



Mikoyan-Gurevich Mig-25

TWIN 64mm EDF RC JET

SPECIFICATIONS

Wingspan: 912mm
Overall length: 1430mm
Dry weight: 1510g
Flying weight: 2670g (Full loading)
Wing loading: 98.6g/dm ²

ELECTRONIC

Power System: Twin 6S 64mm EDF Units
ESC: Twin 40A - 60A ESC
Servos: 9g servos x 7, 17g servos x 2
Battery: 22.2V 3300-5200mAh Lipo
Radio: 7 Channel Transmitter and Receiver

RECOMMENDED BATTERY

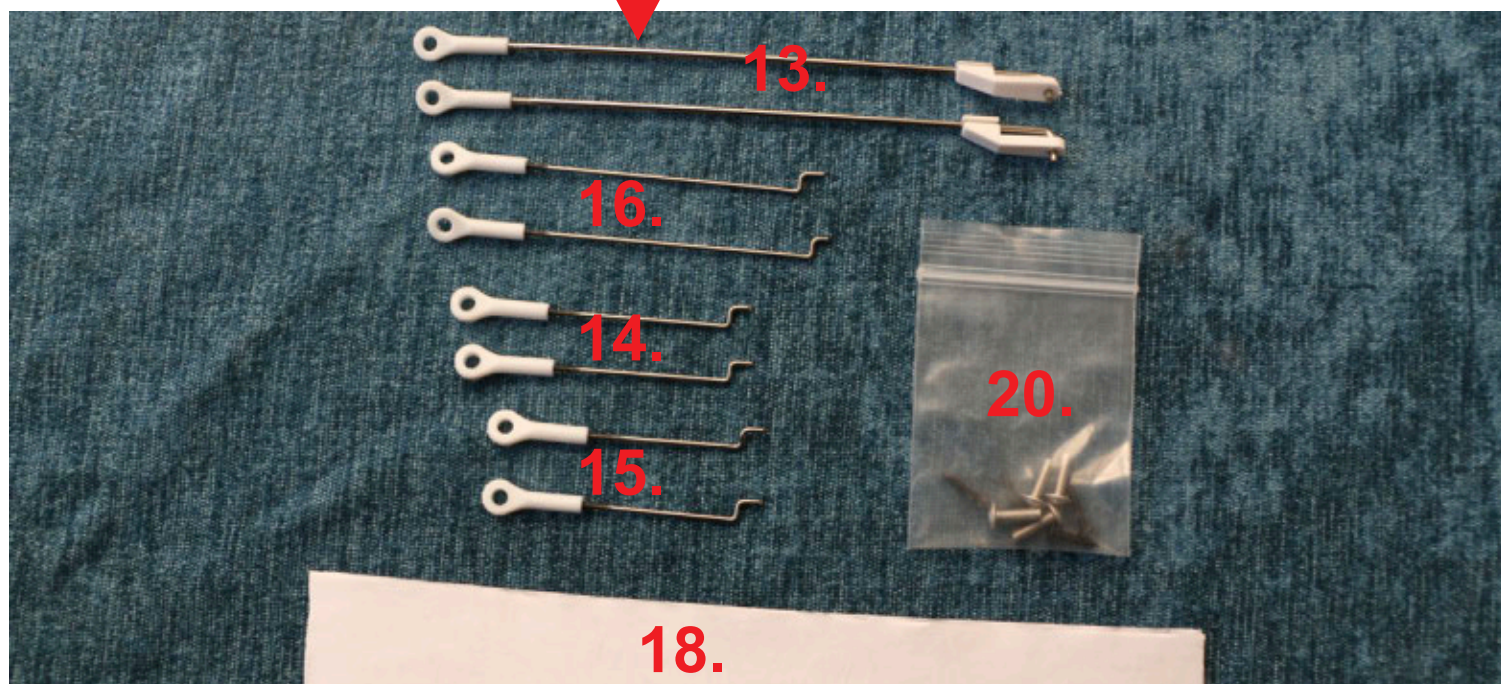
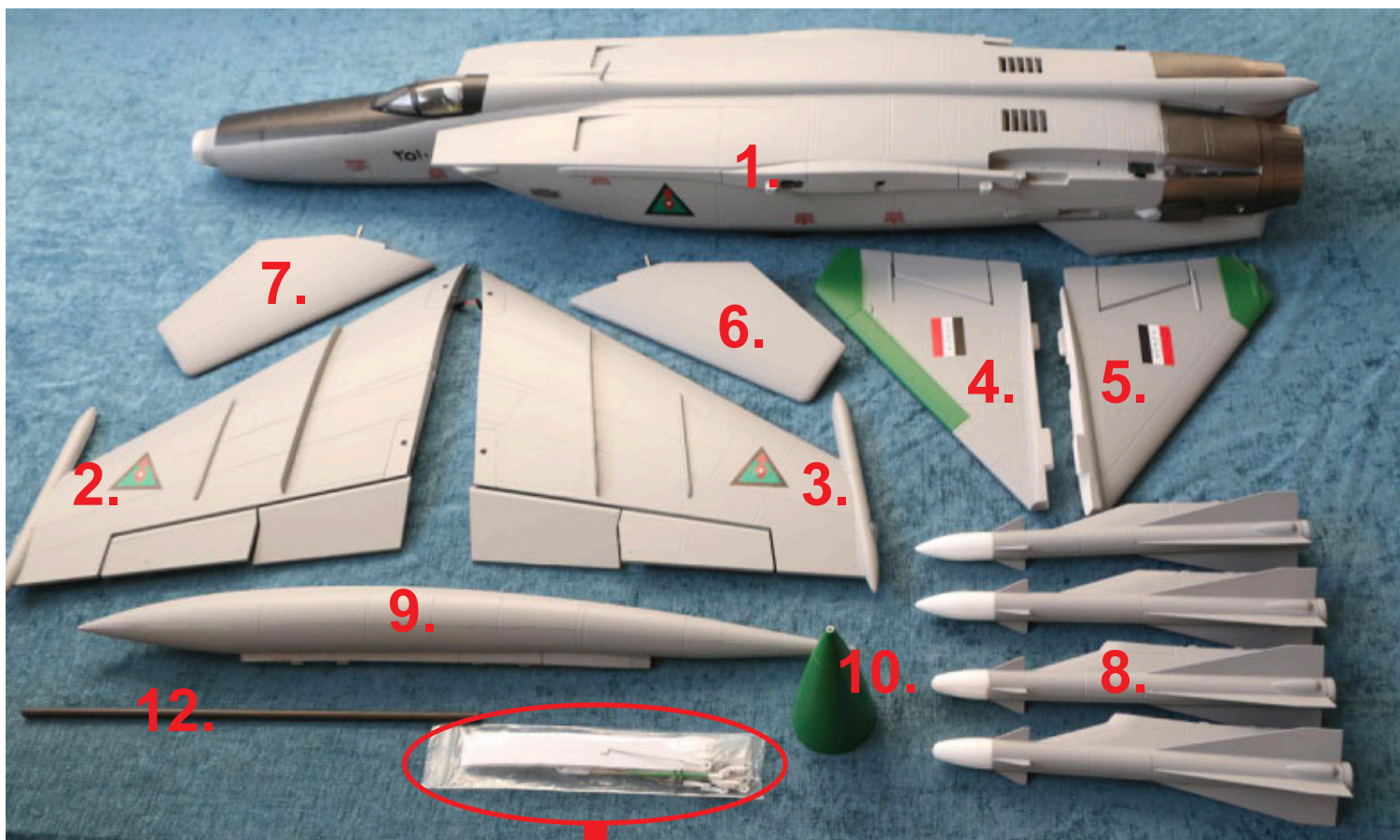
Range of 3300-5200mAh 22.2V 6S High performance Lipo. 6S 4200mAh is the best fit.

KIT TYPE

KIT	KIT + Servos	PNP
40g Retract	KIT	KIT
Shock Absorber CNC	9g Metal Servo x 7 (Installed)	9g Metal Servo x 7 (Installed)
Landing Gear	17g Metal Servo x 2 (Installed)	17g Metal Servo x 2 (Installed)
4 x flight lights		40A ESC x 2 (Installed)
		2840/2300KV 64mm12 blades
		EDF x 2 (Installed)

CONTENTS OF KIT

- | | | |
|-----------------------------|-----------------------------|-------------------------------|
| 1.Fuselage*1 | 7.Horizontal Stabilizer R*1 | 14. Aileron Pushrods*2 |
| 2.Left Wing*1 | 8.Missile Set | 15.Flap Pushrods*2 |
| 3.Right Wing*1 | 9.Fuel Tank*1 | 16.Rudder Pushrods*2 |
| 4.Vertical Stabilizer L*1 | 10.Nose Cone*1 | 17.Front Wheel Pushrods*1 |
| 5.Vertical Stabilizer R*1 | 12.Wing Tube*1 | 18.Velcro*1 |
| 6.Horizontal Stabilizer L*1 | 13.Elevator Pushrods*2 | 19.Screws for wings*4(Silver) |
| | | 20.Screws for EDF*4(Black) |



Model Assembly (KIT only)

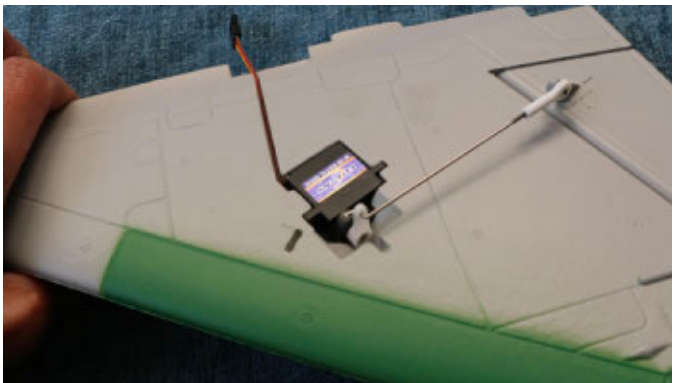
Rudder Servo

1. Set 9g servo to neutral point and screw on Servo arm. Glue the servo into the slot on the Rudder.

We suggest the cable length is 10cm.

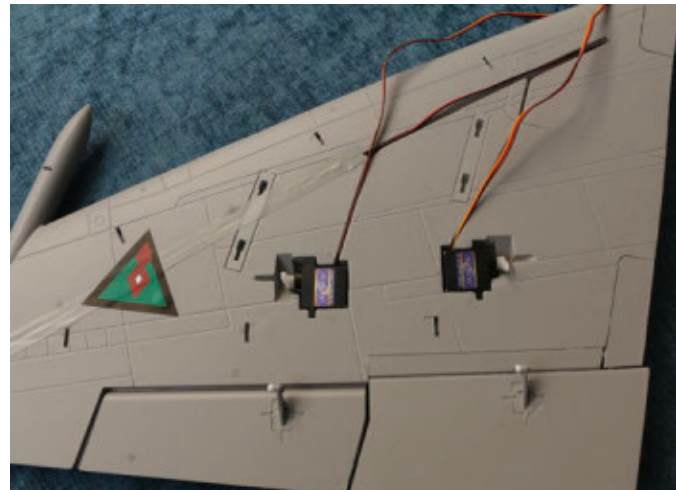


2. Adjust pushrods length then link the Servo arm and Control horn.
3. Same procedure on the other Rudder.

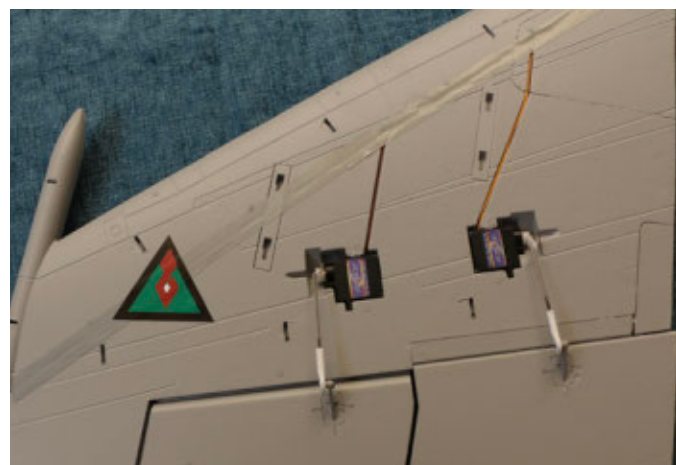


Flap and Aileron Servo

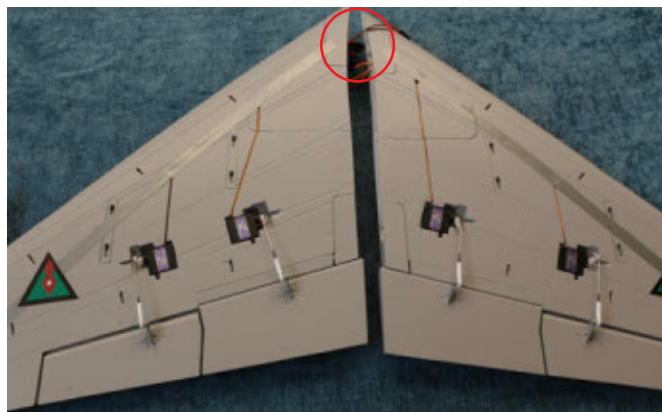
4. Set 9g servos to neutral point and screw on Servo arm. Glue servos into the slot. Make sure the Flap servo set to correct start point and correct flap moving direction.



5. Adjust pushrods length then link the Servo arm and Control horn. Make sure the control surface level to the Wing edge.



6. Same procedure with the other Wing.
Then align all cables along the cable slot then insert into the plastic part at the leading edge of the main wing.



7. Keep all unnecessary cables inside the plastic part.



Front Wheel Servo

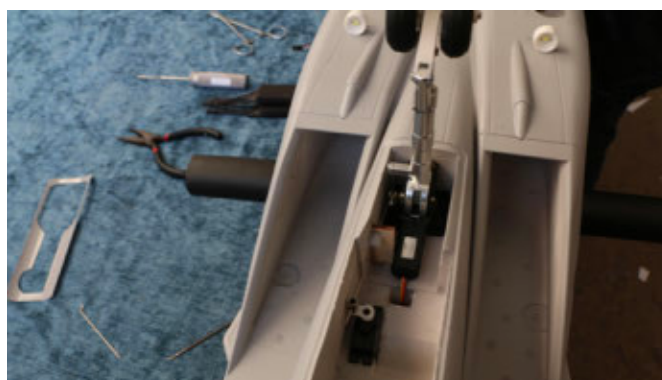
8. Open Battery hatch then connect to RX, Lipo and drop landing Gear out.



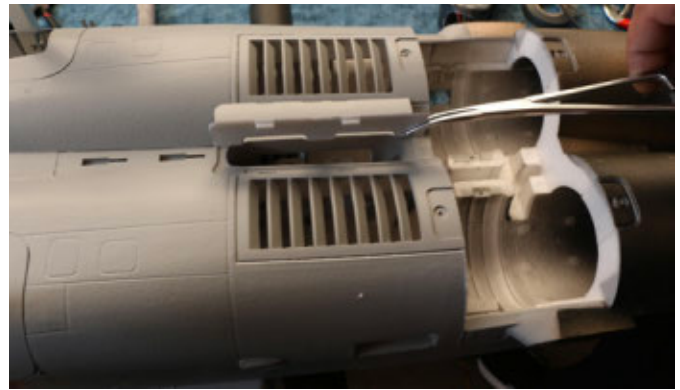
9. Set 9g servo to neutral point and screw on Servo arm.



10. Glue the servo into the slot.
Adjust pushrods length then link the Servo arm and Front Wheel Control Horn.
Then glue the landing gear cover on.



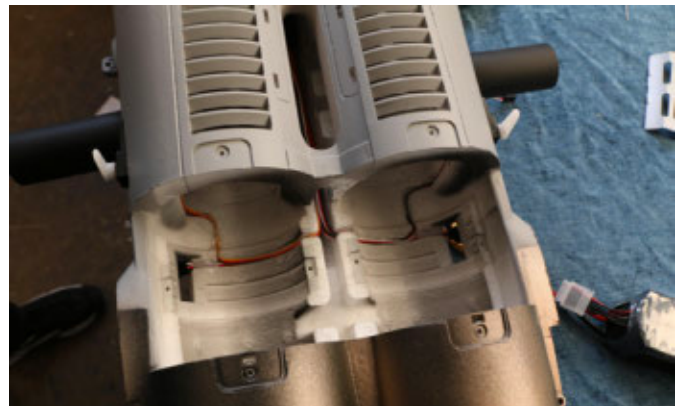
11. Take EDF cover and ESC cover out.



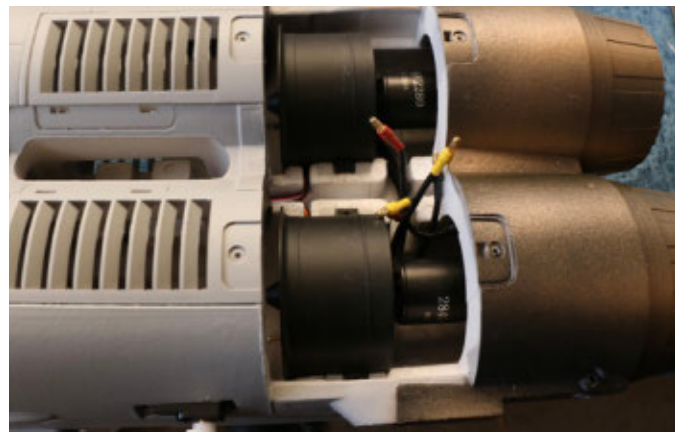
12. Glue Horizontal Stabilizer Servo into the slot.
Require 1 normal and 1 reverse 17g Servo.



13. Organise servo cables along the slot.



14. Install EDFs and fixed with screws.

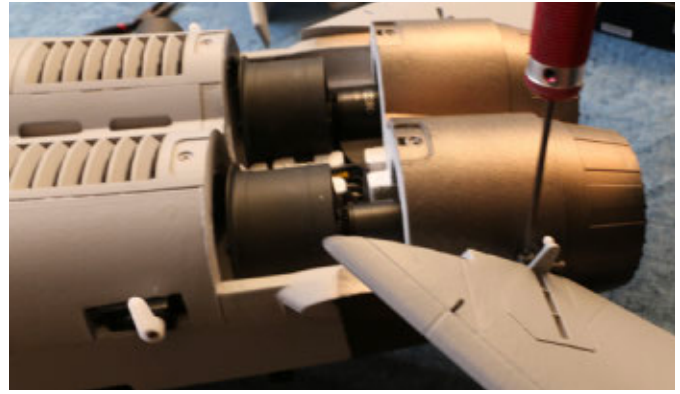


15. Install ESCs into the ESC compartment and connect ESCs to EDFs. Do a test to make sure the power system working properly.



Elevator

16. Install Elevator on both sides.
Tighten the screws with 1.5mm hexagon key.



17. Adjust pushrods length then link the Servo arm and Elevator Control Horn.



ESC & EDF Covers

18. Put ESC cover back.
Secure EDF cover with screws.



Vertical Stabilizer

19. Connect Rudder servo cable to extension plug.
Glue both Vertical Stabilizers onto fuselage.



Main Wing

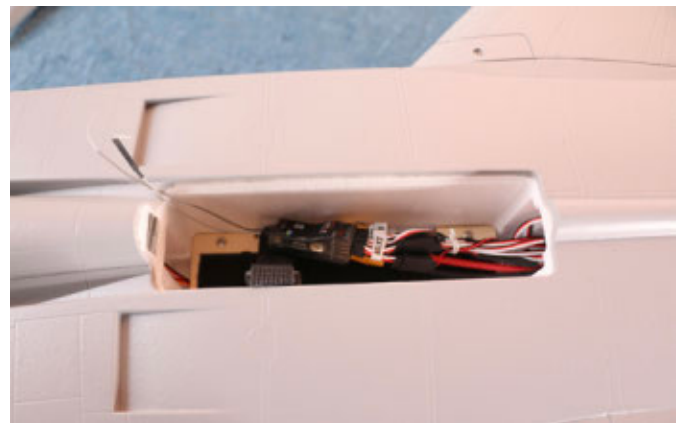
20. Insert carbon spar into fuselage.
Then install both wings and secure with screws.



Receiver

21. Connect servo cables with your receiver in the order shown.

	Receiver
1	Aile
2	Elev
3	Thro
4	Rudd
5	Gear
6	Flap
	Channel-1 —Aileron
	Channel-2 —Elevator
	Channel-3 —Throttle
	Channel-4 —Rudder
	Channel-5 —Gear
	Channel-6 —Flap

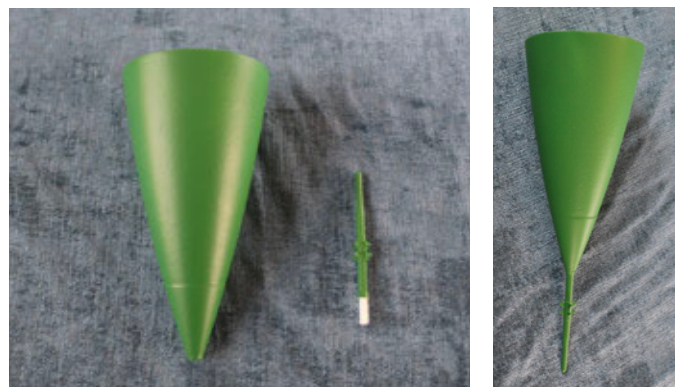


22. Then keep Receiver and Cables in the Receiver compartment.



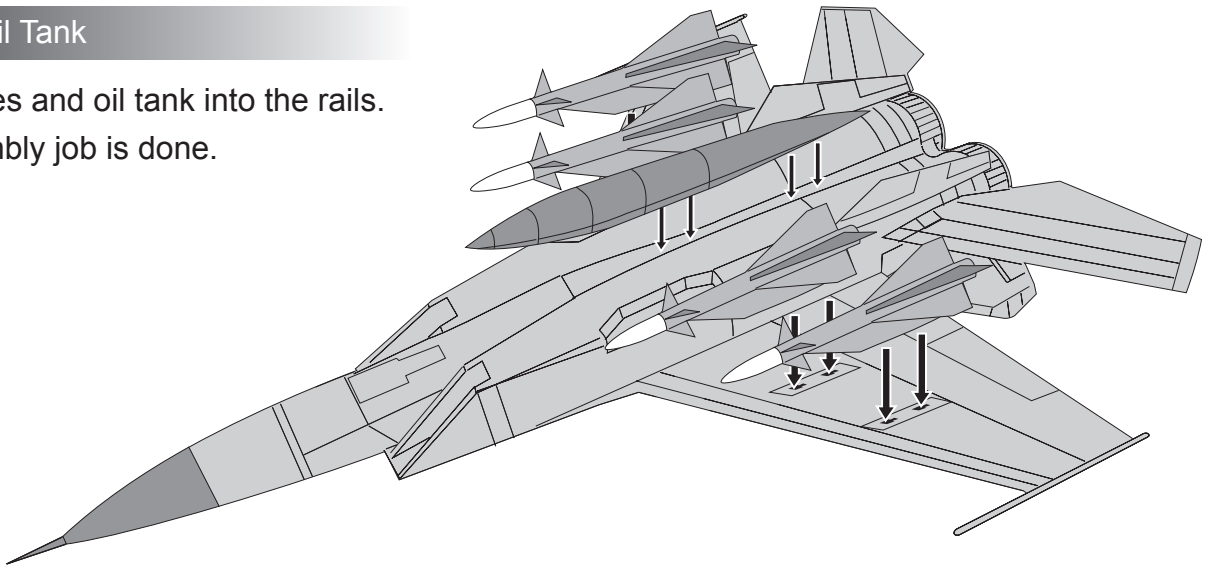
Pitot tube

23. Install Pitot tube onto Nose cone.



Missiles and Oil Tank

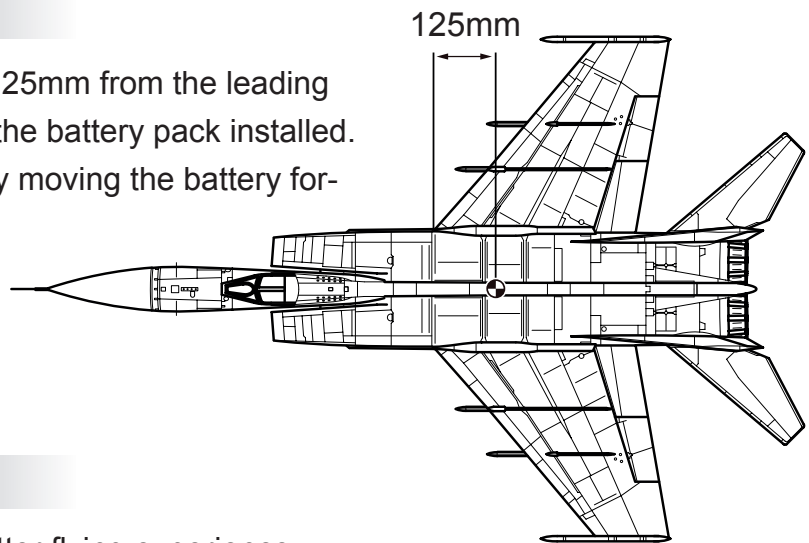
24. Slide the missiles and oil tank into the rails.
Then the assembly job is done.



Flight Setup

Check the C.G.

The Center of Gravity (CG) location is 125mm 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.



Control throws

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	100%	80%
Aileron	105%	80%
Rudder	100%	75%
Flap	100%	70%

WARNING

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

Tips

Tail heavy will get Mig-25 stall and spin at low speed. So when balancing your model, adjust the battery as necessary so the model is level or slightly nose down. If the tail is heavy in the first flight, please throttle up to keep speed and avoid stall.

Mig-25 can lift off in short distance, so no need of flaps when taking off. But Flaps can reduce the landing speed and distance. No necessary of Elev / Flap compensation.