

TD-15



TURBINE / EDF SPORT JET

MANUAL

NOTICE

All instructions, warranties and other collateral documents are subject to change at the sole discretion of Taft Hobby Limited. For up-to-date product literature, visit www.taft-hobby.com and click on the support tab for this product.

Meaning of Special Language

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product

NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND little or no possibility of injury.

CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

WARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not attempt disassembly, use with incompatible components or augment product in any way without the approval of Horizon Hobby, Inc. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

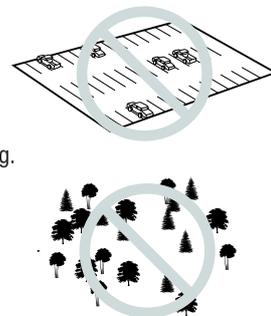
Age Recommendation: Not for children under 14 years. This is not a toy.

Safety Precautions and Warnings

As the user of this product, you are solely responsible for operating in a manner that does not endanger yourself and others or result in damage to the product or the property of others.

- Always keep a safe distance in all directions around your model to avoid collisions or injury. This model is controlled by a radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control
- Always operate your model in open spaces away from full-size vehicles, traffic and people.
- Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).
- Always keep all chemicals, small parts and anything electrical out of the reach of children.

- Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics.
- Never place any portion of the model in your mouth as it could cause serious injury or even death.
- Never operate your model with low transmitter batteries.
- Always keep aircraft in sight and under control.
- Always use fully charged batteries.
- Always keep transmitter powered on while aircraft is powered.
- Always remove batteries before disassembly.
- Always keep moving parts clean.
- Always keep parts dry.
- Always let parts cool after use before touching.
- Always remove batteries after use.
- Always ensure failsafe is properly set before flying.
- Never operate aircraft with damaged wiring.
- Never touch moving parts.

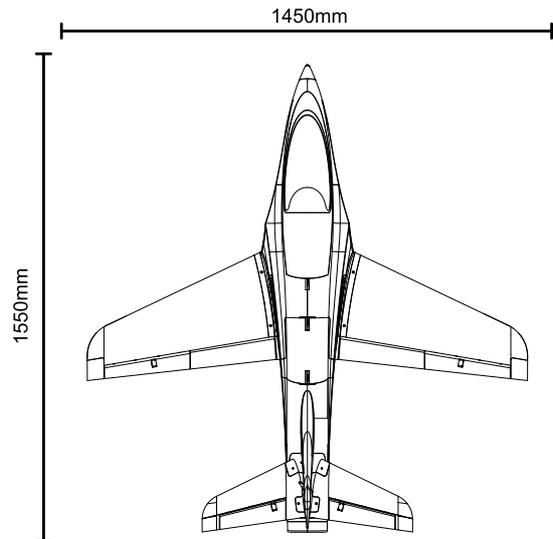


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SPECIFICATION

Length: 1550mm/61in
Wing span: 1450mm/57in
Wing area : 41.6 dm²



Specification of EDF version

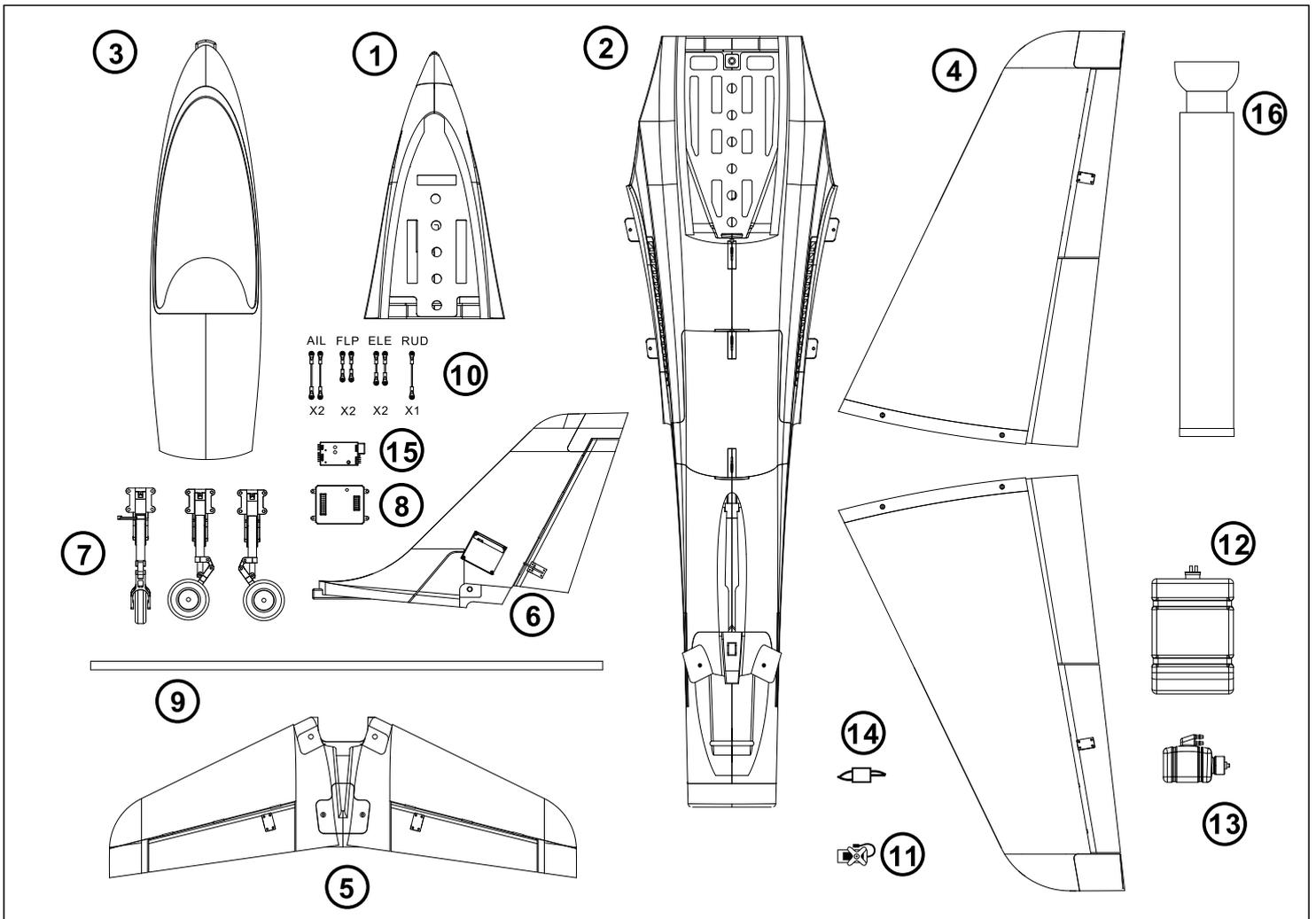
Material : EPO
Servo : 32G Metal gear and Digital (6V)
Landing gear : 12KG Metal retracts landing gear with break system
Flying weight : 5-6KG
Flying time : 3-5MIN
Battery : 12S 5000mAh
ESC : 120A HV
Fan : 105MM-8S or 120MM-12S
Radio : 7ch

Specification of Turbine version

Material : EPO
Servo : 32G Metal gear and Digital (6V)
Landing gear : 12KG Metal retracts landing gear with break system
Flying weight : 6-6.9KG
Flying time : 5-8MIN
Battery : 2S RX, 2S ECU
Turbine : 4.5-8KG
Radio : 7ch

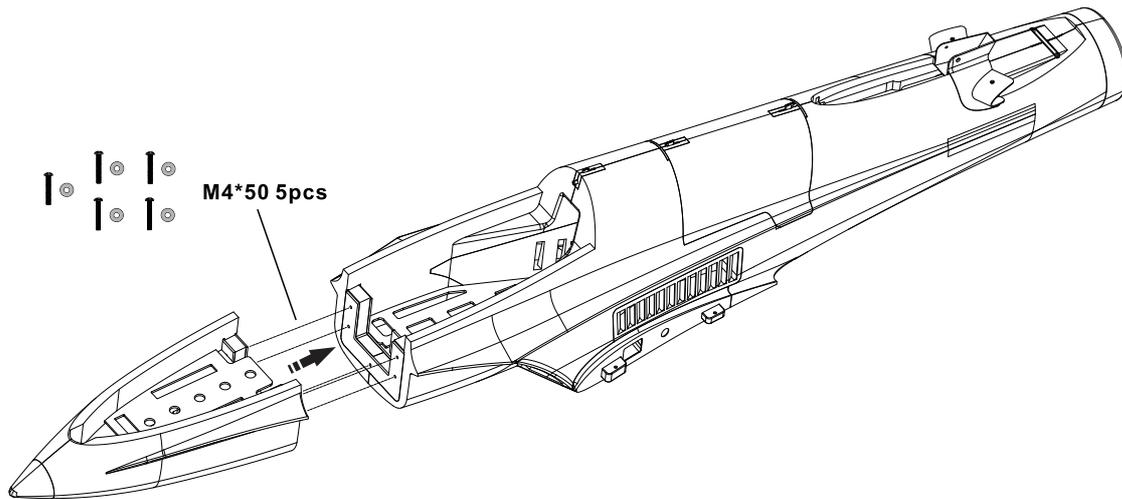
Parts

- (1) Nose *1
- (2) Fuselage *1
- (3) Canopy *1
- (4) Main Wing (Left & Right)*1
- (5) Stabilizer*1
- (6) Vertical tail*1
- (7) Landing gear sets*1
- (8) Mixed control board*1
- (9) Main rod*1
- (10) Push rods and gold balls*1
- (11) 7*32G and 2*12G Digital and Metal Gear Servos
- (12) Oil Tank (Turbine version)*1
- (13) Anti bubble tank (Turbine version)*1
- (14) 5. 5/6V 8A UBEC *1
- (15) Gear&Brake Control Box*1
- (16) Nozzle (Turbine version)*1



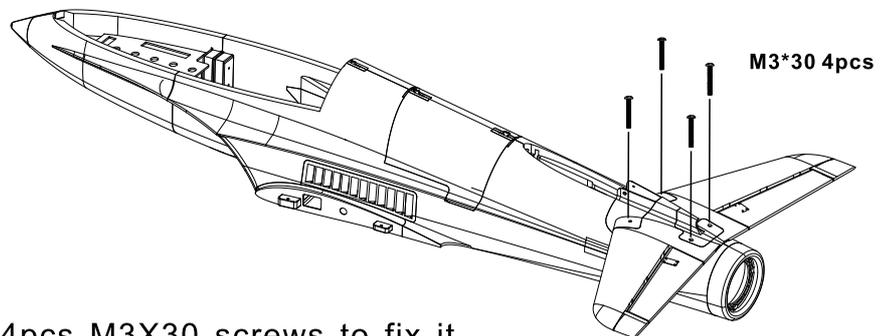
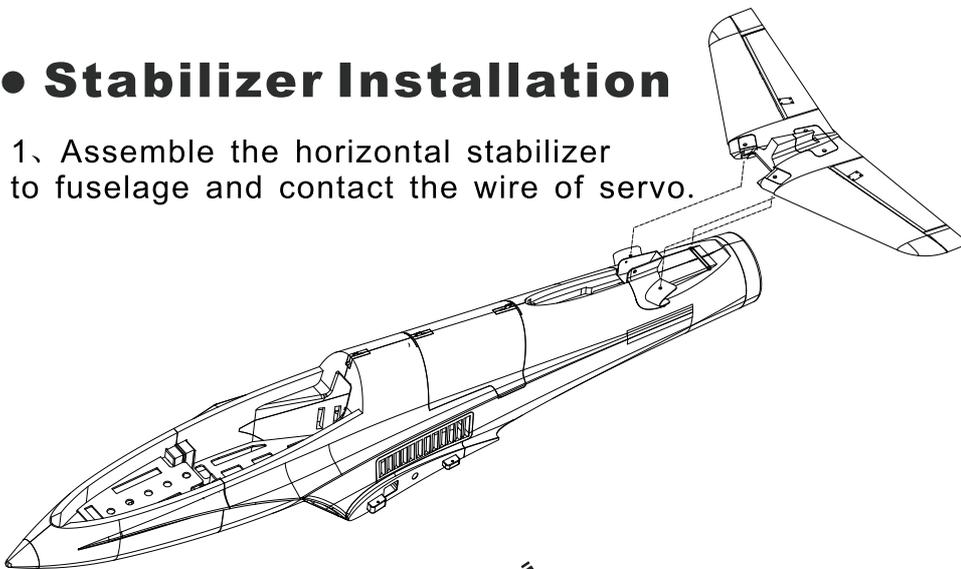
● Assembly

- 1、 5pcs M4*50 HEX screws to assemble nose and fuselage.



● Stabilizer Installation

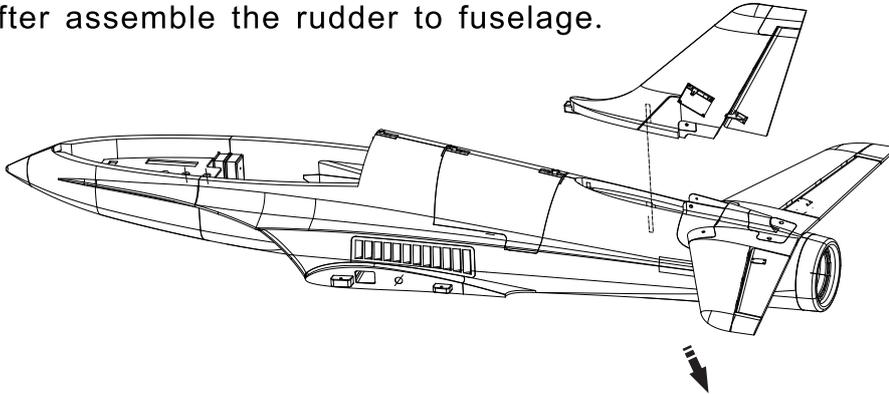
- 1、 Assemble the horizontal stabilizer to fuselage and contact the wire of servo.



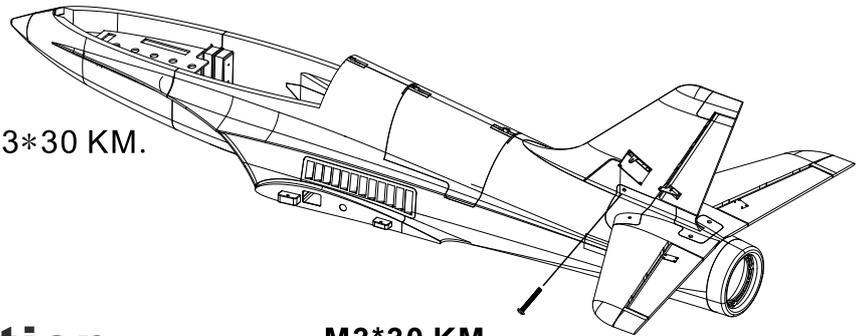
- 2、 4pcs M3X30 screws to fix it.
- 3、 Connect the wires of servos to extension line.

● Vertical tail Installation

- 1、 Connect the wires of servos to extension line after assemble the rudder to fuselage.



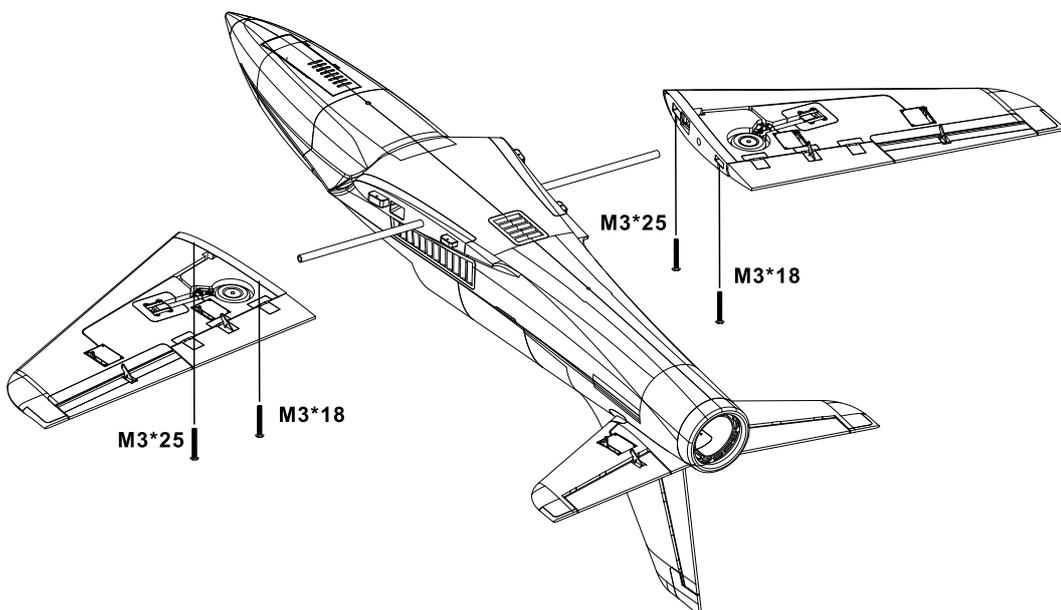
- 2、 Fix the rudder by the screw of M3*30 KM.



M3*30 KM

● Main Wing Installation

- 1、 Push the main rod into fuselage.
- 2、 Assemble the main wing as photo and connect the wires.
- 3、 Fixed the main wing by 2pcs M3X25 and 2pcs M3X18.



M3*25

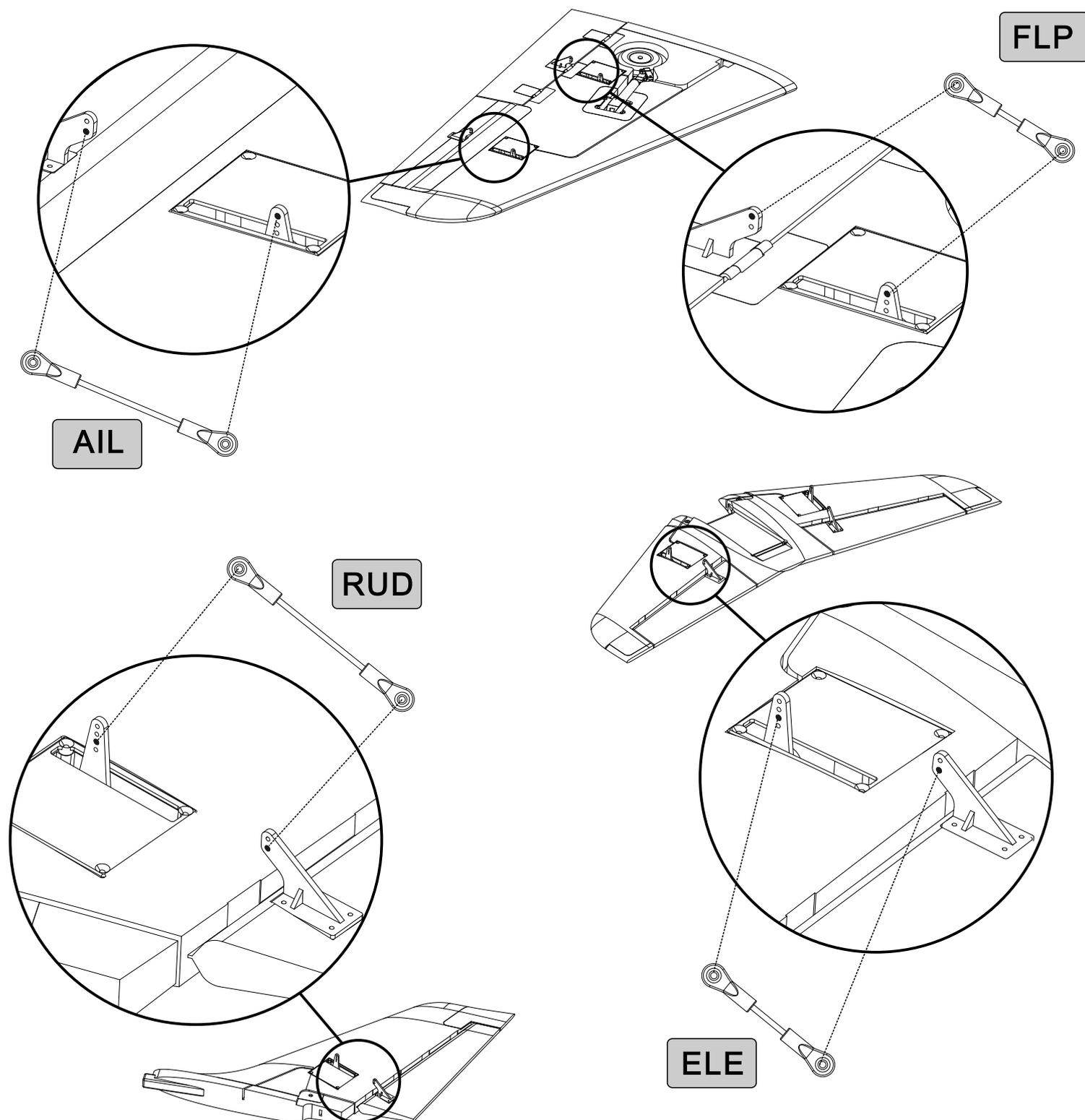
M3*18

M3*25

M3*18

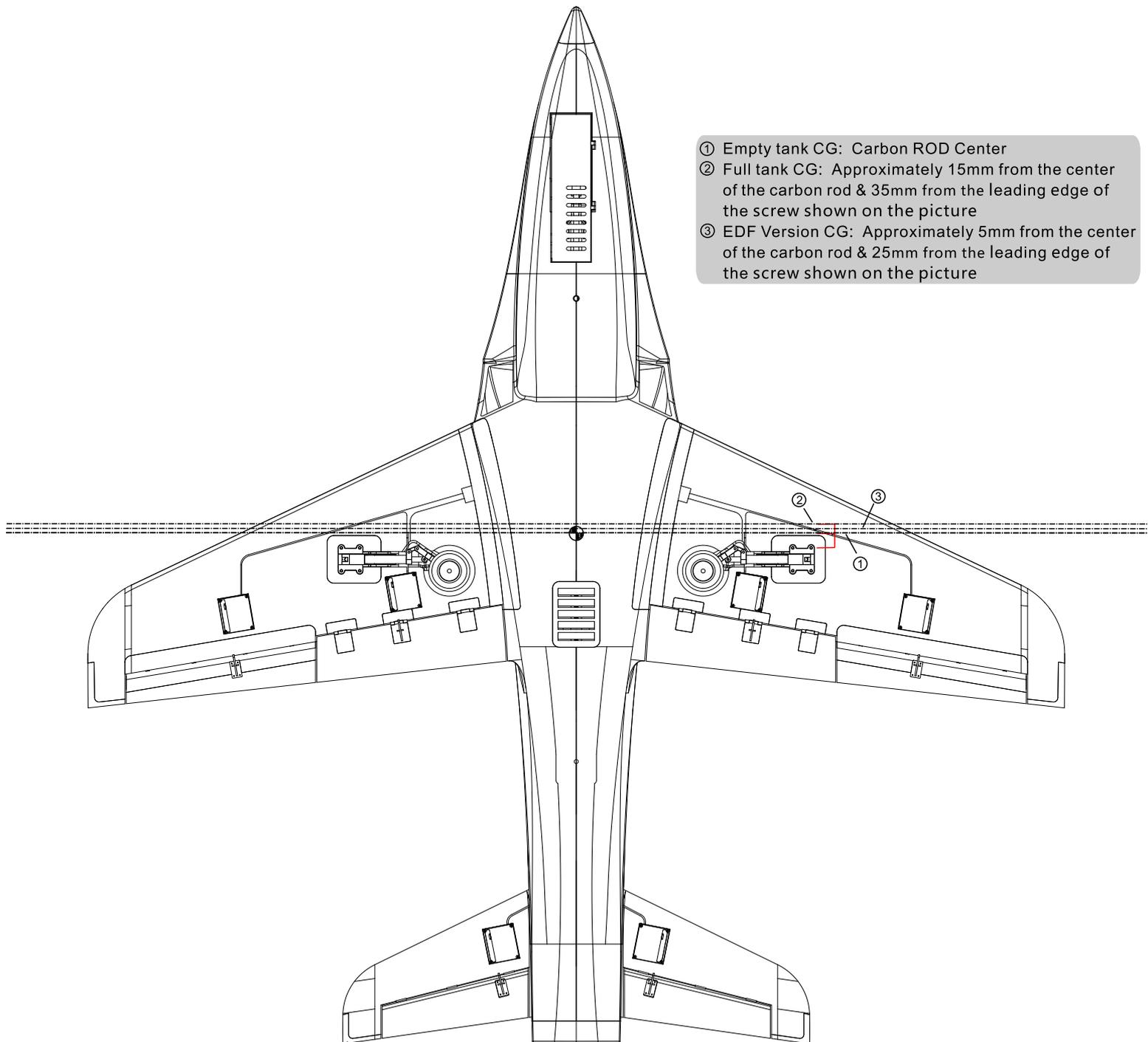
● Push rod Installation:

- 1、 Please back in the fine turning of Radio
- 2、 Connect the power of servos(without flap)
- 3、 Connect all push rods into servo arm as correct position.
- 4、 Adjust the length of push rods.



● CENTER OF GRAVITY

The correct CG is very important for your first flight. check your aircraft CG as following picture.



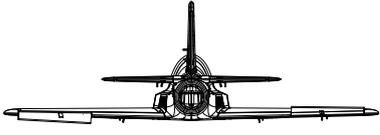
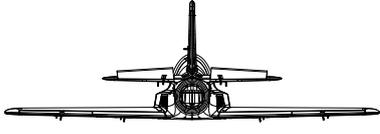
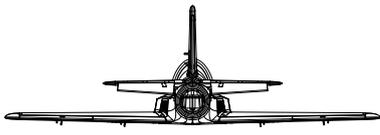
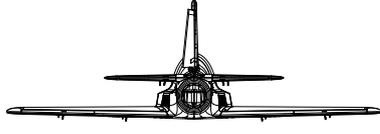
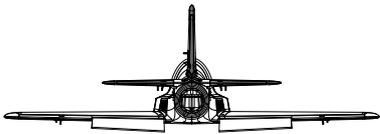
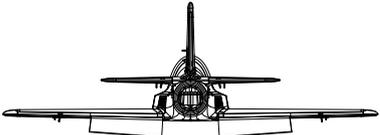
● Flight Control Surface Direction

After any adjustments, repeat the flight control sensing direction test, and the control direction test to confirm that all control surfaces respond according to the correct corresponding stick movement.

● Servo Configuration Reference

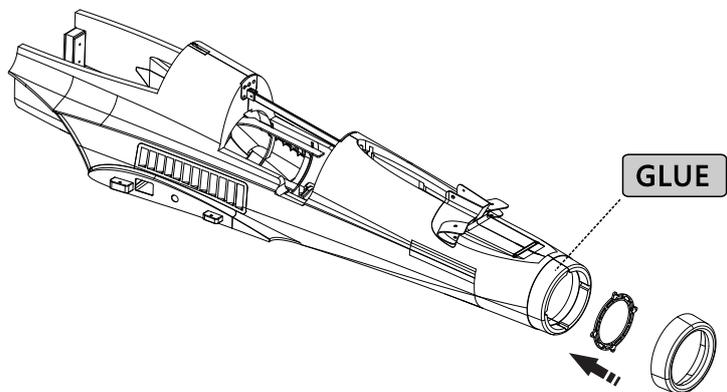
Aileron EXP:30%–50%

Elevator EXP:0–30%

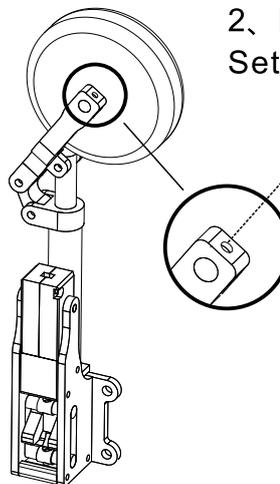
	Surface Deflection	Diagram
AILERON	20mm	
	20mm	
ELEVATOR	Up 25mm	
	Down 25mm	
RUDDER	Left 16mm	
	Right 16mm	
FLAP	30degree	
	70degree	

● Attention

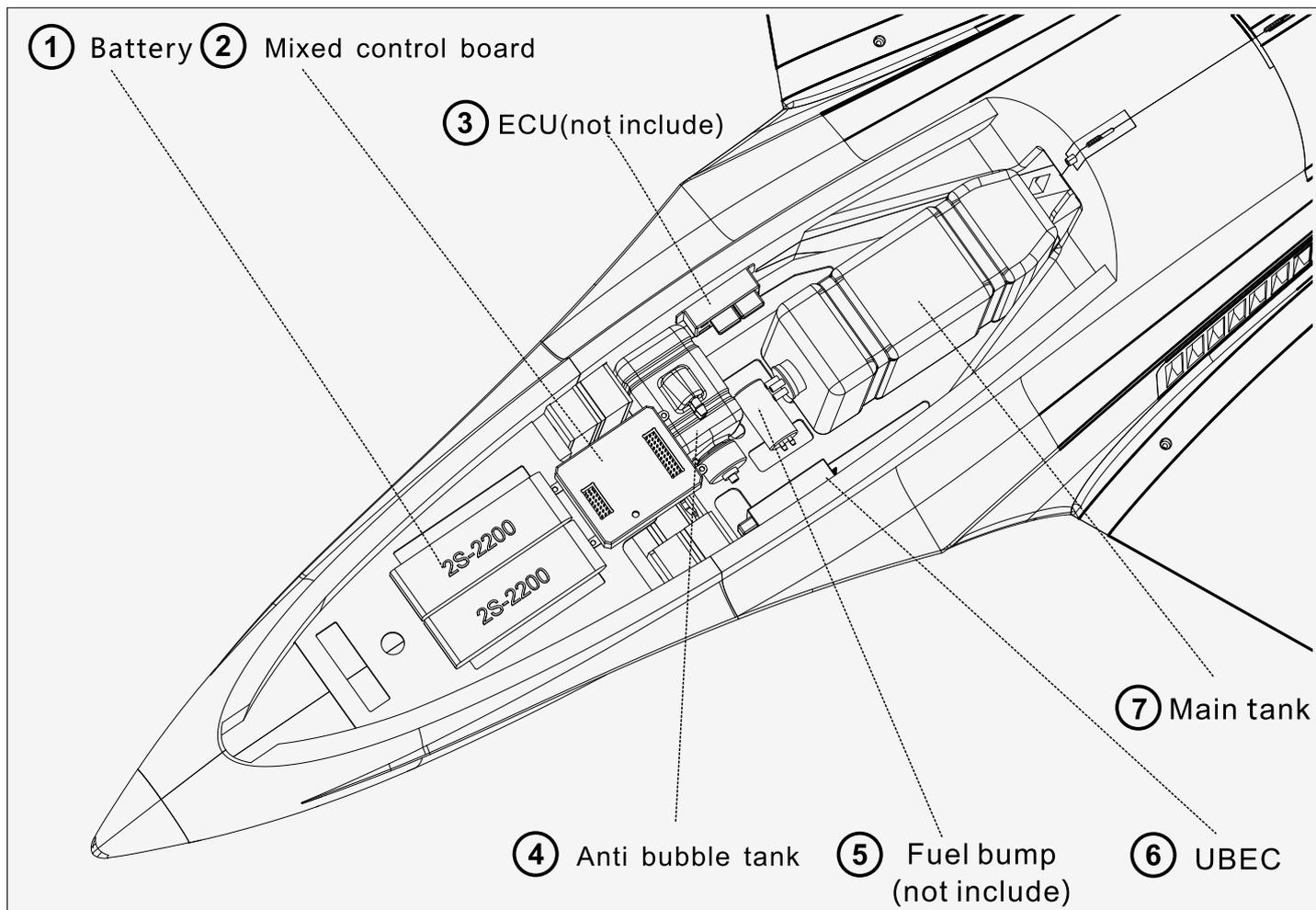
1、 Please glue the tail pipe.



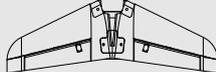
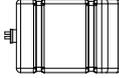
2、 Please double check the Set screws of it.



● The Position of Electron Parts for Reference:



• Replacement parts Listing

No.	Production code	Name	Picture	Price
1	Sk01001	Nose cone		
2	Sk01002	Fuselage		
3	Sk01003	Main Wing		
4	Sk01004	Stabilizer		
5	Sk01005	Vertical tail		
6	Sk01006	Canopy		
7	Sk01007	Main rod		
8	Sk01008	Front retract		
9	Sk01009	Back retract		
10	Sk01010	Mixed control box		
11	Sk01011	Main tank		
12	Sk01012	Anti bubble tank		
13	Sk01013	Nozzle		
14	Sk01014	Wooden parts for Nozzle		

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