

450Scale Fuselage Air Wolf INSTRUCTION MANUAL



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Thank you for buying HeliArtist Products. 450 scale fuselage is designed as an easy way to assembly. Please read this instruction manual carefully before assembling the model, and follow all precautions and recommendations in the manual.

Make sure to retain the manual for future reference, routine maintenance, and tuning. This scale fuselage is designed for T-REX450 Helicopter series. You can easily put it on your T-REX450 for new clothing.

IMPORTANT NOTES

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 personal safety and the safety of others and your environment when operating all HeliArtist products.

Manufacturer and seller assume no liability for the operation or the use of this product. Intended usage of this fuselage is only for adults with experience of flying remote control helicopters at 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 become more complex, so we do not recommend to have any 3D fly as to avoid any accident and damage. R/C products require a certain degree of skill to operate, and is a consumables item. 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 in 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 happened during the operation or as a result of R/C aircraft models.

3 PREPARATION BEFORE ASSEMBLING

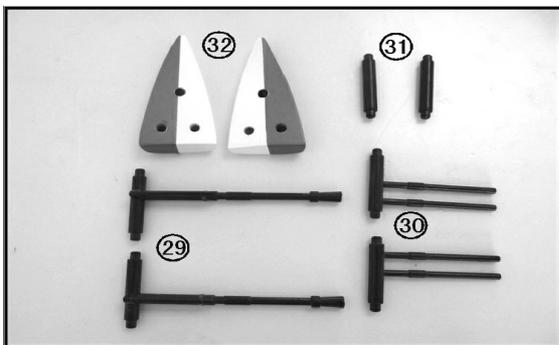
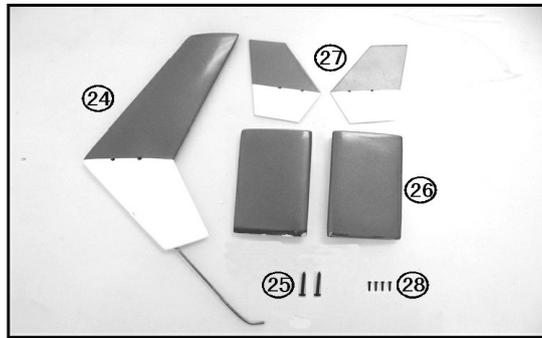
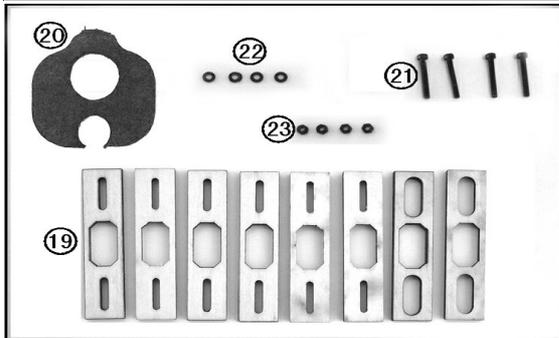
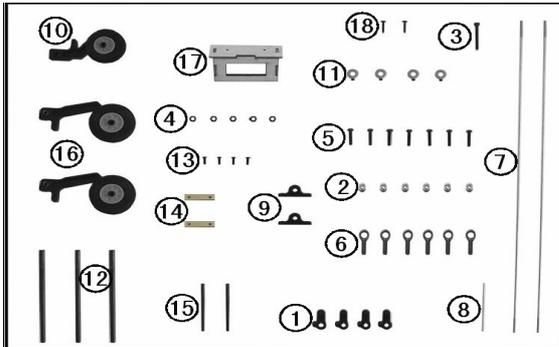


450scale fuselage, suitable for T-REX450 Nitro Helicopter series

BEFORE ASSEMBLING

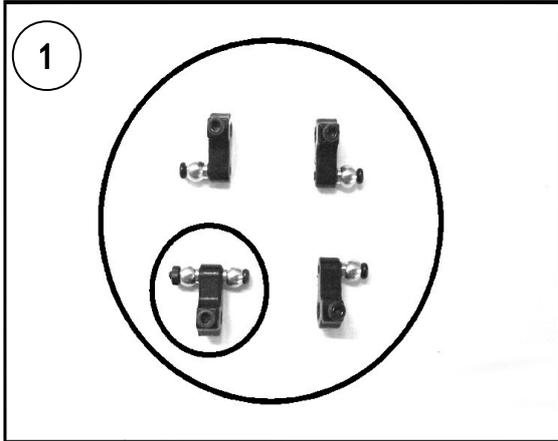
- 1: Check for all the parts in the list come with the manual.
- 2: Some basic tools are needed to help the assembly.

TOOL
1: Cutter knife. 2: Hexagon screw driver
3: Phillips screw driver. 4: File.
5: Diagonal cutting pliers.
6: Silicone
7: CA glue. 8: AB glue
9: Fine sandpaper.
10: Scissors.

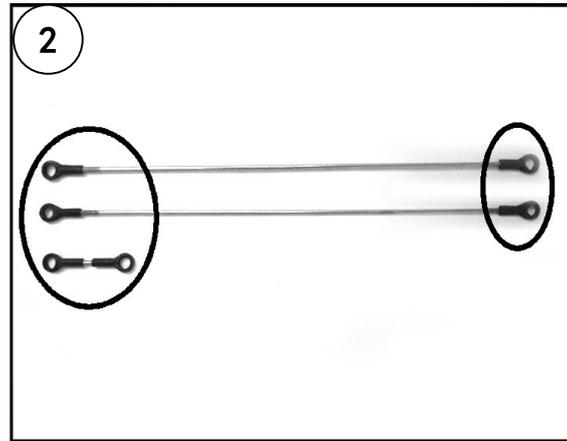


- | | | |
|--|---|-------------------------------------|
| 1: Wheel control arms x4 . | 13: Hex Cap Screw: 2x5mm x4 . | 25: Self-Tapping Screw: 2x10mm x2 . |
| 2: Linkage ball x5 . | 14: 2mm washer x2-2*6*22 . | 26: Horizontal Stabilizer x2 . |
| 3: Hex cap screw 2x18mm x1 . | 15: Carbon Rods \varnothing 2x40mm x2 . | 27: Small Vertical Stabilizer x2 . |
| 4: Nuts 2mm x5 . | 16: CNC Retract System x2 . | 28: Self-Tapping Screw :2x5mm x4 . |
| 5: Hex cap screw 2x10mm x7 . | 17: Wood servo mount x1 . | 29: Large Machine Gun x2 . |
| 6: Ball Links x6 . | 18: Self-tapping Screw :2x8mm x2 . | 30: Small Machine Gun x2 . |
| 7: Linkage Rods \varnothing 1.5x175mm x2 . | 19: Wood pieces 3x12x5 x8 . | 31: Machine Gun Rod x2 . |
| 8: Linkage Rods \varnothing 1.5x20mm x1 . | 20: Sponge for tai lx1 . | 32: Gun Cover Plate x2 . |
| 9: Retract system stand x2 . | 21: Hex Cap Screw 2x18mm | 33: Front Window Cover x1 . |
| 10: CNC Retract System x1 | 22: Washer \varnothing 2x \varnothing 5x0.5mmx4 | |
| 11: 3mm Lock Rings x4 . | 23: Nuts 2mm x4 . | |
| 12: Carbon Rods \varnothing 3x62mm x3 . | 24: Vertical Stabilizer x1 . | |

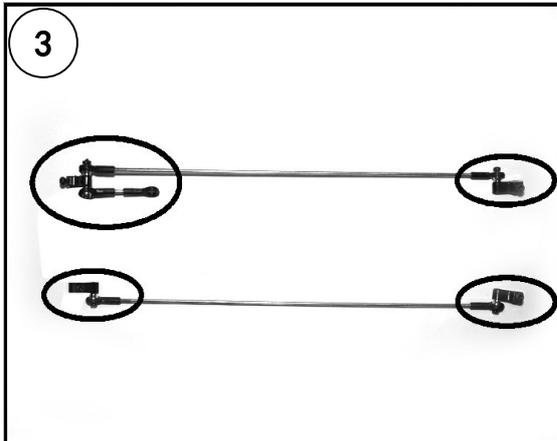
4 ASSEMBLY STEPS



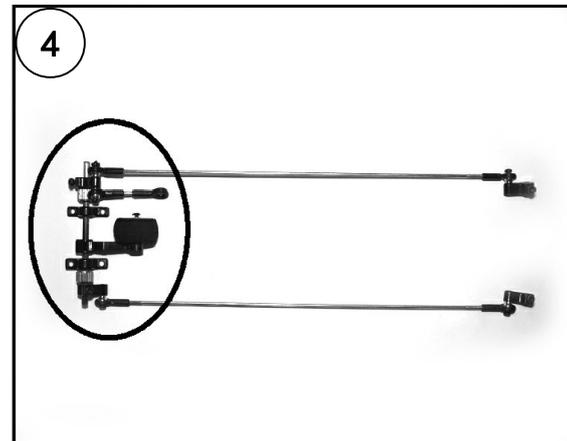
1
Tighten the Ball Links with Linkage Ball to the Wheel Control Arm, caution the assembly direction. (Use M3x10mm Screws x4)



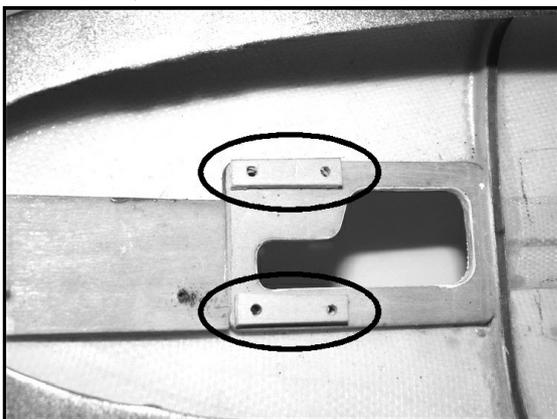
2
Insert the Linkage Rods with Ball Link.



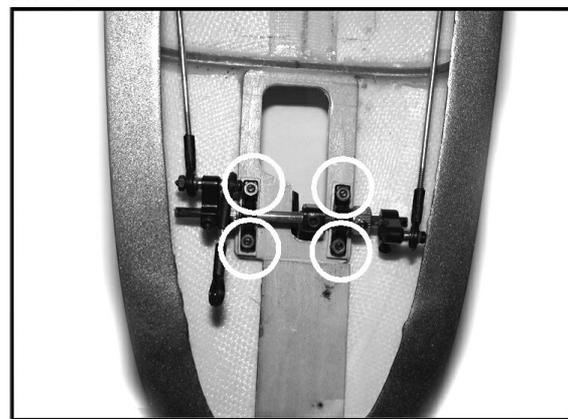
3
Twist the Ball Links from Step 1. onto the Linkage Rods. (Caution the assembly direction.)



4
Assemble the Front CNC Retract System using 4x100mm Carbon Rod and two Retract system stands.

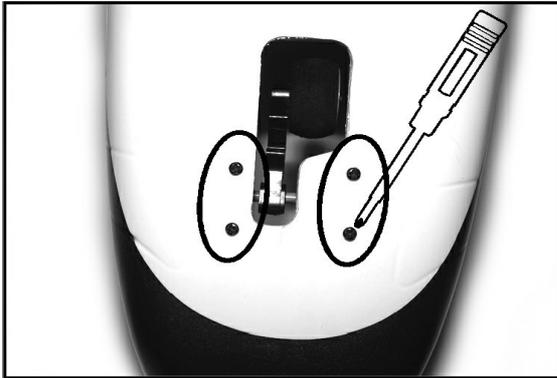


Stick the wood pieces on the CNC front system.



Put the Front Retract System into the fuselage body and align the screw holes of Retract System Stands to the holes on the bottom of the fuselage body.

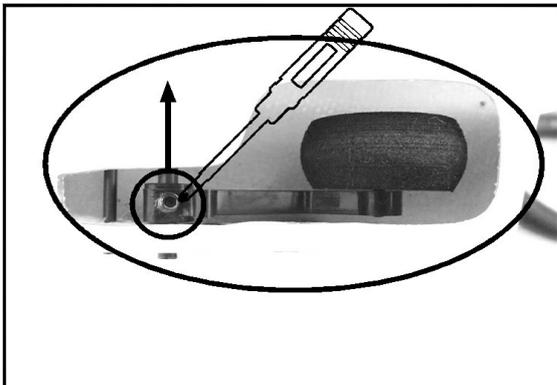
4 ASSEMBLY STEPS



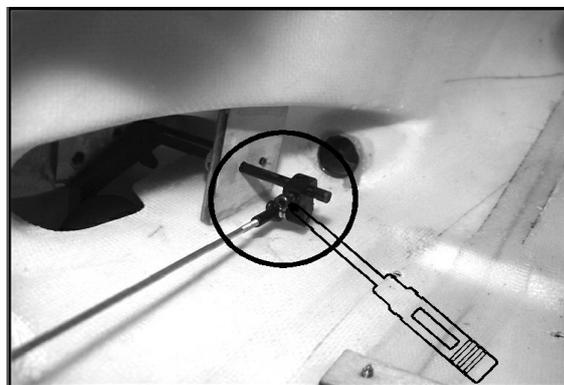
Use M3x10mm screws x4 with M3 Nuts to tighten the Front Retract System onto the fuselage body.



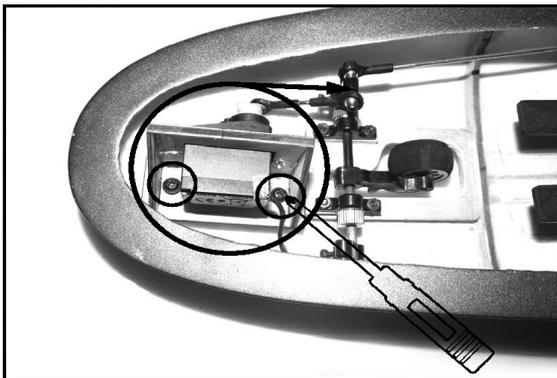
Insert the 4x55mm Carbon Rods into the specific position of the Gun Housing and secure it with glue. (This is used to prevent further retraction of the Retract System.)



Tighten the Back Retract Systems onto the Carbon Rods together with two Lock Ring on each side of Retract System.



Tighten the Lock Rings on the two end of the Front Retract System Carbon Rod then Insert the Wheel Control Arms next to the Lock Ring End and secure them with gule and M3 Set Screws.

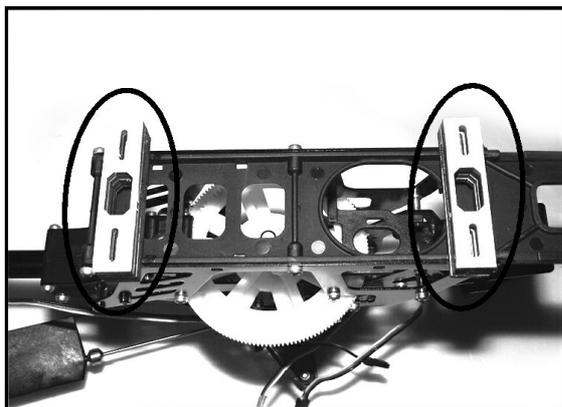


After assembled the Heli body to the fuselage then glue the Wood Servo Mount onto the fuseages using epoxy and tighten the Linkage Ball on the Servo Horn.

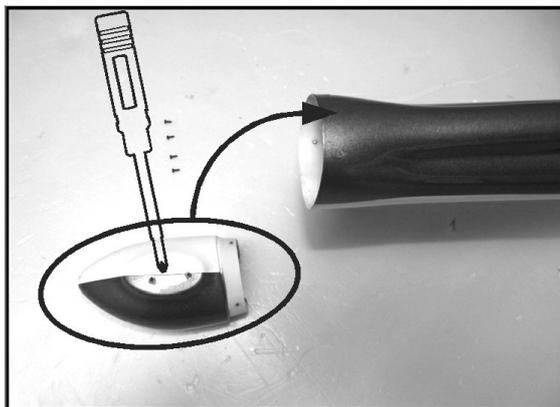


Glue the wood together according to the above photo. (Remarks: the hight of the wood block is depend on what heli you use.)

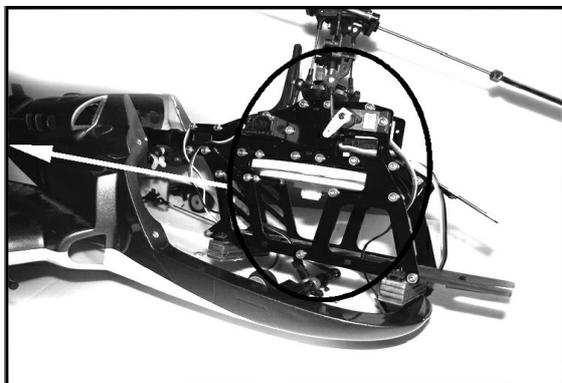
4 ASSEMBLY STEPS



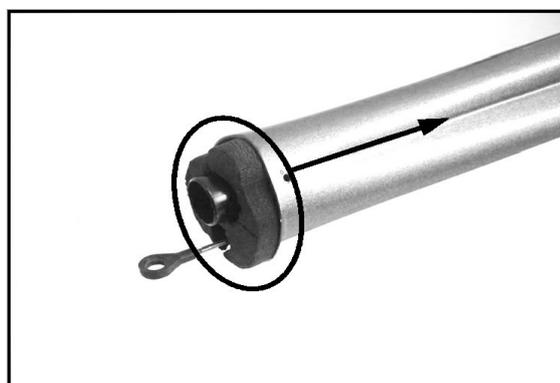
Align and glue the Wood Blocks to the landing gear position on the Heli Body.



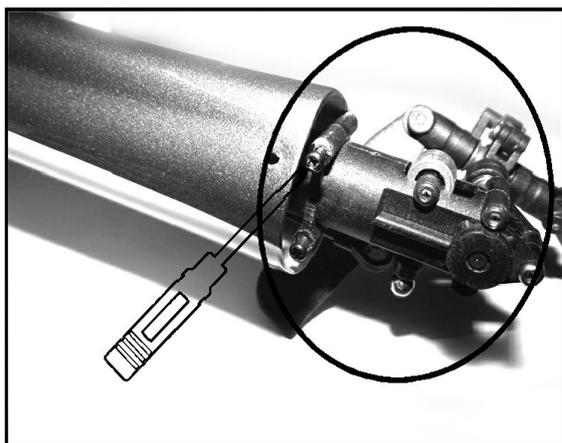
Disassemble the Tail Cover from the tail of the fuselage.



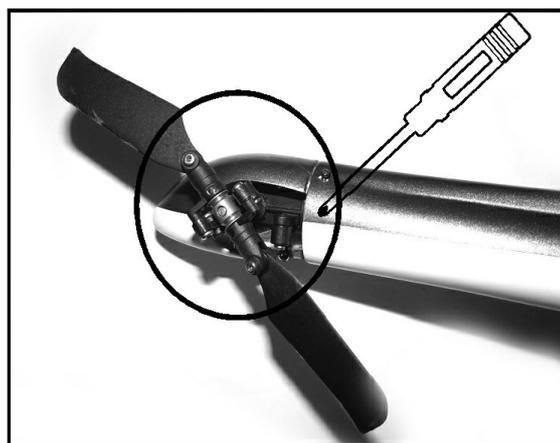
Disassemble the tail gear box of the Heli mechanism then insert the Heli Body into the fuselage.



Put the Sponge in the tail.

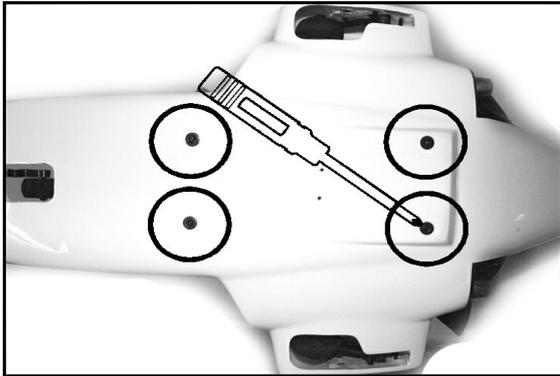


Assemble the tail gear box back to the Heli Mechanism.

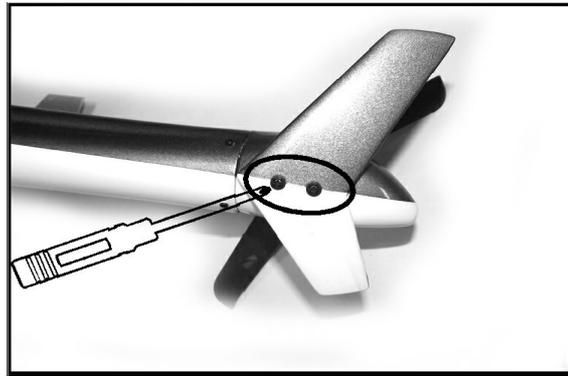


Assemble the Tail Cover back to the fuselage.

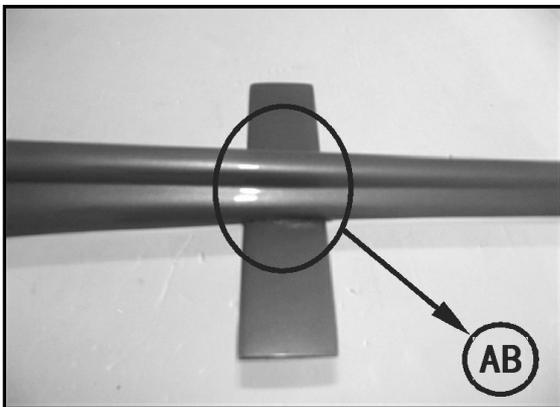
4 ASSEMBLY STEPS



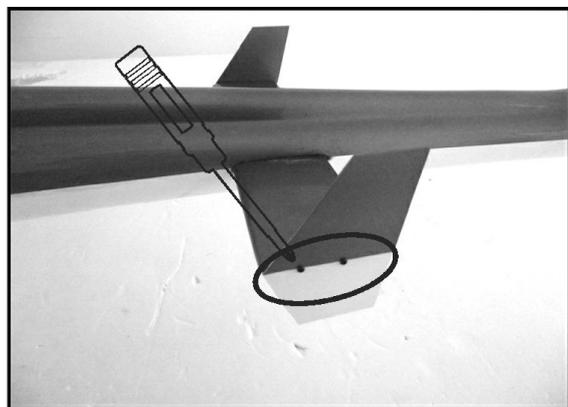
Align the Heli Body to the fuselage and drill four 3mm holes on the bottom side. Use M3x25mm screws and washers to secure the Heli Body to the fuselage.



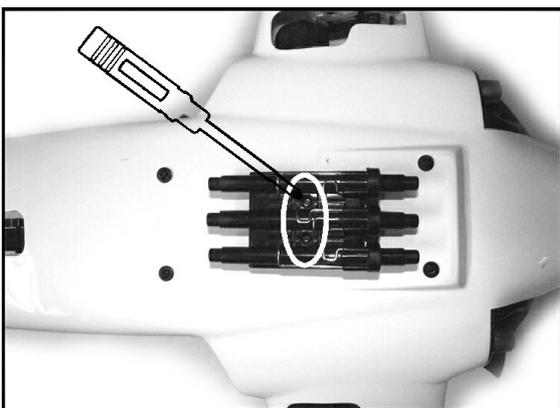
Assemble the Vertical stabilizer to the fuselage's tail using two 3x20mm Self-Tapping Screws.



Fit the Horizontal stabilizers onto the trough on the Tail Boom of the fuselage and use epoxy to secure them. (Remarks: make sure the Horizontal stabilizers are in perpendicular condition.)



Use four 2x5mm Self-Tapping screws to secure the vertical stabilizers.

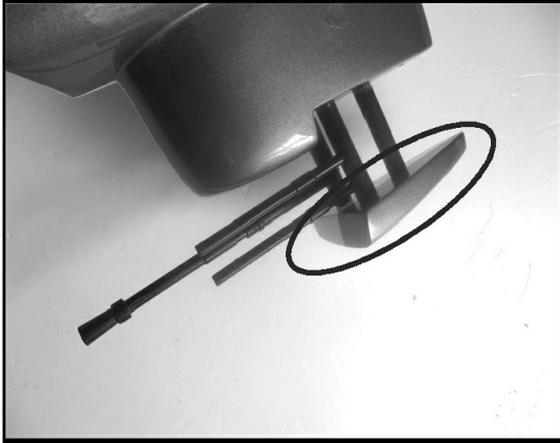


Stick the Rockets Jane under the kit. (The Rockets Jane is In addition to buy)

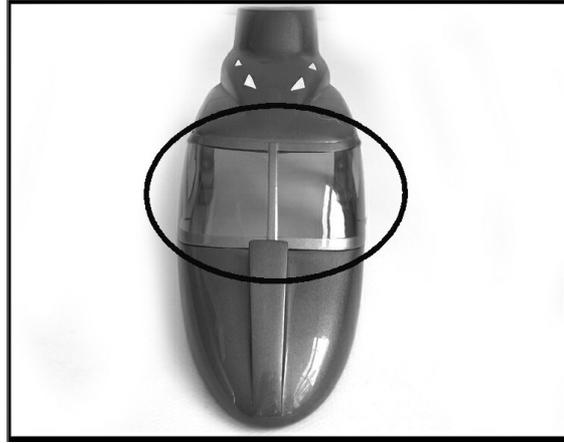


Glue the Machine Guns onto the gun position of the fuselage.

4 ASSEMBLY STEPS



Glue the Gun Cover Plates onto the Machine Guns.



Cut the Front Window Cover as to fit the front window on the Front Canopy. Then glue the cut covers onto this window positions.
(Remarks: glue all window covers on the inner side of the window.)

5 ASSEMBLY ILLUSTRATION

450 Scale Fuselage ATRWOLF



Specifications

Length : 728mm

Height : 159mm

Width : 268mm

Weight : 355g

Suitable for ALIGN T-REX 450Nitro series

