1. INTRODUCTION

Thank you for buying Scaleflying products. The 600 size Airwolf 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 ESP Helicopter series use. You can easily put it on your T-REX 600 for new clothing.

Important Note

R/C helicopters are not toys. R/C helicopter utilize various high-tech products and technologies to provide superior performance. Improper use of this product can result in serious injury or even death. Please read this manual carefully before using and make sure to be conscious of your own personal safety and the safety of others and your environment when operating all Scaleflying products.

Manufacturer and seller assume no liability for the operation or the use of this product. Intended for use only by adults with experience flying remote control helicopters at a legal flying field. After the sale of this product we cannot maintain any control over its operation or usage.

After assembling the scale fuselage, the weight will increase and the structure will more complex, hence its not recommend to fly 3D to avoid any accident and damage..

2. SAFETY NOTE

R/C products require a certain degree of skill to operate. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warranty and cannot be returned for repair or experience problems during operation or maintenance.
Fly only safe areas, away from other people. Do not operate R/C aircraft within the vicinity of homes or crowds of people. R/C aircraft are prone to accidents, failures and crashes due to a variety of reasons including lack of maintenance, pilot error and radio interference. Pilots are responsible for their actions and damage or injury occurring during the operation or as of a result of R/C aircraft models.

3. PRIOR TO INSTALLATION

Please check the contents of the kit prior to installation.

Scope of delivery:

1: Servo connector x6
2: Lever x5
3: Screw M3x10 x5
4: Lever 2.5x100 x1
5: not included
6: Landing gear x1
7: Shaft block x2
8: Carbon rod 4x100 x1
9: Carbon rod 2.5x50 x1
10: Carbon rod 2.5x100 x1
11: Carbon rod 2.5x200 x1
12: Carbon rod 2.5x300 x1
13: Carbon rod 2.5x400 x1
14: Carbon rod 2.5x650 x1
15: Carbon rod 2.5x1000 x1
16: Servo support x1
17: EVA rubber x1
18: Washer x12
19: Screw M3x25 x4
20: Washer M3 x4
21: Nut M3 x4
22: Tail fin
23: Screw A3x20 x2
24: Nut A3 x2
25: Nut A3 x3
26: Nut A3 x4
27: Nut A3 x5
28: Nut A3 x6
29: Nut A3 x7
30: Nut A3 x8
31: Top window x1
32: Front window x1
33: Bottom window x1
34: Bushing 5x7x10x14 x2
35: Bushing 5x7x10x5 x2
36: Lever 2.5x65 x1
37: Nut M2.5 x2
38: Nut M3 x2
9: Nut M3 x4  
10: Screw M3x10 x4  
11: Shaft ring 5mm x4  
12: Set screw M3 x4  
13: Carbon rod 5x100 x2  
14: Carbon rod 4x55 x2  
15: Shaft ring 4mm x2  

24: Tail wing horizontal x2  
25: Tail wing vertical x2  
26: Screw A2x5 x4  
27: MG big x2  
28: MG small x2  
29: Connector x2  
30: End piece x2  

39: Screw M3x14 x2  
40: Screw A2x8 x4  
41: Screw A3x12 x4  
42: Aft servo holder x1  
43: Servo lever x1  
44: Lever 2.5x65 x2  
45: Nut M3 x2  
46: Nut M3 x2

**Required tools / consumables**

1: Hobby knife  
2: Allen screwdriver  
3: Phillips screwdriver  
4: File  
5: Wire pliers  
6: Silicon glue (für windows)  
7: Cyanoacrylate glue  
8: 2K Glue  
9: Fine sanding paper  
10: Scissors

4. **INSTALLATION**

1. Mount the servo links as shown with screw M2x5 onto the levers
2. Mount the servo links onto the rods as shown.

3. Mount levers, blocks and front landing gear as shown.
4. Mount the landing gear as shown inside the fuselage.

5. Lock the landing gear assy with nut M3 and screw M3x10 in place as shown.
6. Mount the front servo as shown.
7. Insert carbon rods 3x45 as shown.

8. Mount the aft landing gear as shown using the aluminum bushings. Long sleeve inboard, short sleeve outboard. Then install the shaft as shown, using retaining rings and the retract lever.

9. Mount the long lever on top of your servo’s cross lever.
10. Then mount the ball links as shown using screws and nuts.

11. Mount the servo as shown in the wooden frame. Then mount the horn and prepared lever onto the servo. Use the pushrods with the ball link ends to connect the servo lever with the levers on the retract shafts as shown. Do not tighten the screws on the retract shaft levers yet.
12. Adjust the shaft levers position so that a full servo cycle will extend and retract the landing gear fully. Once properly adjusted, glue the servo frame into the fuselage. Make sure that you adjust the servo travel limit properly in your radiocontrol!
11. Mount the wooden blocks as shown and onto the mechanic.

12. Remove the tail cap.
13. Insert the mechanic into the fuselage as shown.

14. Mount the EVA tail dampener as shown.
15. Mount the tail rotor.

16. Mount the tail cap.
17. Lock the mechanics in place using screws M2x20 washers M2.

19. Mount the tail fin as shown.
20. Glue the tail wings in. This has to be done when everything else is installed. Use tape to keep the wings at the right angle while the glue is setting. Do this by connecting both tip ends over the top of the boom with two or three strips of masking or duct tape. Do not rely on the grooves on the boom, due to manufacturing tolerances, these grooves do not provide you any guidance. When glue is applied, check with perpendicular mounting both by looking from the nose towards the tail of the model and also from atop. Do not use quick setting 5 minute epoxy glue, as it might not allow for enough time to adjust.

20. Mount the vertical tail wings with screws.
21. Mount the rocket launcher with screws.

22. Glue the machine guns in as shown.
23. Glue in the end piece.

24. Glue the main window in. We recommend to use slow settling yellow glue. Do not attempt installing windows with super glue (cyanoacrylate bases). The fumes the glue produces leave hard to remove white stains on painted surfaces.
24. Glue the bottom window in.
4. ILLUSTRATION OF READY MOUNTED HELICOPTER

Specifications:

Length: 1006mm
Height: 226mm
Width: 385mm
Weight: 710g
Suitable for Align TREX600ESP und similar mechanics

Copyright 2012 – www.scaleflying.com