Night Devil EPP Airplane Instruction Manual

DANCING WINGS HOBBY

Specification

Wingspan: 1000mm
Length: 820mm
Flying Weight≈730g

Suggested Equipment

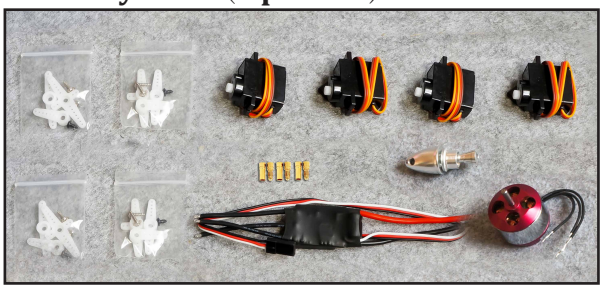
Motor: 2216 900-1100KV
ESC: 20A
Propeller: 9-10 inch
Servos: 9g*4
Battery: 3s 2200-2600mAh
Radio≥4CH

Preparation Tool

Accessories include

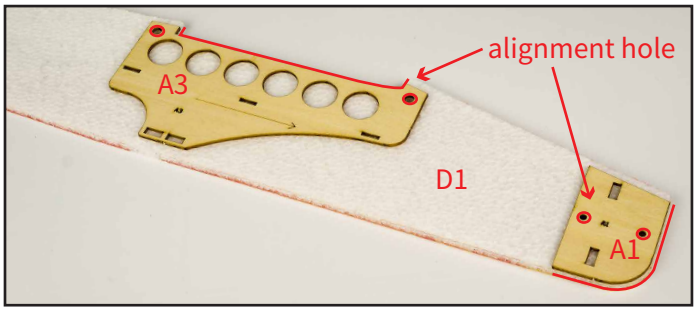
A:wood sheets B1:steel wire pushrod
B2:cabon sheets C1:front landing gear
C2:middle landing gear D1-7:EPP sheets
E:screws,EZ-Connector,servo horn
F1:wireless remote switch (optional)
F2:JST extension wire G:wood sticks
H:propeller I:rubber band

Power System（Optional）

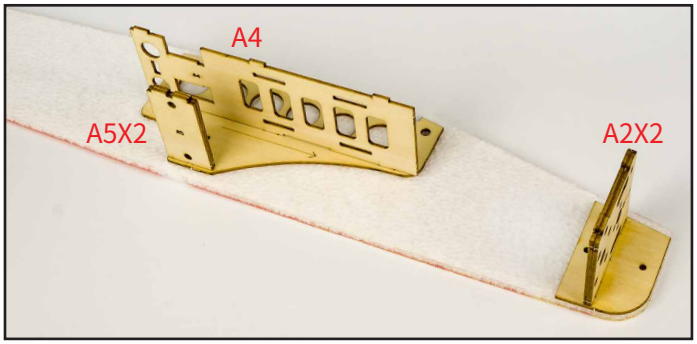


How to Assemble

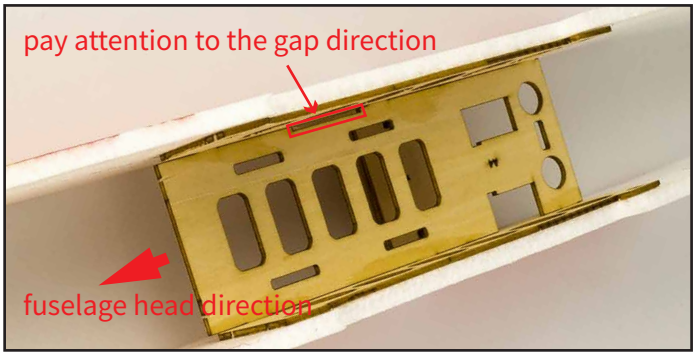
1.Paste the wood sheet A3 and A1 onto the D1 by foam glue,pay attention to aim at the preserved holes and put in the right direction.(paste the other side of D1 in same way)

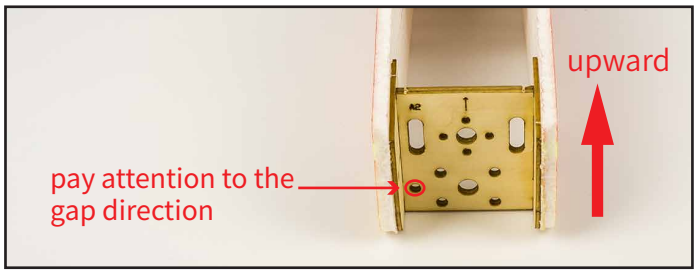


2.Take down the wood sheet A2,A4 and A5,and assemble as picture shown.(Do not glue them now)

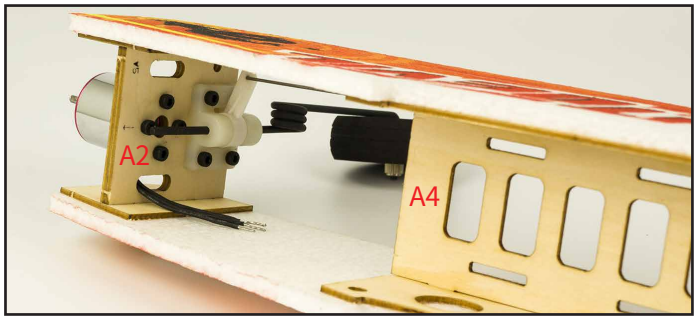


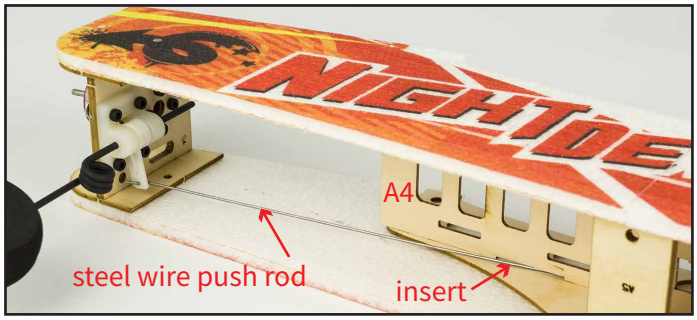
3.Paste together the finished D1 and components from step 2,pay attention to the direction of wood sheets A4 and A2.Adjust and paste by glue 502.

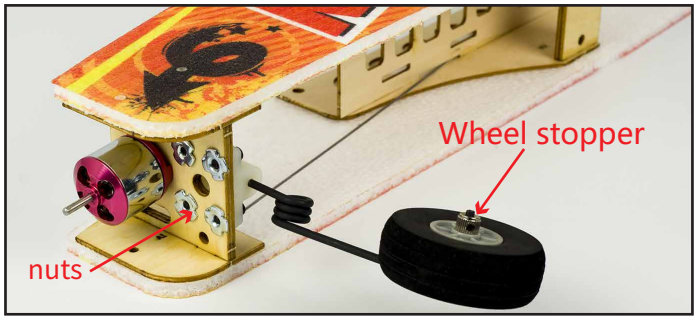




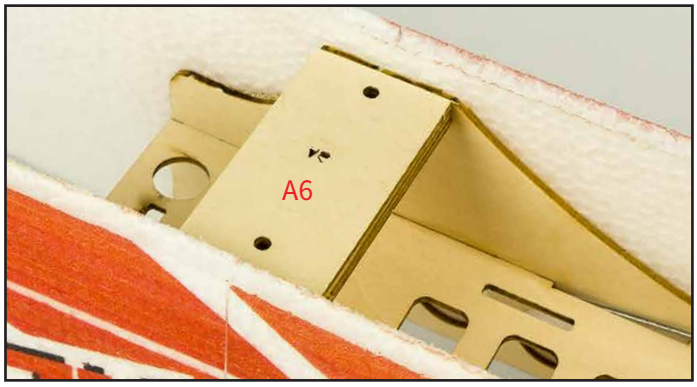
4.Assemble the motor and front landing gear onto the A2 (as picture shown below),fix the motor with screws,-fix the landing gear with screws and nuts,connect the landing gear arm with steel wire pushrod,which insert through the preserved hole on A4,and finally connect with the servo.

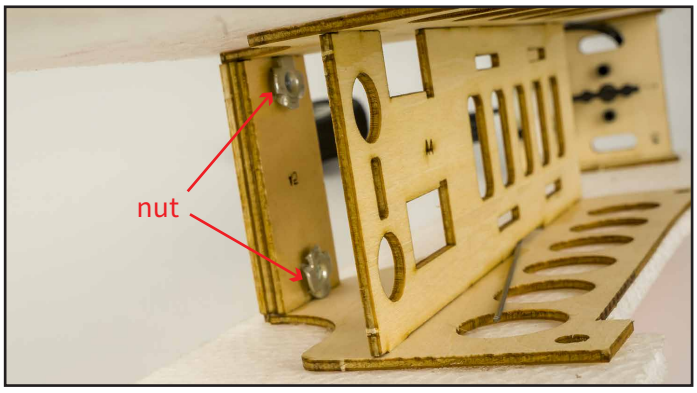




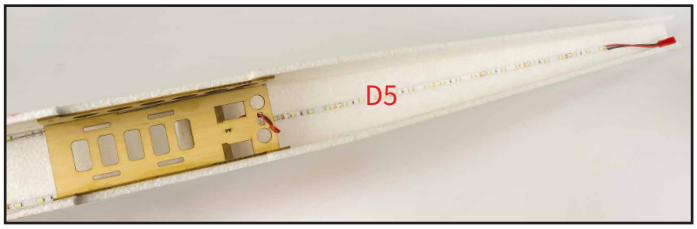


5.Paste the A6 onto the A5 by glue 502,and assemble the nuts in the preserved holes on the back side of the A5.

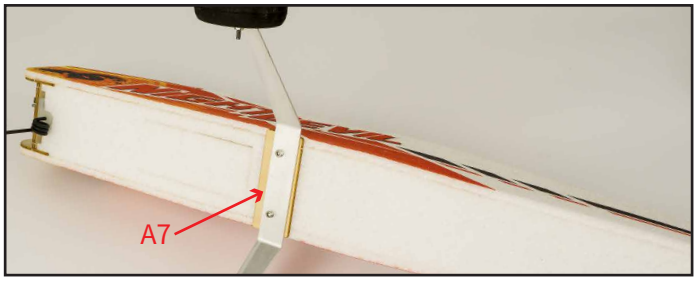




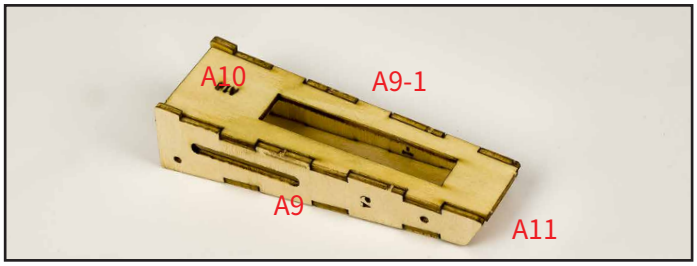
6.Paste the D5 at the bottom of the fuselage by foam glue,and pull the JST connector out of the wood sheets.



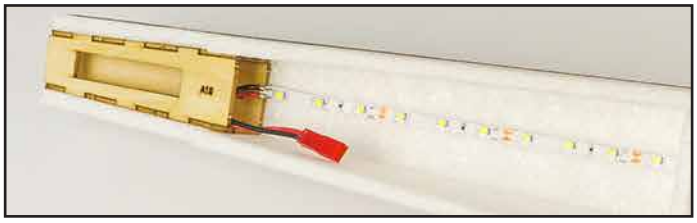
7.Assemble the landing gear as per the bottom preserved hole,and fix with screws.



8.Assemble the tail reinforcement,and paste with glue 502.



9.Paste the tail reinforcement at the tail of the fuselage by foam glue,and pull the JST connector out of the hole.



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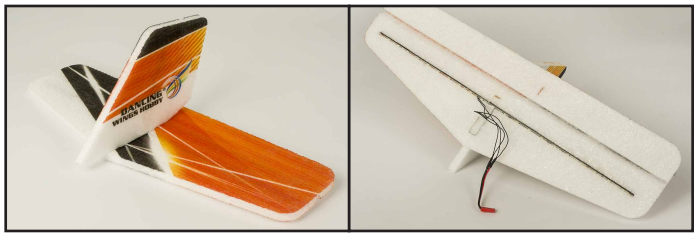
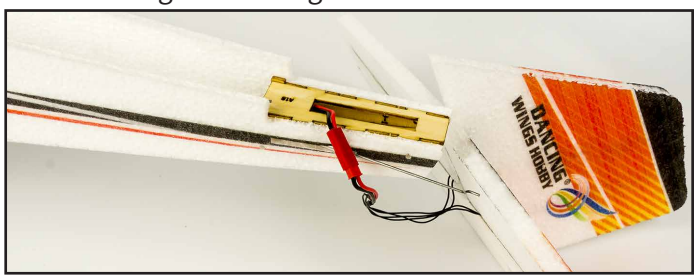
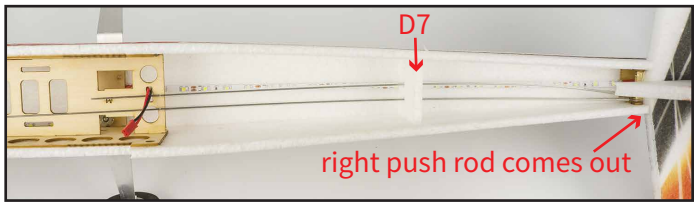
10.Paste the vertical and horizontal tail D3 (as picture shown below)



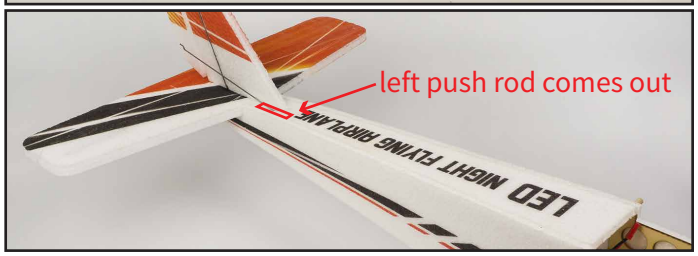
11.Connect the both JST plug together respectively from tail wing and fuselage tail.



12.Paste the D7 in the middle of the fuselage,insert the push rod through the guiding tube,pull the tube through the D7 hole till fuselage tail;The right push rod comes out from the right side board and the Z-shape end face the tail.

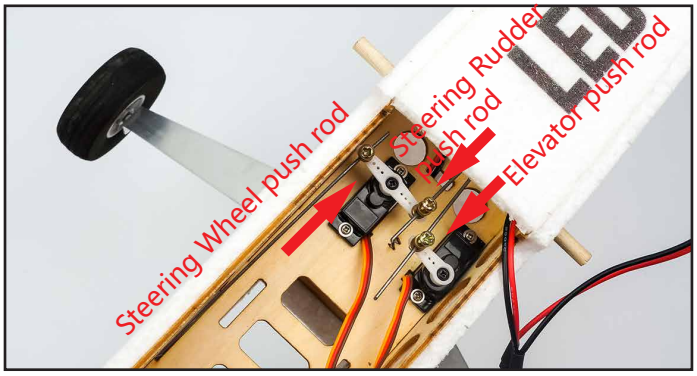


13.Paste the A8 onto the D4,take care to aim the preserved hole,paste the D4 and tail wing onto the tail of the fuselage by foam glue;The left push rod comes out from the upper hole of the D4(as picture shown).

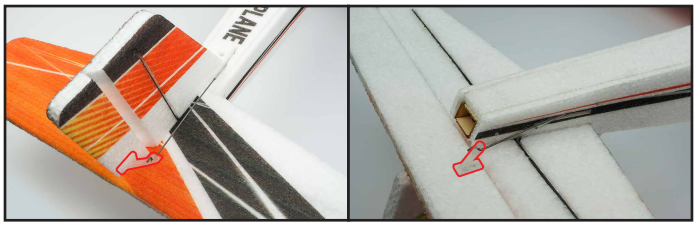


14.Paste the D2 onto the head of the fuselage by foam glue,insert the wood sticks through the preserved hole of the cabin.

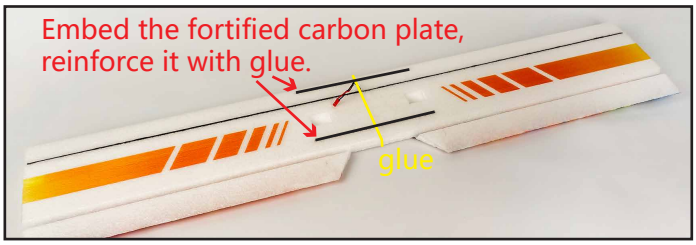
15.Install the servo inside the cabin,install the servo arm and EZ-connector,and connect the EZ-connector with push rod.



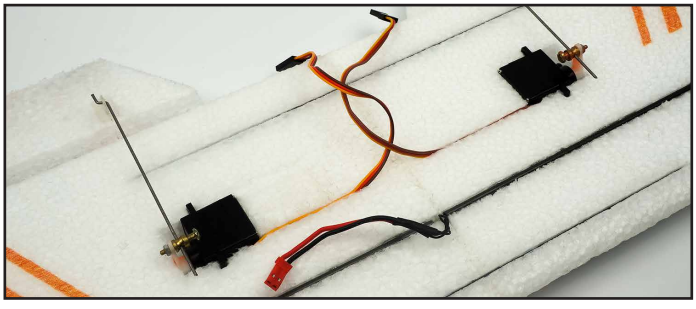
16.Install the horn on the horizontal and vertical tail,connect the servo horn with Z-shape push rod.



17.Paste together the wing D6,insert the carbon sheet in the preserved slot and fix by foam glue.



18.Install the servo arm,paste the servo into the preserved holes on the back of the wing by foam glue,and insert the servo wires into the slot.



19.Install the servo horn onto the aileron,install the EZ-connector onto the servo arm,plug the Z-shape push rod into the servo horn,the other end connect with EZ-connector.

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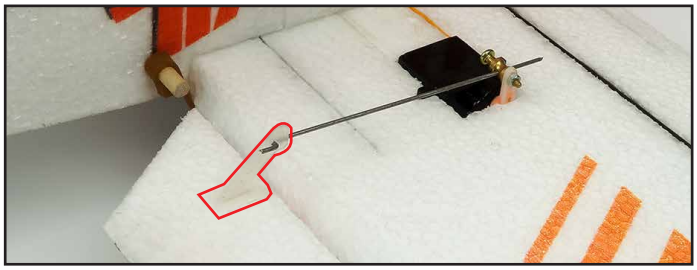
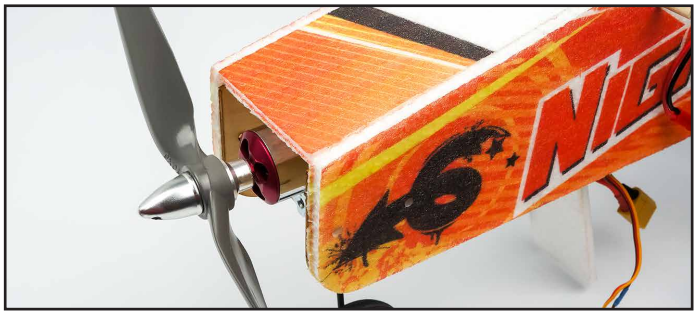
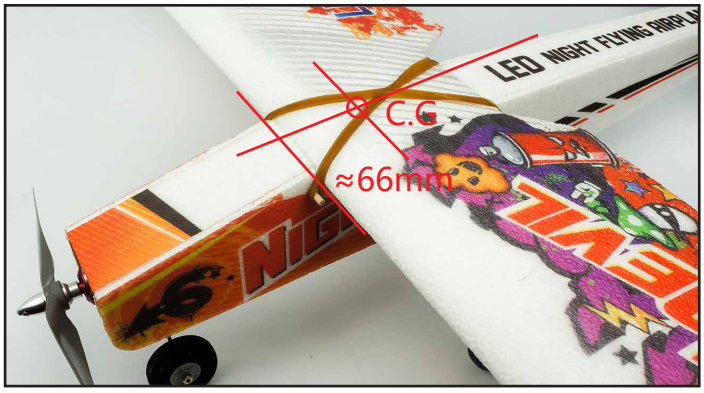


20.Install and fix the propeller onto the motor.

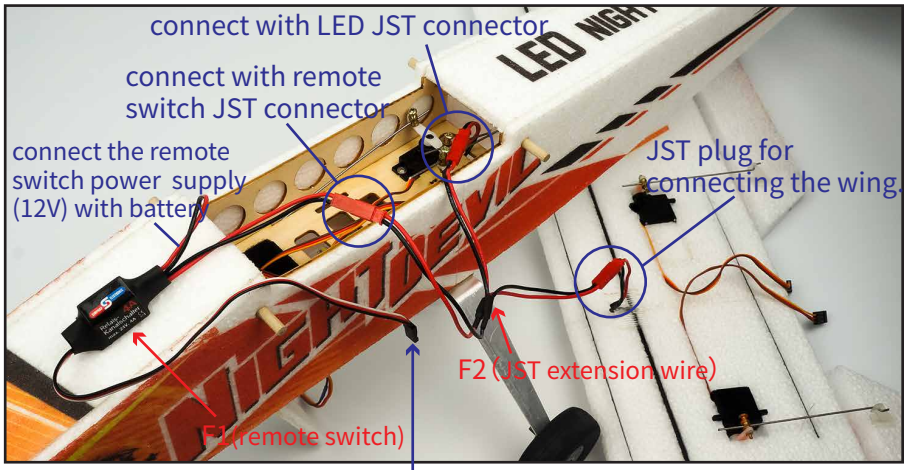


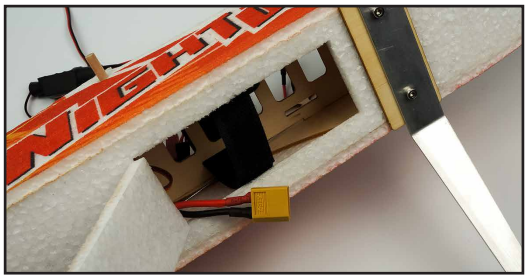
22.Fasten the wing with rubber band onto the fuselage.



Adjust the C.G, C.G is 66mm from the leading edge.Then start your flight.

21.Connection diagram for remote switch,electronics and LED plugs.

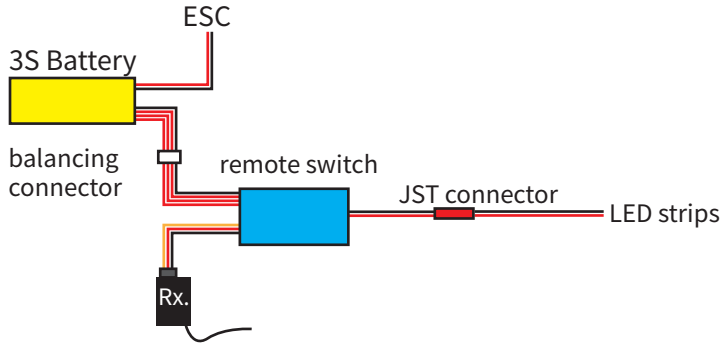




This is the battery cabin at the bottom of the fuselage,you need to bind the battery by ribbon.

Set the remote switch signal on the second gear of any driving lever,move the driving lever could turn on or off the switch;Once connected,you could turn on or off the LED lights during flight.

*connection diagram for remote switch



ADDITIONAL SAFETY PRECAUTIONS AND WARNINGS

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

1.Always keep a safe distance in all directions around your model to avoid collisions or injury. The model is controlled by a radio subject to interference from many sources outside your control. Interference can cause momentary loss of control.

2.Always operate your model in open spaces away from full-size vehicles, traffic and people.

3.Always carefully follow the directions and warnings for this and any optional support equipment (chargers , rechargeable battery packs, etc.).

4.Always keep all chemicals , small parts and anything electrical out of the reach of children.

5.Always avoid water exposure to all equipment not specifically designed and protected for this purpose . Moisture causes damage to electronics.

6.Never place any portion of the model in your mouth as it could cause serious injury or even death.

7.Never operate your model with low transmitter batteries.