

K-8 Karakorum Jet Trainer

64mm EDF RC JET

SPECIFICATIONS

| |
|-------------------------------------|
| Wingspan: 930mm |
| Length: 1026mm (without pitot tube) |
| Dry weight: 530g |
| Flying weight: 1150g (Full loading) |
| Wing loading: 72.6g/dm ² |

ELECTRONIC

| |
|----------------------------------|
| Power System: 6S/4S 64mm EDF x 1 |
| ESC: 40A ESC x 1 |
| Servos: 9g servos x 8 |
| Battery: 6S/4S Lipo |
| Radio: 6 Channel TX and RX |

RECOMMENDED BATTERY

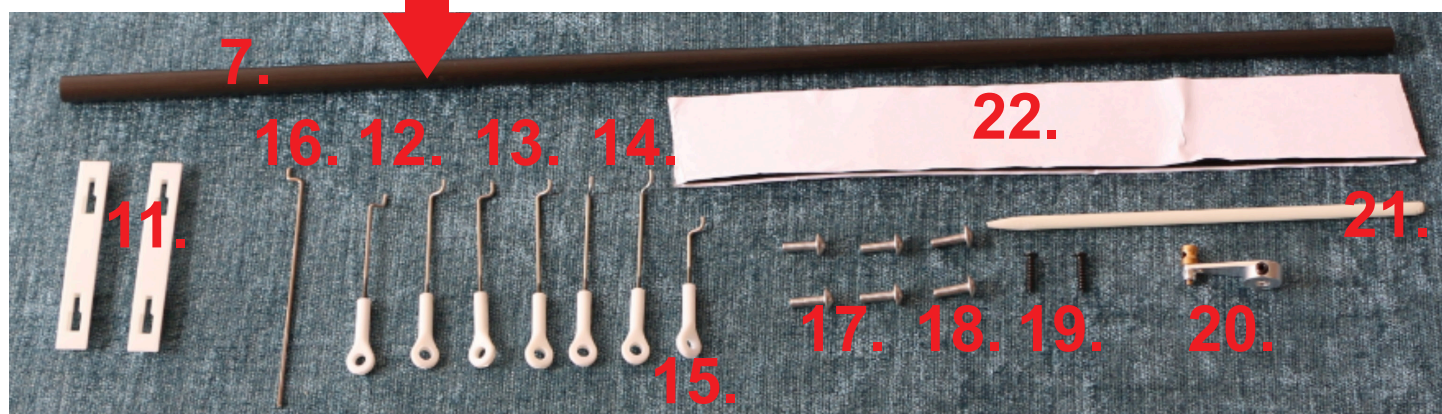
4S Version: 2200-2600mAh 4S Lipo; 6S Version: 2200-4200mAh 6S Lipo.

KIT TYPE

| KIT | KIT + Servos | PNP |
|----------------|--------------------------|--------------------------------------|
| Shock Absorber | KIT | KIT |
| Landing Gear | 9g Servo x 8 (Installed) | 9g Servo x 8 (Installed) |
| | | 40A ESC x 1 (Installed) |
| | | 4S: 2840-3200KV 64mm EDF (Installed) |
| | | 6S: 2840-2300KV 64mm EDF (Installed) |

CONTENTS OF KIT

- | | | |
|-------------------|---------------------------|-------------------------------------|
| 1. Fuselage*1 | 9. Landing Gear L*1 | 16. Front Wheel Pushrods*1 |
| 2. Left Wing*1 | 10. Landing Gear R*1 | 17. Screws for wings*4 (Silver) |
| 3. Right Wing*1 | 11. Drop Tank Pylon * 2 | 18. Screws for Tailplane*2 (Silver) |
| 4. Tailplane*1 | (Installed for Kit+S/PNP) | 19. Screws for EDF*2 (Black) |
| 5. Drop Tank L*1 | 12. Aileron Pushrods*2 | 20. Front Wheel Steering Arm*1 |
| 6. Drop Tank R*1 | 13. Flap Pushrods*2 | 21. Pitot Tube*1 |
| 7. Wing Tube*1 | 14. Elevator Pushrods*2 | 22. Velcro*1 |
| 8. Front Wheel *1 | 15. Rudder Pushrods*2 | |



Model Assembly

Tailplane Servo

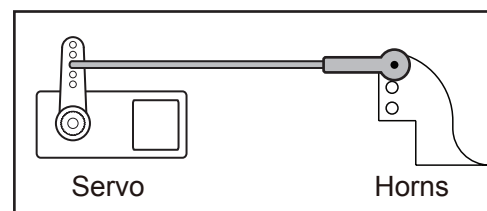
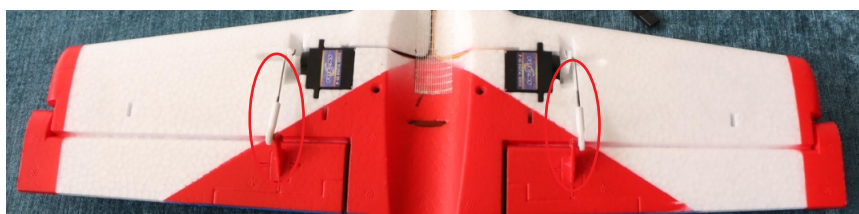
1. Set 9g servo to neutral point and screw on Servo arm. Glue the servo into the slot on the Horizontal Stabilizer. Suggested cable length is 15cm.

Caution: Require 1 normal and 1 reverse 9g Servo.



2. Adjust pushrods length then link the Servo arm and Control horn.

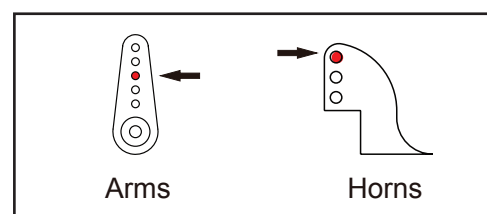
Caution: We suggest use the 3rd holes on Servo arm.



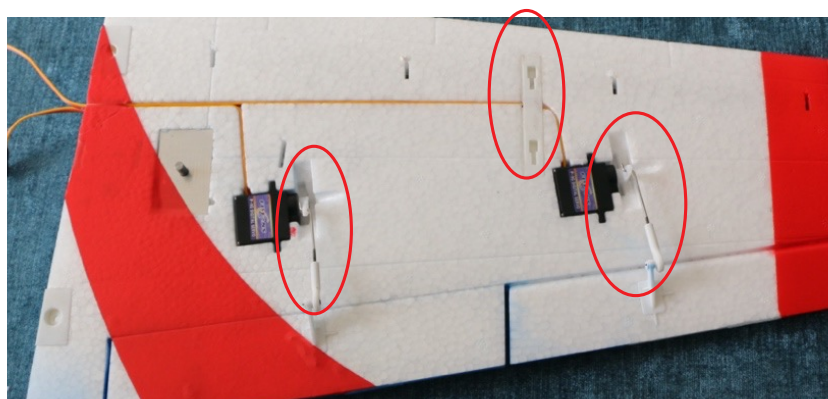
Flap and Aileron Servo

3. Set 9g servos to neutral point and screw on Servo arm. Glue servos into the slot. Make sure the Flap servo set to correct start point and correct flap moving direction.

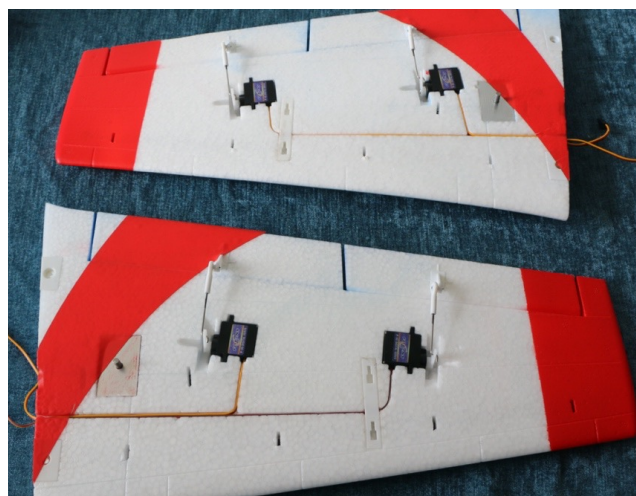
Caution: We suggest use the 3rd holes on Servo arm.



4. Align all cables along the cable slot. Glue Drop Tank pylon slot into the wing.



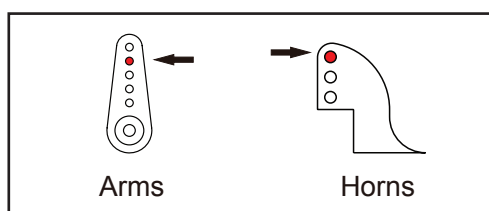
5. Same procedure with the other Wing.



Rudder Servo

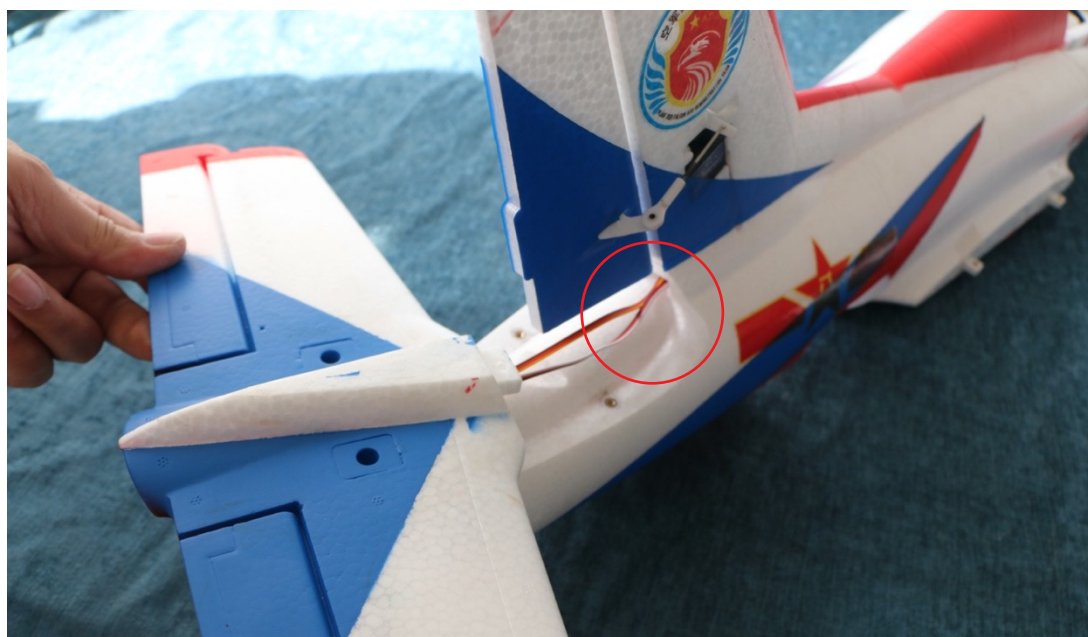
6. Set 9g servo to neutral point and screw on Servo arm.
7. Adjust pushrods length then link the Servo arm and Control horn.

Caution: We suggest use the 2nd holes on Servo arm.



Horizontal Stabilizer

8. Connect two Servo on Horizontal Stabilizer with Y cable. Insert the cable into Fuselage.

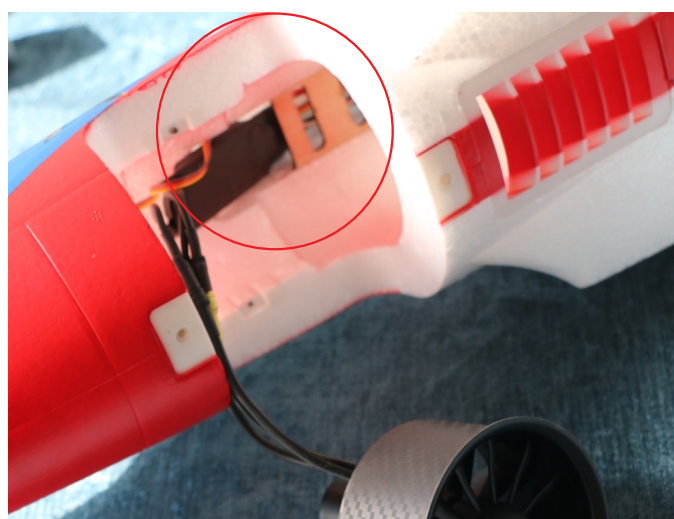


9. Install Horizontal Stabilizer onto fuselage.
Tighten the screws with 2.5mm hexagon key.



EDF & ESC

10. Install ESCs into the ESC compartment and connect ESCs to EDFs.
Do a test to make sure the power system working properly.



11. Install EDFs and fixed with 2 x black screws.

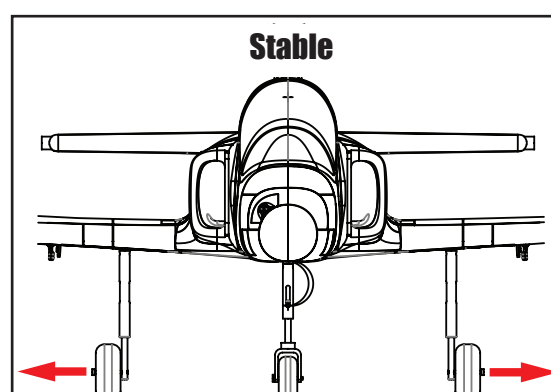
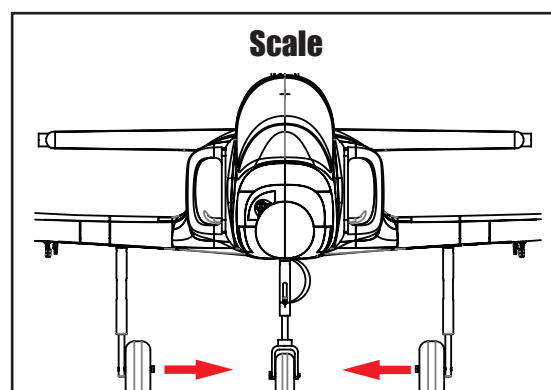


12. Put EDF cover back and secure with screws.



EDF & ESC

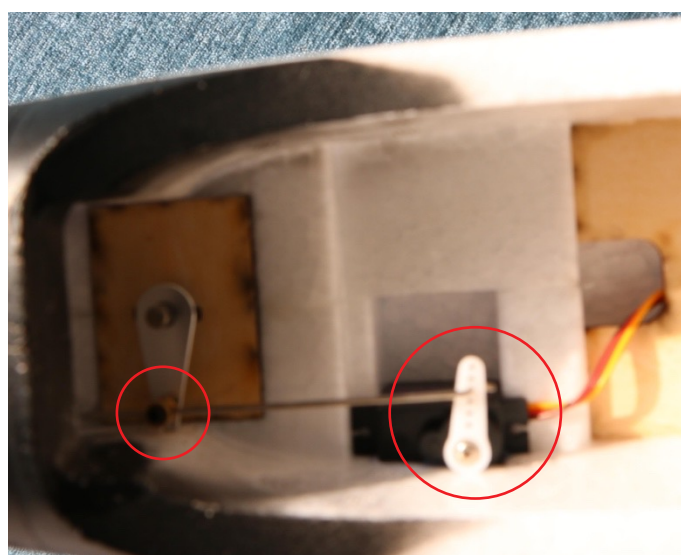
13. Install landing gear onto the base. Make sure the spring face forward.
For a scale looking, wheels suppose facing inside;
But outside facing installation would be beneficial for taxiing stability.



14. Insert steering shaft into front landing gear and fix with screw.

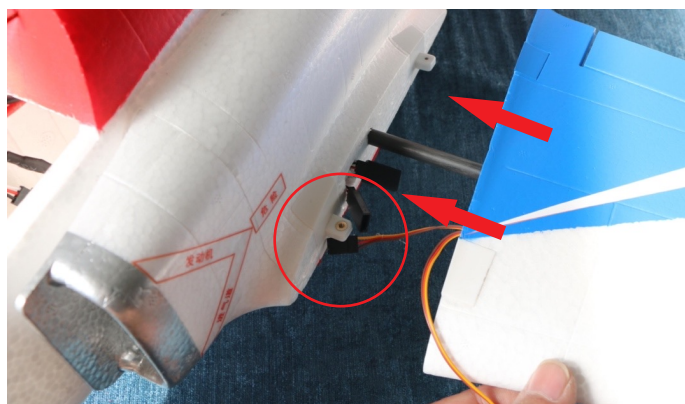


15. Link Front Wheel Steering Arm and servo arm with push rod.

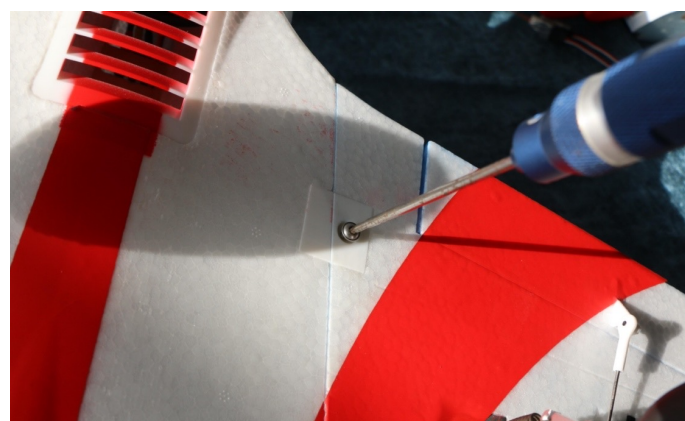


Main Wing

16. Insert carbon spar into fuselage.
Connect cables as per tag.



17. Install both wings and secure with screws.

**Accessories**

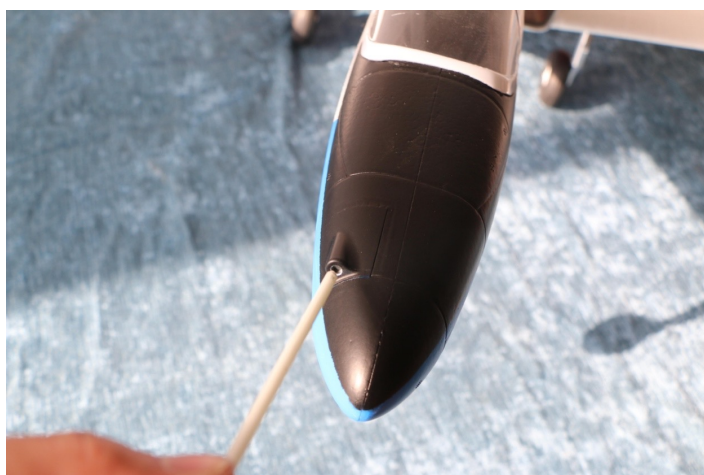
18. Slide both Drop Tanks into rails.



19. Install Pitot tube onto Nose cone.

Caution!

**This Pitot tube made of hard material,
strictly for display purpose only.
Please DO NOT take flight with it.**



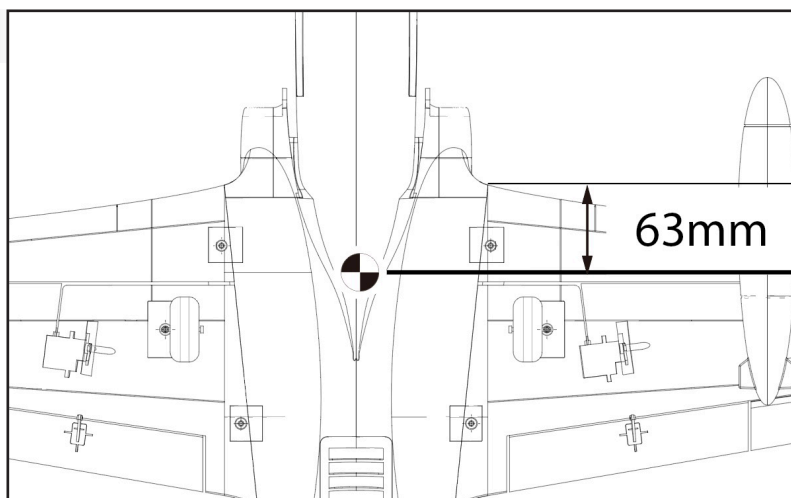
20. Then the assembly job is done. Enjoy!

Flight Setup

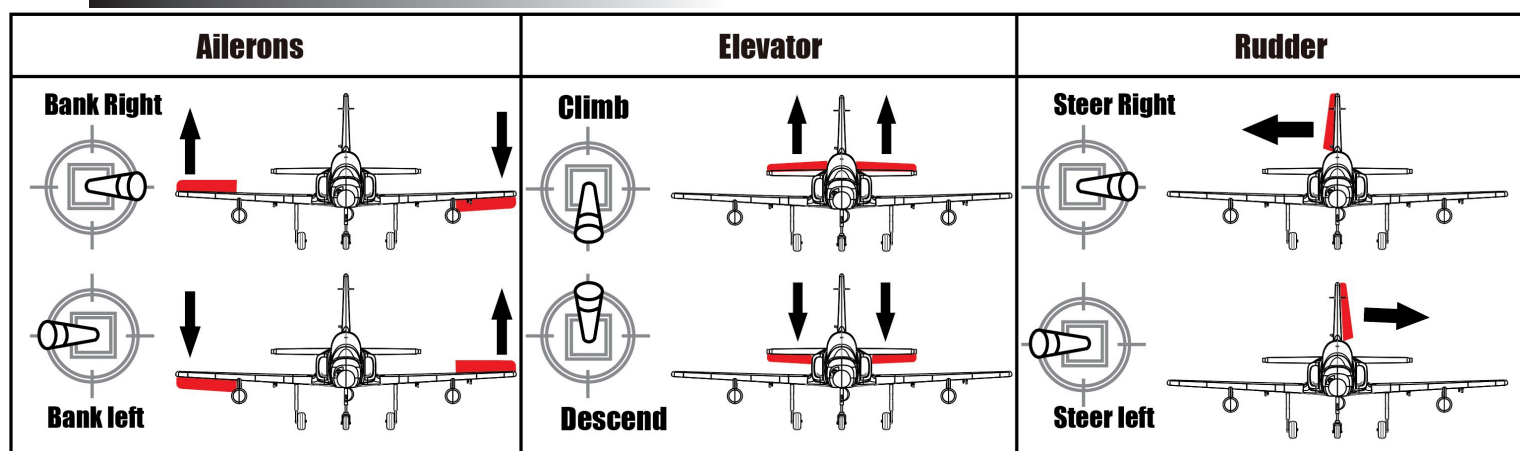
Check the C.G.

The Center of Gravity (CG) location is 63mm from the leading edge of the main wing (as shown) with the battery pack installed.

The center of gravity can be adjusted by moving the battery forward or aft.



Model Setup



Model Setup

We recommend dual rate setting for better flying experience.

When taking off and landing, Elevator and Aileron in low rate will make smooth move;

When taxiing on ground, Rudder in high rate will get smaller turning diameter;

When flying in air, low rate will make flight more stable. High rate is only for extreme maneuvering.

| | High Rate | Low Rate |
|----------|-----------|----------|
| Elevator | 80-90% | 35-45% |
| Aileron | 90-100% | 45-55% |
| Rudder | 80-90% | 35-45% |
| Flap | 75-85% | 40-50% |

WARNING

Rotating range of Flap servo is 90°. Please limit the Flap rotation less than 85° to avoid damage.

Tips

- Move the battery forward or backward as necessary so the model is level slightly nose down.
- Battery range is 2200-4200mah or even heavier for 6S setup (Depends on battery).
- When drop the flap off, the plane will slow down quickly. Please keep flight speed to avoid stall.
- Fully decrease the throttle when start landing procedure. Before the model touches down, using a bit throttle to keep enough energy for proper flare.