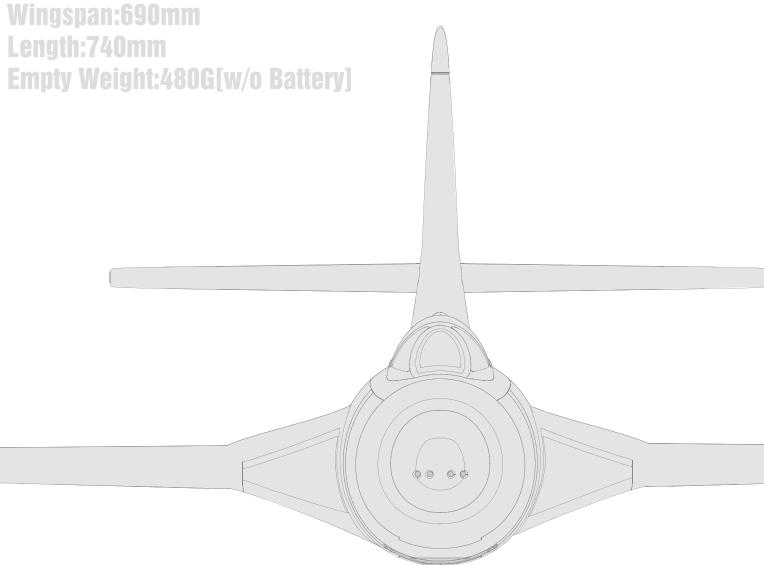


Freewing 64mm EDF JET F9F Panther User Manual





Catalog

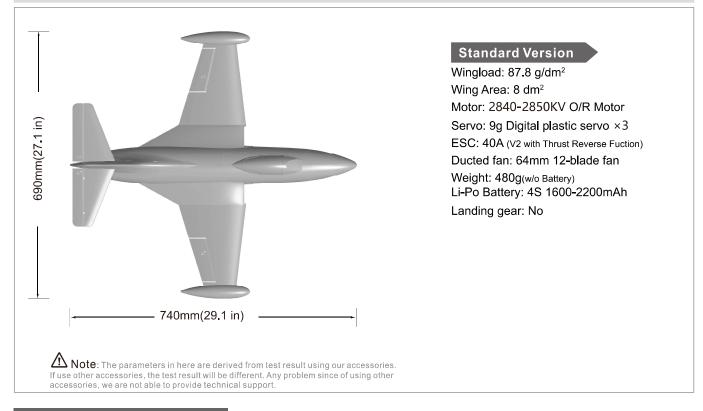
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Note:

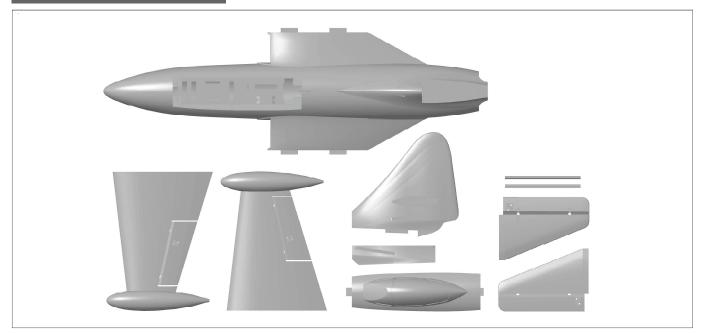
- 1. This is not a toy! Operater should have a certain experience, beginners should operate under the guidance of professional players.
- 2.Before install, please read through the instructions carefully and operate strictly under instructions.
- 3. Cause of wrong operation, Freewing and its vendors will not be held responsible for any losses.
- 4.Model planes' players must be on the age of 14 years old.
- 5. This plane used the EPO material with surface spray paint, don't use chemical to clean, otherwise it will damage.
- 6.You should be careful to avoid flying in areas such as public places, high-voltage-intensive areas, near the highway, near the airport or any other place where laws and regulation clearly prohibit.
- 7.You cannot fly in bad weather conditions such as thunderstorms, snows....
- 8.Model plane's battery, don't allowed to put in everywhere. Storage must ensure that there is no inflammable and explosive materials in the round of 2M range.
- 9.Damaged or scrap battery should be properly recycled, it can't discard to avoid spontaneous combustion and fire.
- 10. In flying field, the waste after flying should be properly handled, it can't be abandoned or burned.
- 11.In any case, you must ensure that the throttle is in the low position and transmitter switch on, then it can connect the lipo-battery in aircraft.
- 12.Do not try to take planes by hand when flying or slow landing process. You must wait for landing stop, then carry it.

NOTE: This is not a toy. Not for children under 14 years. Young people under the age of 14 should only be permitted to operate this model under the instruction and supervision of an adult. Please keep these instructions for further reference after completing model assembly.

Product Basic information



Package List



Different equipment include different spareparts. Please refer to the following contents to check your sparepart list.

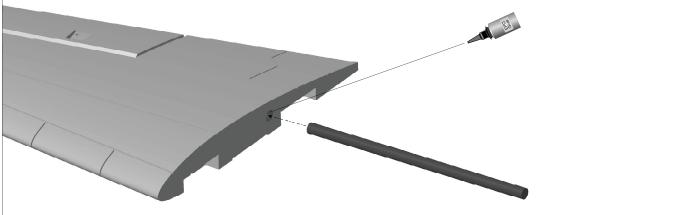
No.	Name	PNP	ARF Plus
1	Fuselage	Pre-installed all electronic parts	Pre-installed servo
2	Main wing	Pre-installed all electronic parts	Pre-installed servo
3	Horizontal tail		
4	Vertical tail		

No.	Name	PNP	ARF Plus
5	Pushrod	\checkmark	\checkmark
6	Glue	\checkmark	\checkmark
7	Manual	\checkmark	\checkmark

Install Main Wing

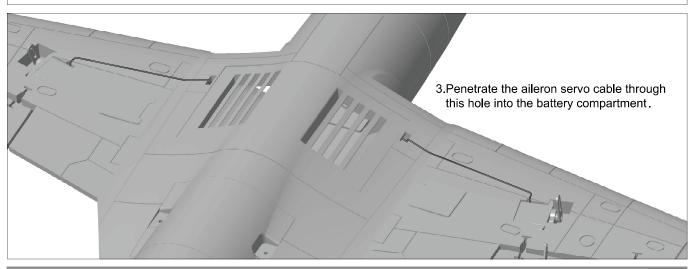
As the photo show:

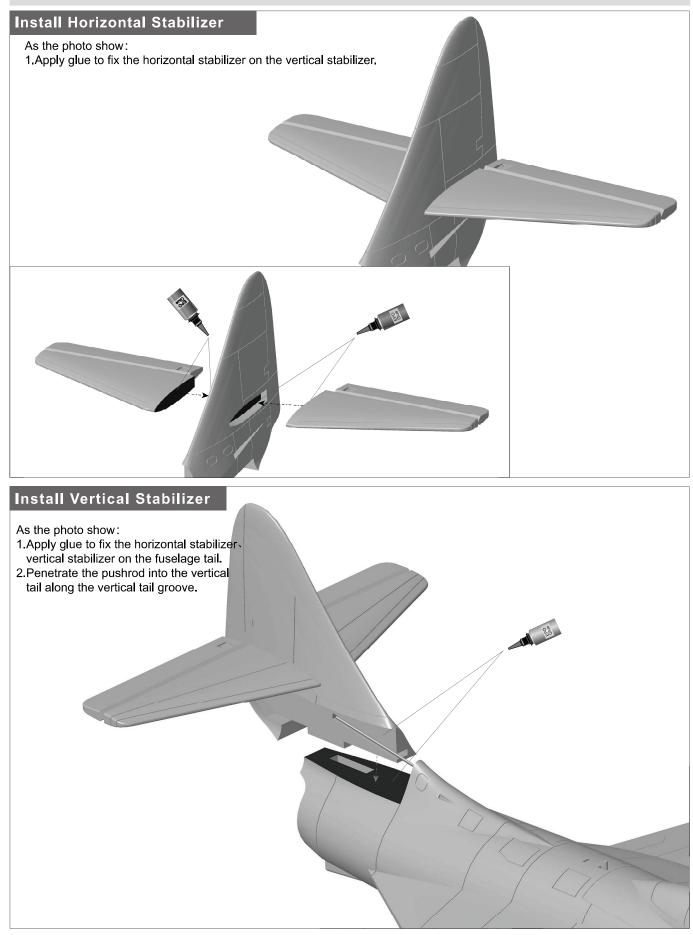
1 Apply gule to fix the carbon tube on the left/right wing.

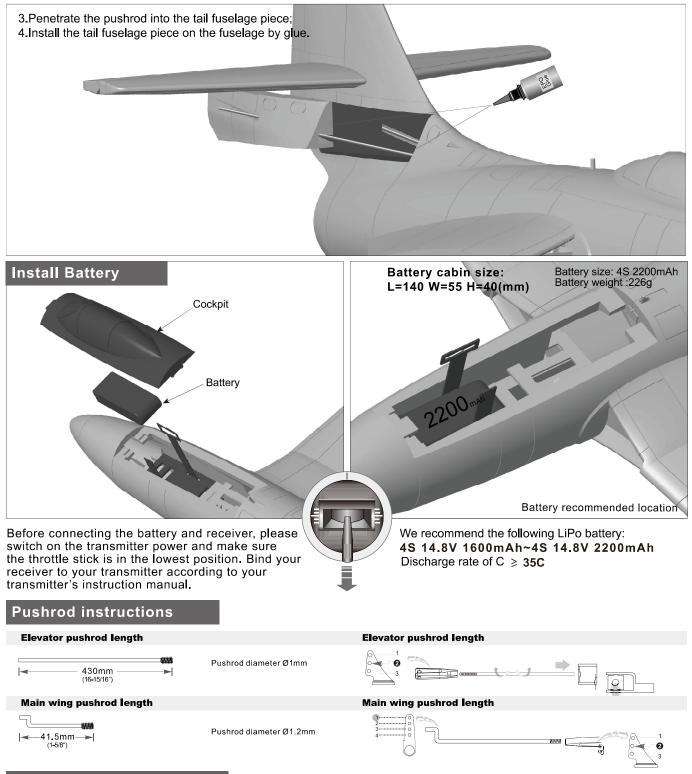


2. Apply glue to fix the main wing on the fuselage.









Important additional notes

The Y-type clevis used in this product is equipped with a transparent silicone ring for secondary reinforcement, which can effectively prevent the clevis from accidentally loosening.

As shown in the following figure, when you buckle the clevis into the control surface horn, use the silicone ring to cover the clevis.







Freewing 64mm F9F Panther Item No.: F1701 Version No.: F1701–01

Center of Gravity

Correct Center of Gravity ("CG") is critical for enabling safe aircraft stability and responsive control. Please refer to the following CG diagram to adjust your aircraft's Center of Gravity.

- Depending on the capacity and weight of your choosen flight batteries, move the battery forward or backward to adjust the Center of Gravity.
- If you cannot obtain the recommended CG by moving the battery to a suitable location, you can also install a counterweight to achieve correct CG. However, with the recommended battery size, a counterweight is not required. We recommend flying

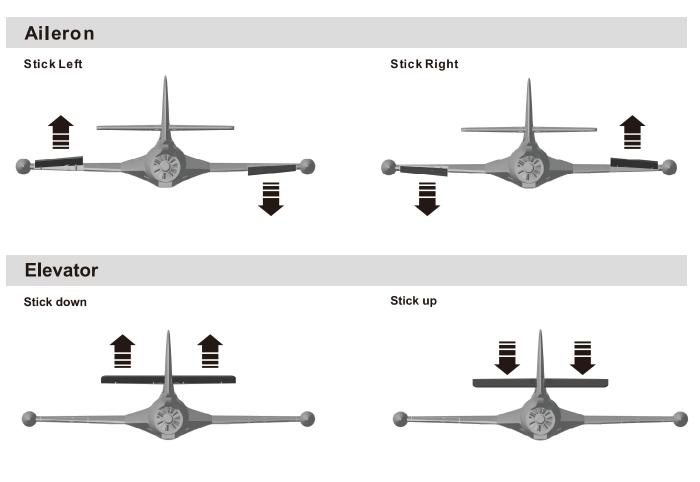
without unnecessary counterweight.



PNP Parameter Setting

Control Direction Test

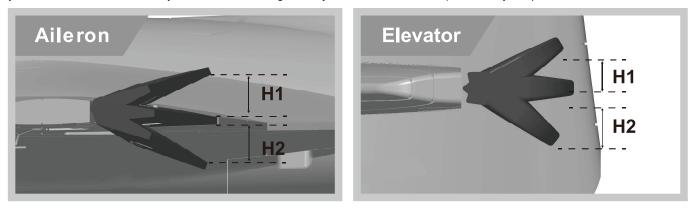
After installed the plane, before flying, we need a fully charged battery and connect to the ESC, then use radio to test and check that every control surface work properly.



PNP Parameter Setting

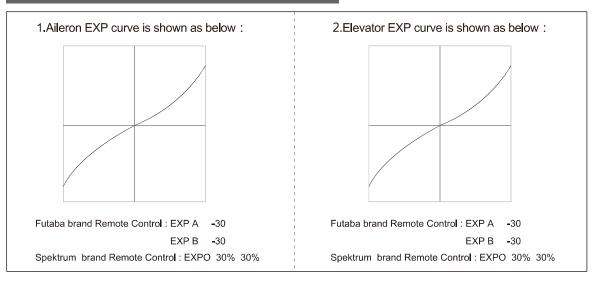
Dual Rates

According to our testing experience, use the following parameters to set Aileron/Elevator Rate. Program your preferred Exponential % in your radio transmitter. We recommend using High Rate for the first flight, and switching to Low Rate if you desire a lower sensitivity. On successive flights, adjust the Rates and Expo to suit your preference.

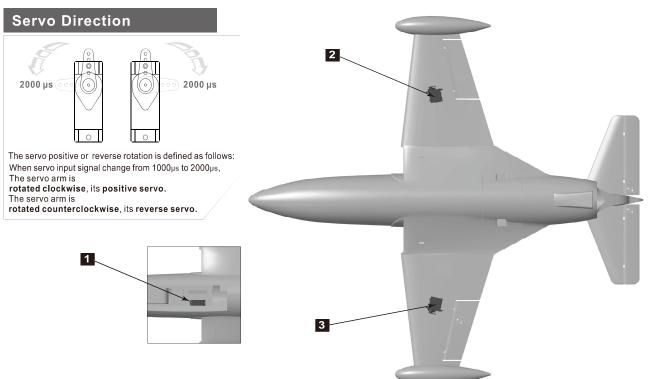


	Aileron (Measured closest to the fuselage)	Elevator (Measured closest to the fuselage)
Low Rate	H1/H2 7mm/7mm D/R Rate: 30%	H1/H2 7mm/7mm D/R Rate: 60%
High Rate	H1/H2 12mm/12mm D/R Rate: 50%	H1/H2 10mm/10mm D/R Rate: 80%

Remote Control EXP Setting Suggestion



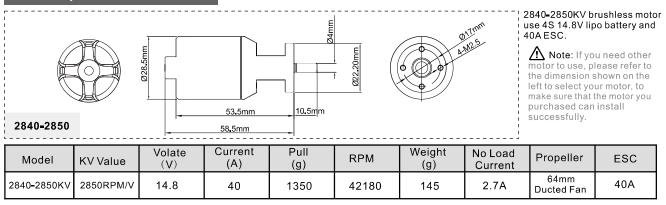
Pre-Installed Component Overview



If you need to purchase another brand's servo, please refer to the following list to choose a suitable servo.

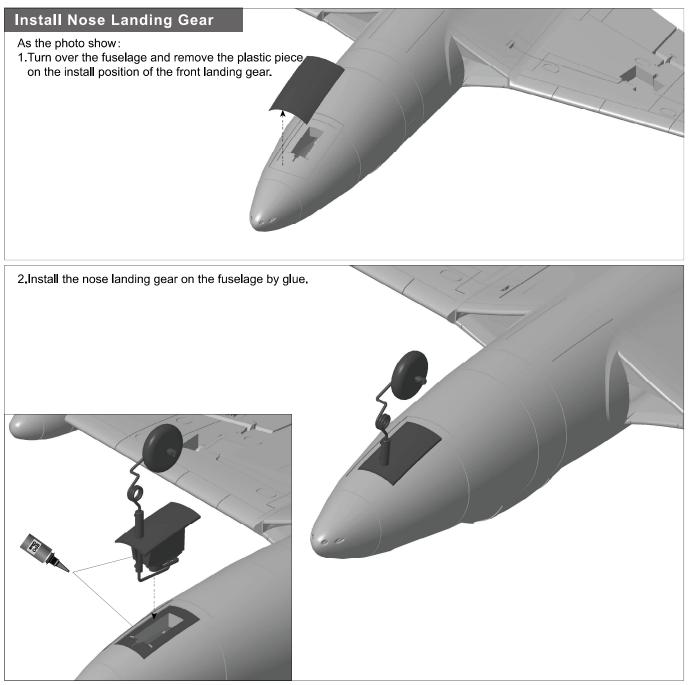
Position	Servo regulation	No.	Pos. / Rev.	Cable length
Fuselage	9g p l astic servo	1	Positive	100mm
Main wing(L)	9g p l astic servo	2	Positive	300mm
Main wing(R)	9g p l astic servo	3	Positive	300mm

Motor Specification



Landing gear is the optional part, please consult with the local distributor to purchase, and refer to the following instructions to install.

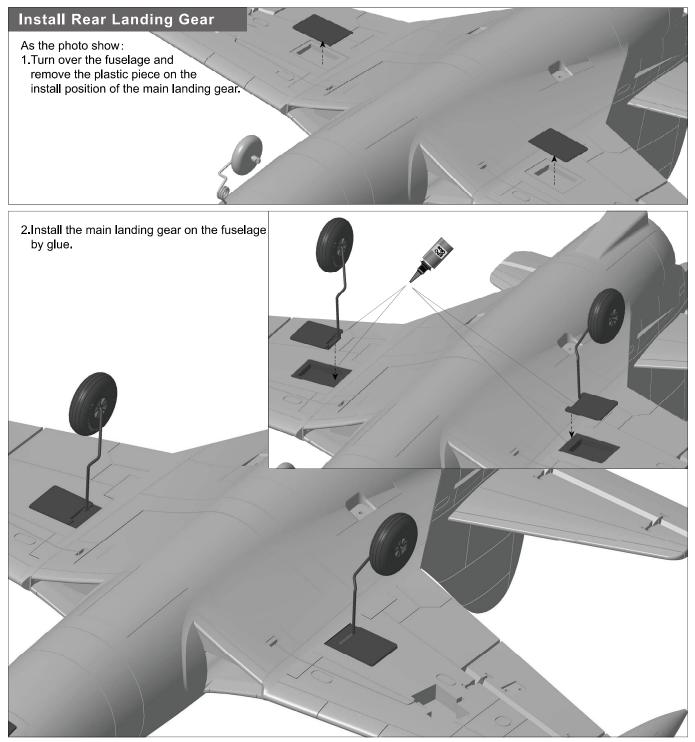
Please refer to the following photo for assembly and installation of the landing gear.



Landing Gear Assemble

Landing gear is the optional part, please consult with the local distributor to purchase, and refer to the following instructions to install.

Please refer to the following photo for assembly and installation of the landing gear.





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