), the short tail tube (7), and the linkage at the tail. Adjust the mechanism before starting the installation into the fuselage.



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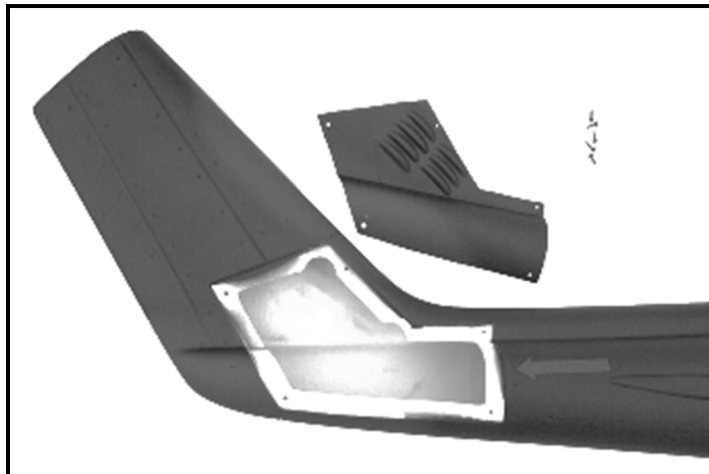
4.6 Then dismantle the tail rotor and the linkage as shown for installation.



4.7 Insert the mechanics into the fuselage as shown.



4.8 Open the tail cover.

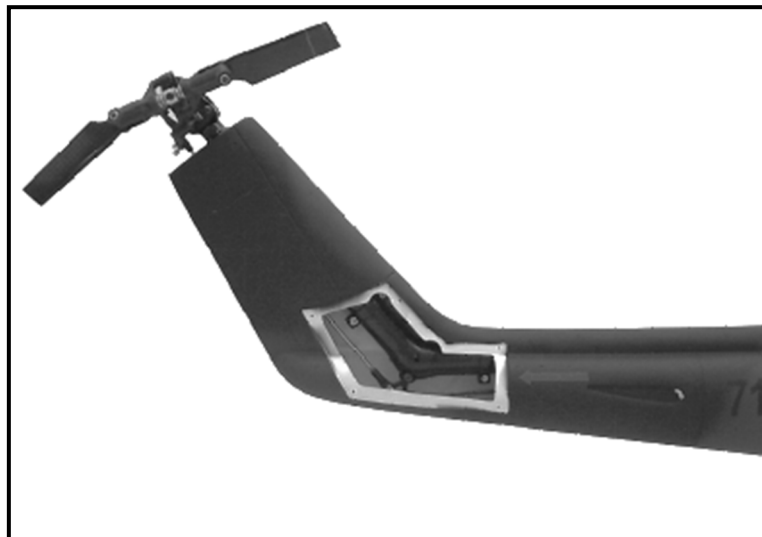


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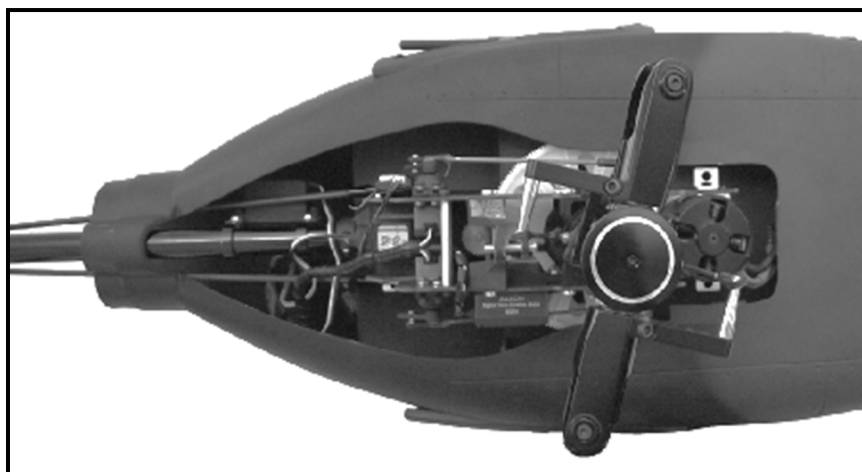
4.9 Slide the tail onto the tail tube.



4.10 Install the tail propeller.



4.11 Screw the mechanism using the brackets (17) as shown.

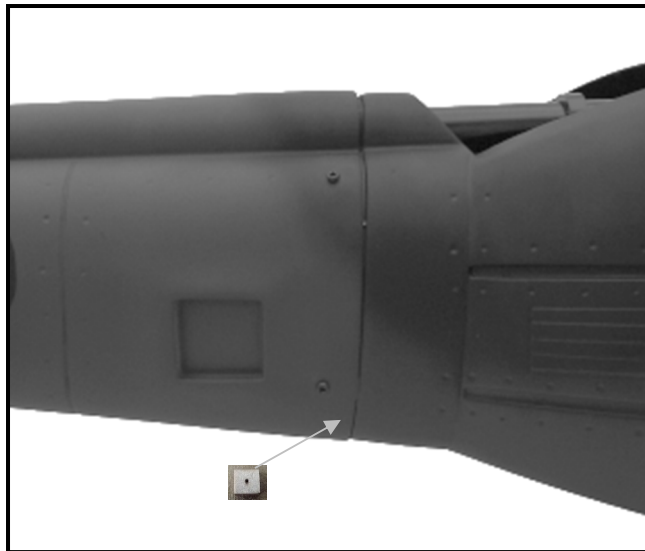


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4.12 Install the tail cover.



4.13 Screw the tail as shown, using washers.

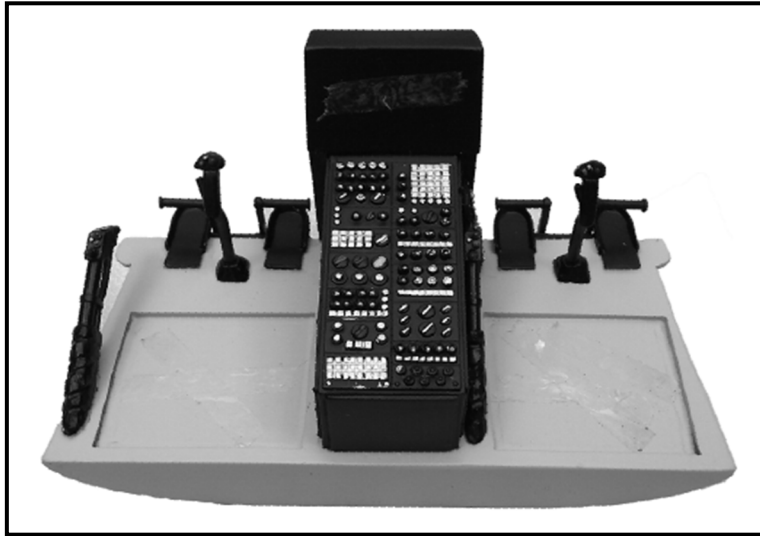


4.14 Dismantle the doors.



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4.15 Mount the cockpit as shown using epoxy adhesive.



4.16 Insert the cockpit through the rear door and glue it.



4.17 Then glue the large dashboard.

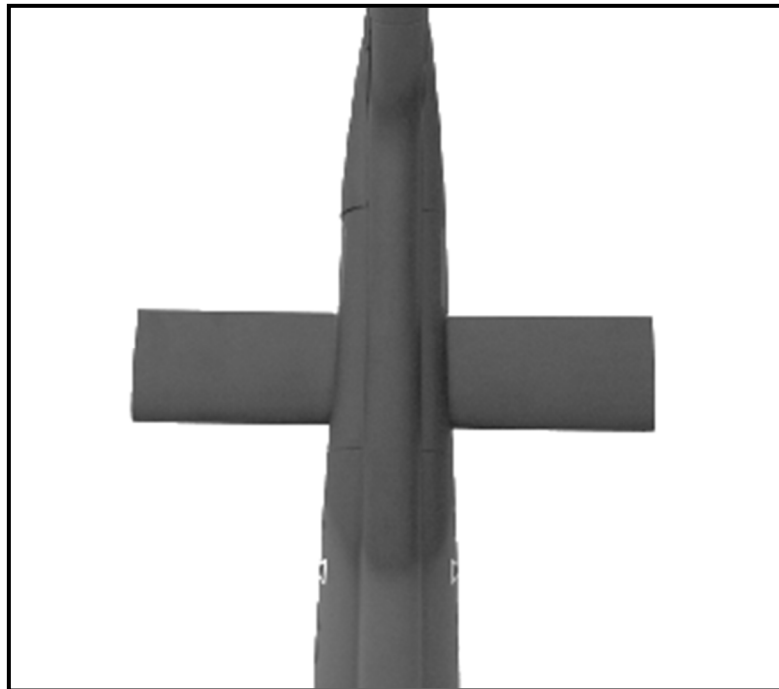


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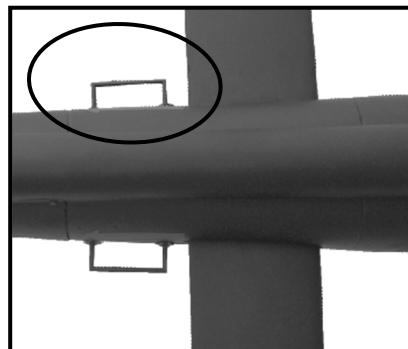
4.18 Then glue the pilot seats.



4.19 Glue the tail units as shown.



4.20 Glue the antennas as shown.



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4.21 Glue the two cable cutters as shown.



4. SPAREPART LIST

UH600NPJ001		600UH1N 引擎盖	600 UH-1N engine cover
UH600NPJ002		600UH1N 前窗	600 UH-1N front window
UH600NPJ003		600UH1N 全套窗	600 UH-1N all window set
UH600NPJ004		600UH1N 平尾	600 UH-1N tail wings
UH600NPJ005		600UH1N 装饰件	600 UH-1N antenna set
UH600NPJ006		600UH1N 脚架组	600 UH-1N landing gear
UH600NPJ007		600UH1N 武器	600 UH-1N weapon set

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UH600NPJ008		600UH1N 球头	600 UH-1N ball link set
UH600NPJ009		600UH1N 改装 侧板	600 UH-1N side frame set
UH600NPJ010		600UH1N 改装 件	600 UH-1N hardware set
UH600NPJ011		600UH1N 升级 铁齿组	600 UH-1N gear set
UH600NPJ012		600UH1N LED 灯	600 UH-1N light kit
UH600NPJ013		600UH1N 水印	600 UH-1N decals
UH600NPJ014		600UH1N 尾巴 固定螺丝	600 UH-1N tail boom hardware
UH600NPJ015		600UH1N 座椅 不公仔	600 UH1N cockpit set
UH600NPJ016		600UH1N 短尾 管+轴+拉杆	600 UH-1N tail tubes
600WBX01		600 轴传通用 尾波箱扇齿	600 UH-1N tail gears
600WBX		600 轴传通用 尾波箱	600 UH-1N tail gearbox

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4. FULLY ASSEMBLED FUSELAGE



Specifications:

Length: 1460mm

Height: 320mm

Width: 410mm

Weight: 3000g

Suitable for Align TREX600 ESP and derivatives



We wish you a lot of fun with the fuselage!

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